



Raising Open and User-friendly Transparency- Enabling Technologies for Public Administrations Working Group



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SPOD User Manual

“Zosma 3.3”

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WISE&MUNRO






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Summary of Notable New Features in “Zosma” (v. 3.3)

The manual describes all features in each release of SPOD platform. Each paragraph marked with  red pin highlights the “What’s new” in the current release:

Major features

- **Deep2 (DataEt-Ecosystem Provide)**, the subsystem that offers the visualization components has been entirely redesigned to improve performances and for greater usability (more details below).
- **Cocreation room** :
 - A new User-friendly Interface in the Cocreation:
 - Each cocreated room shows more details, such as the description, the avatar of the owner of the room.
 - The main menu of the cocreation provides information such as the ownership of the room, pending and accepted invites for the cocreated room; title and description of the room
 - The **form** in the Cocreation introduces types of roles (the ownership and user rules): the ownership of the room can create, modify the form; all other users can add only new rows to the questionnaire.
- **Commentarium room** introduces the type of roles (the creator and annotator) and tags in a shared document.
- **New datalets included (also provided within the Controllet):**
 - New datalets, such as **Polar, Spider, Funnel Pyramid and, CloudWord charts**, have been introduced in SPOD platform.
- **Datalets** now provides an improved **exporter of images**:
 - A newly redesigned exporter of an image for published datalets with preset size for image post ideal for Facebook, Twitter and Google+ or custom image sizes.
 - **Linking to the SPOD landing page (i.e. Datalet link)**: In SPOD, each published datalet offers its own link service allowing to share directly, on the social networks, the URL of the landing page of a published SPOD datalet with additional information.
- **Chinese SPOD platform**: SPOD platform in the Chinese language for the project, that focuses on Mandarin-speaking communities and open government data usage in Taiwan, led by Dr. Hsien-Lee Tseng, assistant professor of the Department of Public Administration and Management, National University of Tainan. The objectives are to have a ROUTE-TO-PA website translated to Mandarin Chinese and to publish more than one open datasets on TET platform.
- **Wide access** to datasets previously not accessible:
 - Several CKAN services were not accessible as the HTTP server was not correctly configured for machine-to-machine access and it denied access to our SPOD services. Now a new service (i.e. **CORS service**) introduces an additional layer between the Controllet and any OPEN DATA portal to allow to visualize any dataset when CORS (Cross-Origin Resource Sharing) issues occur.

1 QUICK INTRODUCTION

The Social Platform for Open Data (SPOD) enables social interactions among citizens around open datasets coming from different sources (dataset providers).

Social features

A joint authentication mechanism allows a user to connect to both SPOD and TET platforms.

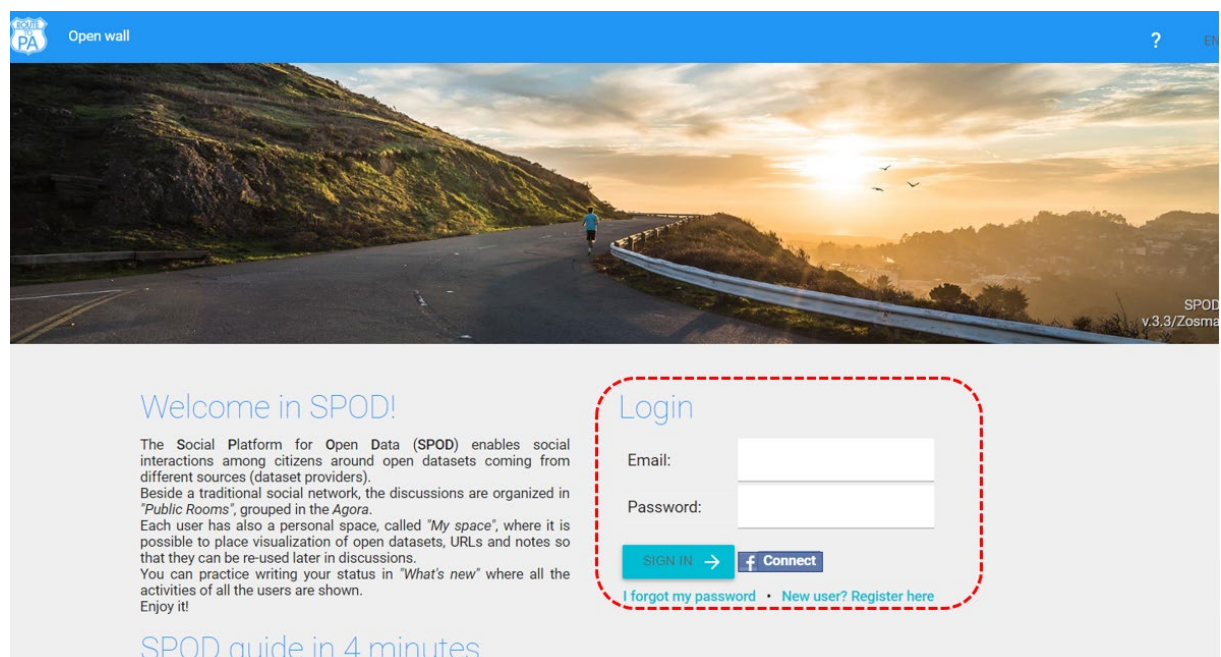
SPOD is a social platform and, then, enables the traditional social features among users. A user can write a status, can join ongoing discussions, comment and like others' status/comments. As in social networks, we can establish *friendship* with other users, chat with them and see what they are doing.

But SPOD also offers some new features like attaching visualization of datasets (called *datalets*) to the comments, advanced "Public rooms" for the discussion (with support to the navigation and orientation), a "Private space" where each one can practice and build privately datalets, and a collaborative group where data can be co-created.

When you enter, you find yourself into the "What's new" page which shows what the other SPOD users are currently doing, what public rooms are currently being updated, display updates about your friends, and (on the left) it shows synthetic information about the status of the SPOD, some help video and Tweets from relevant sources.

2 SOCIAL PLATFORM FOR OPEN DATA

An unauthenticated user can access the home page of Social Platform for Open Data (SPOD), named "Open Wall", showing the first overview of SPOD.



If the administrator has enabled the registration, a new user can register/sign up on SPOD

A new user can register on the SPOD platform, only if the administrator has enabled the registration, clicking “New user? Register here” link.

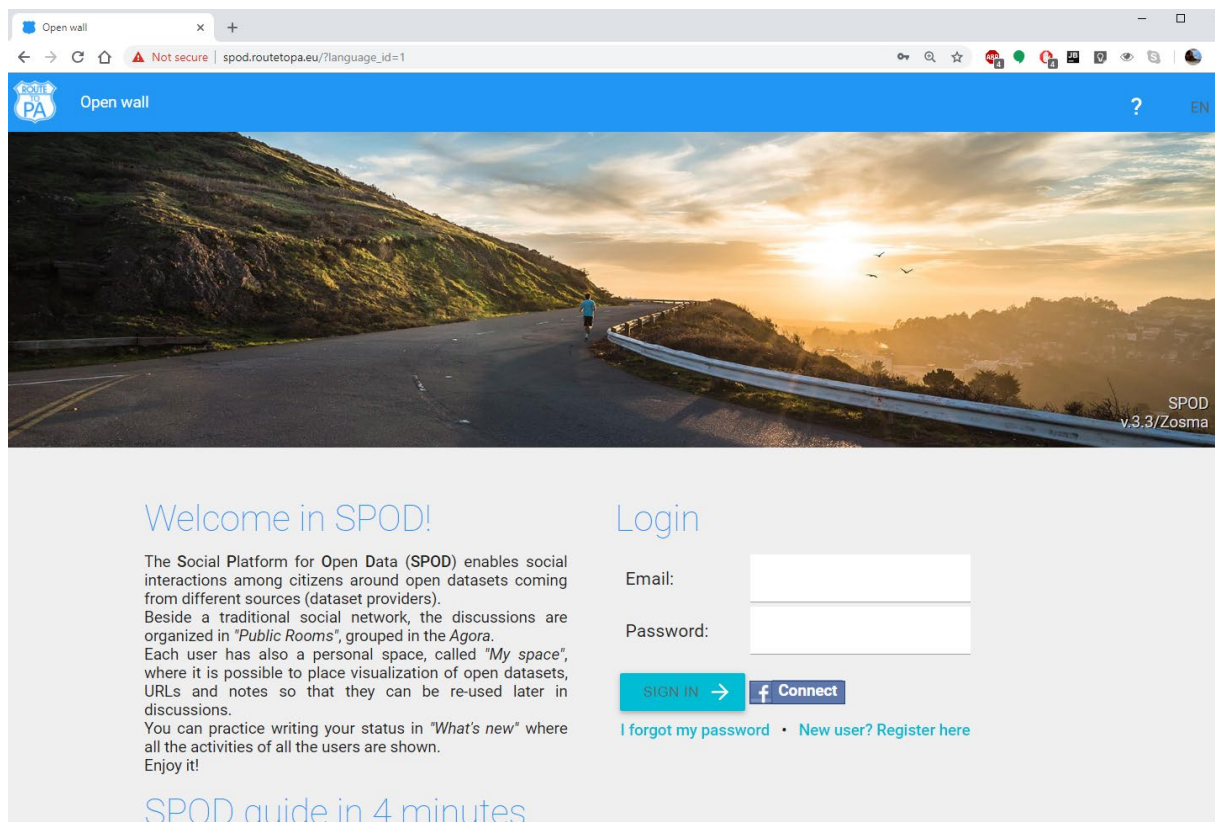
If registration is enabled, any user can access to SPOD platform by clicking on the “New user? Register here” link furthermore a new username and password will be created; otherwise s/he can log in with own Facebook account.

3 LOGIN

Before proceeding to the SPOD platform, you need to register your profile and become a member of the SPOD platform. Only approved users will be allowed to login to the platform. Users waiting for approval as well as denied users will not be able to login to site. Only the administrator can dis/enable the registration for a new user. A new user can registration on SPOD platform only if the administrator has enabled the registration.

3.1 SIGN UP

Only if the administrator has enabled the registration in the SPOD platform, a new user can click on “New user? Register here” link, a “Sign up” page allows to fill out information such as e-mail address and a password.



Open wall

Not secure | spod.routetopa.eu/?language_id=1

Open wall

EN

Welcome in SPOD!

The Social Platform for Open Data (SPOD) enables social interactions among citizens around open datasets coming from different sources (dataset providers). Beside a traditional social network, the discussions are organized in “Public Rooms”, grouped in the Agora. Each user has also a personal space, called “My space”, where it is possible to place visualization of open datasets, URLs and notes so that they can be re-used later in discussions. You can practice writing your status in “What’s new” where all the activities of all the users are shown. Enjoy it!

SPOD guide in 4 minutes

Login

Email:

Password:


[SIGN IN](#) [Connect](#)

[I forgot my password](#) • [New user? Register here](#)

The registration of new user suggests to fill out the following form with e-mail address, and password and new password (see screenshot below);

ROUTE-TO-PA en

New user


 Register

Type your e-mail address and choose a password. You will receive an email with instructions on how to confirm your account.

E-mail

Choose a password

Confirm password

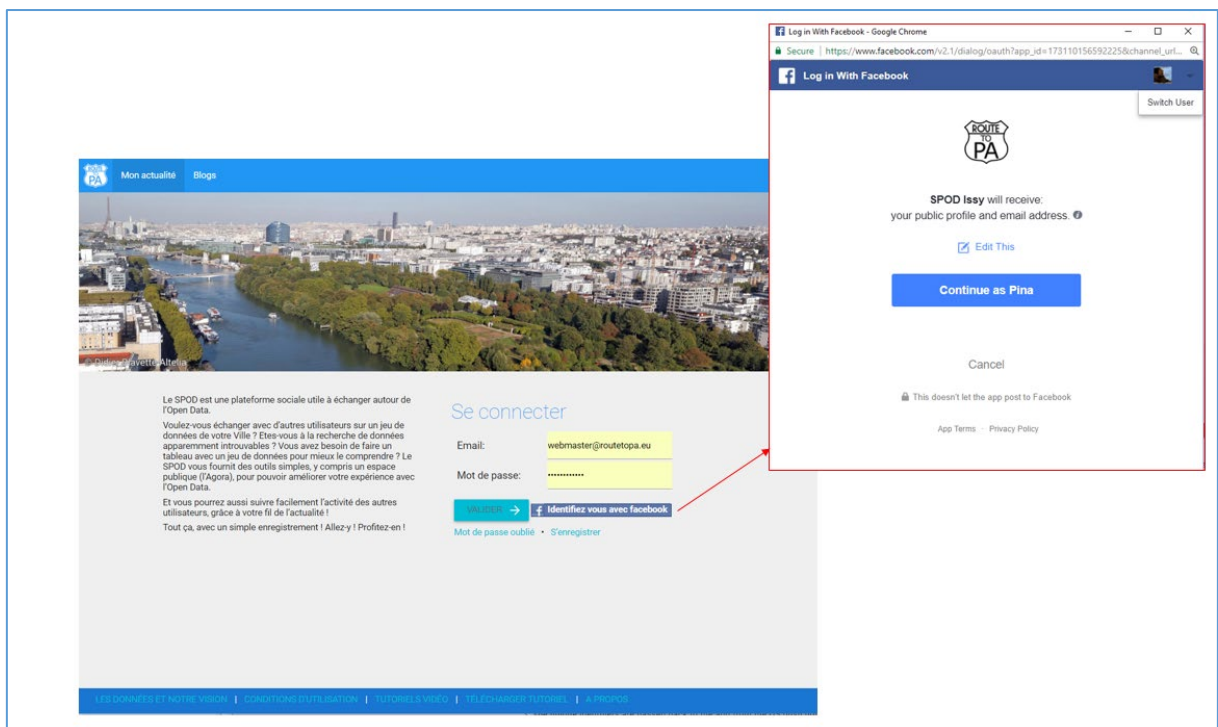
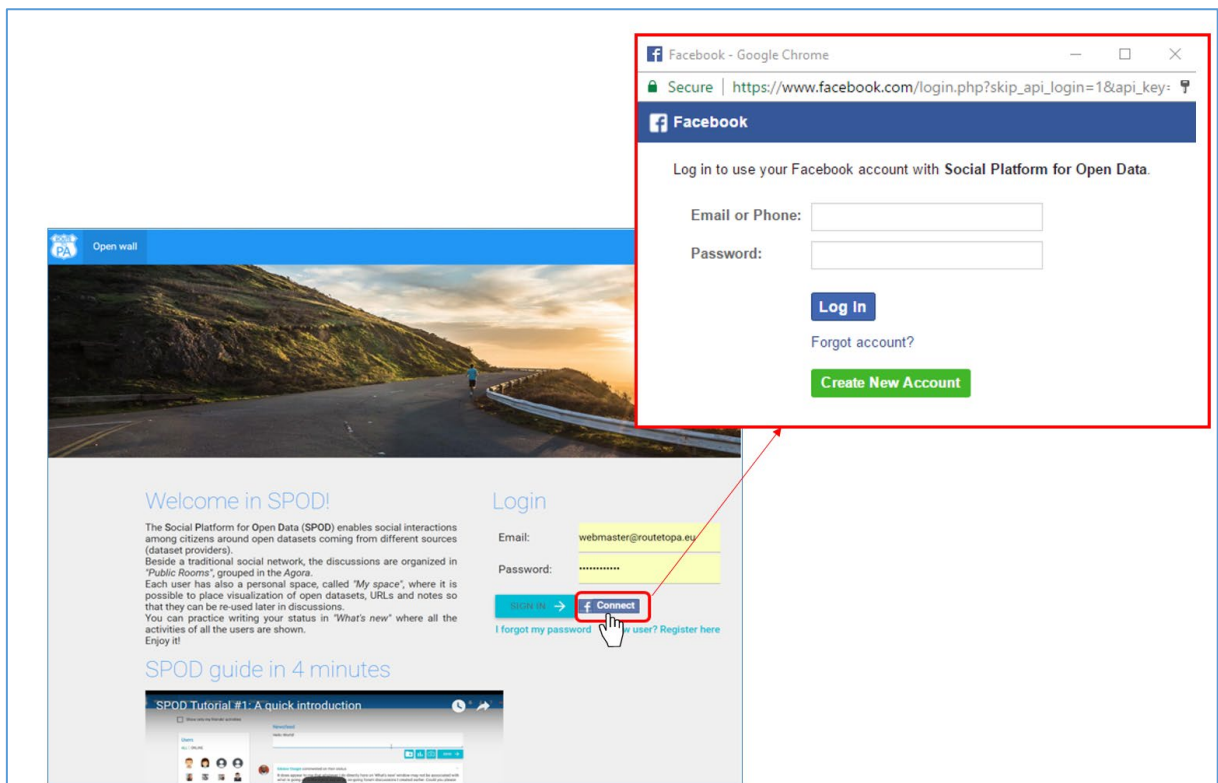
REGISTER 

A message notifies the new user to receive instructions to confirm email address' user.

3.2 FACEBOOK CONNECT

Facebook connect allows users to interact on the SPOD platform and allows users to log into the SPOD platform with Facebook account without registration on website.

Allow users to join, sign in, and synchronize profile info using their Facebook accounts in SPOD platform.
(Available on SPOD platform with enabled user registration)



3.3 FORGOTTEN PASSWORD

The “Forgotten password” process can be used for changing password. In both cases, password change and reset in case of forgotten password, the process is the same. Click on the “I forgot my password” link to add the e-mail address to receive instruction on how to reset the password and then click on the “RESET” button.

ROUTE-TO-PA

en

Forgot password

Reset password

Please insert the e-mail address you registered with: we will send you an email with a link that you can use to reset your password. If you don't receive any e-mail from us within minutes, please check your Spam folder.

E-mail

RESET

3.4 UNIFIED LOGIN FOR SPOD/TET

A user can access to SPOD and TET with a unique username and password credential.

4 SUCCESSFUL LOGIN

Once logged in, you can see your “What’s new” page and can see the recent social activities taking place on SPOD platform.

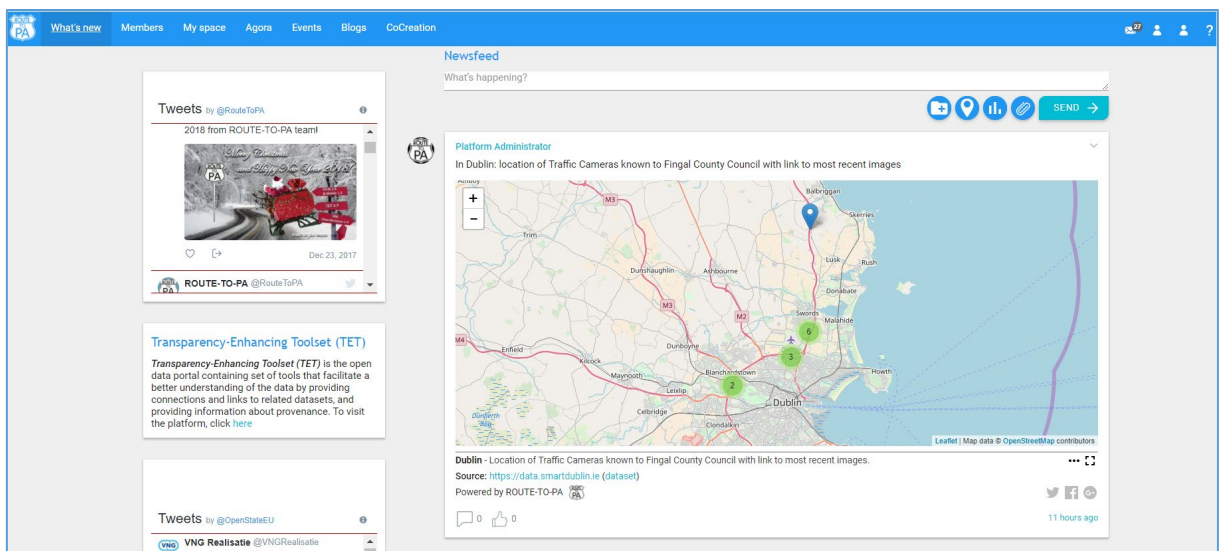
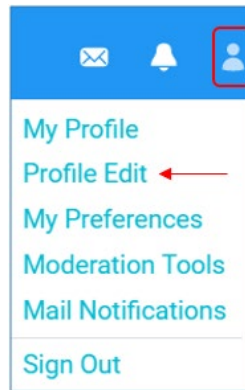


Figure 1: “What’s new” page in SPOD with custom widgets (Users, Agora Activities, SPOD help and Tweets) on the left side

4.1.1 USER PROFILE

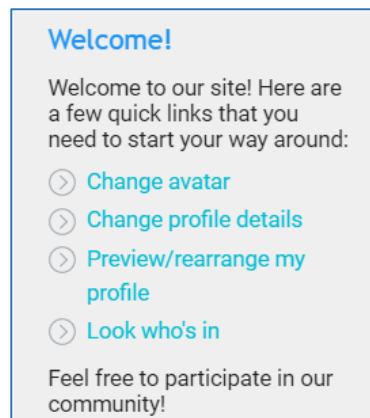
Once logged in, a user can customise profile information in several way:

1. A user can change/edit his/her profile or change password clicking on the on the navigation top main menu (on the right), clicking on “Profile Edit” from drop-down menu.



Another way to change your profile is the following:

2. A user can switch in the “My friends’ activities” page from your “What’s new” page, and s/he can customize the profile by choosing a few quick features (e.g., change avatar etc...)




4.1.2 PRIVATE MESSAGES

A private message is available clicking on  button on the top navigation menu.

4.1.3 CHAT

A synchronous messages, e.g. a chat, are available on the bottom bar right corner, with features like “Find contact”, “show only online users” and “Show all users”.

4.1.4 NOTIFICATION OF ACTIVITIES

Notifications of the platform are displayed clicking on the  button, on the top right corner menu.

4.1.5 MY PREFERENCES

Each user can change the setting of the following properties, click on “My Preferences” in the navigation top main menu (on the right).

Privacy

How my profile, presence, newsfeed and my friends are public to all, visible only to my friends or private; invite all or only my friends to the chat.

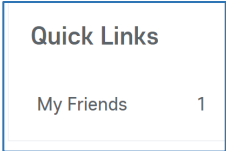
4.1.6 ADDING FRIENDS & FRIENDS REQUEST

You can invite your friends individually selecting a user from “Members” page.


At first, you select the user for the friend’s request and then you click the “Add to Friends” button.



Once this user accepts your request, your “My friends’ activities” page will show up your friends list.



4.1.7 UPLOAD IMAGE

Attach a media file (e.g., images), click on  button to choose a media file

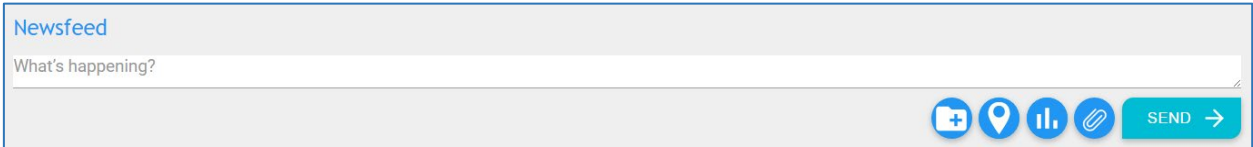



Figure 2: Upload a media file and post a message (status)

In each page as “What’s new” (includes “My friends’ activities”), in “Public Room” pages, a user can post a message clicking in the box area of the “Newsfeed” section (see Figure 2).

4.1.8 IMPORT LINK OR CHART VISUALIZATION

You can import a list of available datasets or links stored in the “My space” page, if you click on the following  button and “search” functionality of the “My space” is available:

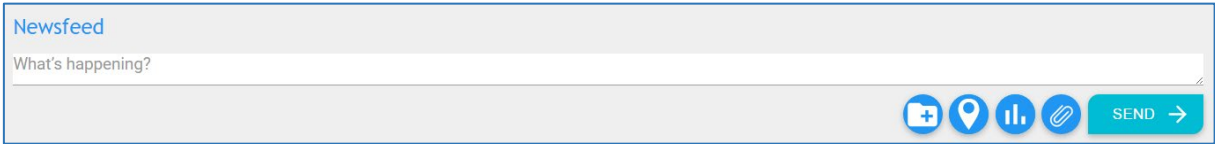


Figure 3: Click on  button for import links, data visualization from “My Space” page.

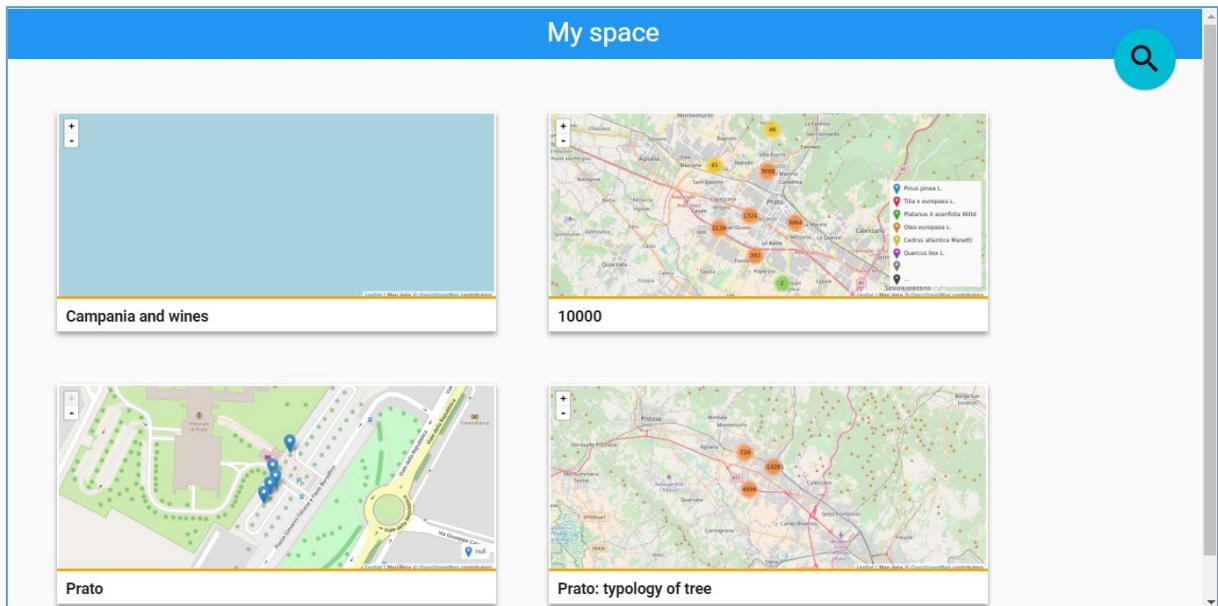



Figure 4: Select a datalet or a link from “My space” page.

4.1.9 BROWSING USERS

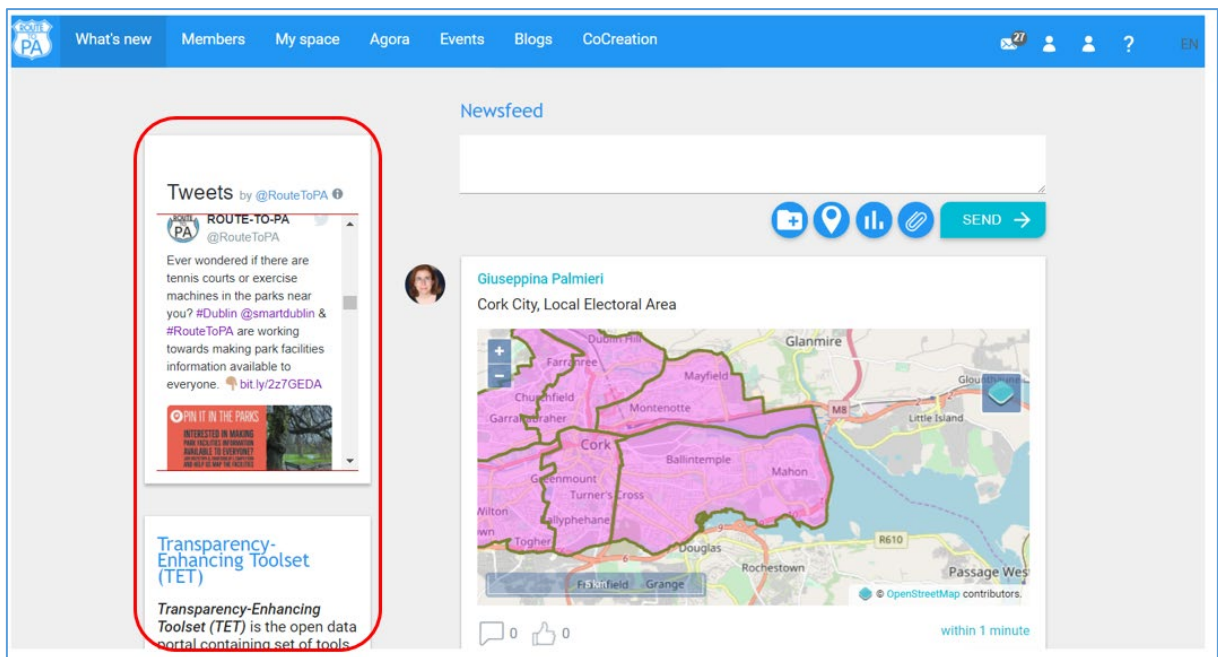
Click “Members” on the top main navigation menu to see all online and latest users, send a friends request.

5 NAVIGATION ON SPOD

Once logged in, the main menu navigation panel, on the top of your home page, will allow selecting the main features of the SPOD platform that will be described in the following sections. A Help context can you explain with more details all the features in SPOD, you can click on  button on navigation bar to the top right corner.

5.1 WHAT’S NEW

This page shows both all the activities (e.g. posts, likes, photos etc...) to everybody or only the friends. On the left side, the administrator can add custom and configurable widgets (e.g. Tweets, Agora Activities, SPOD Help RSS feeds, Static content, etc....)

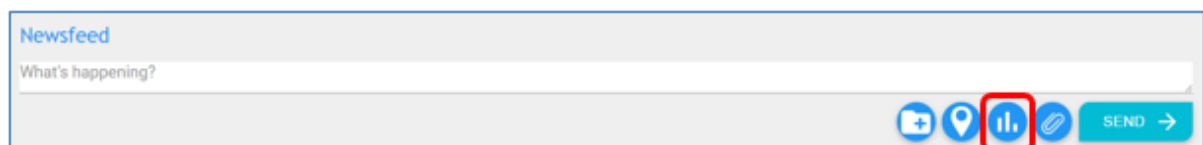


5.1.1 SHOW ALL USERS' ACTIVITIES

"What's new" page shows all the activities (e.g. posts, likes, photos etc...) to everybody chronologically ordered even for users that are not my friends and it provides a switch between the activities of all the users and only the friends in the network, click on button, named *"Show only my friends' activities"*.

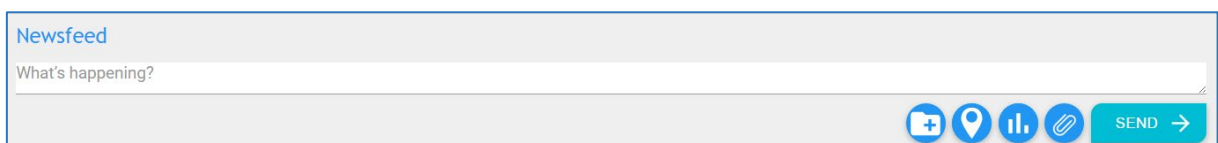
Choose to attach a Datalet to a comment

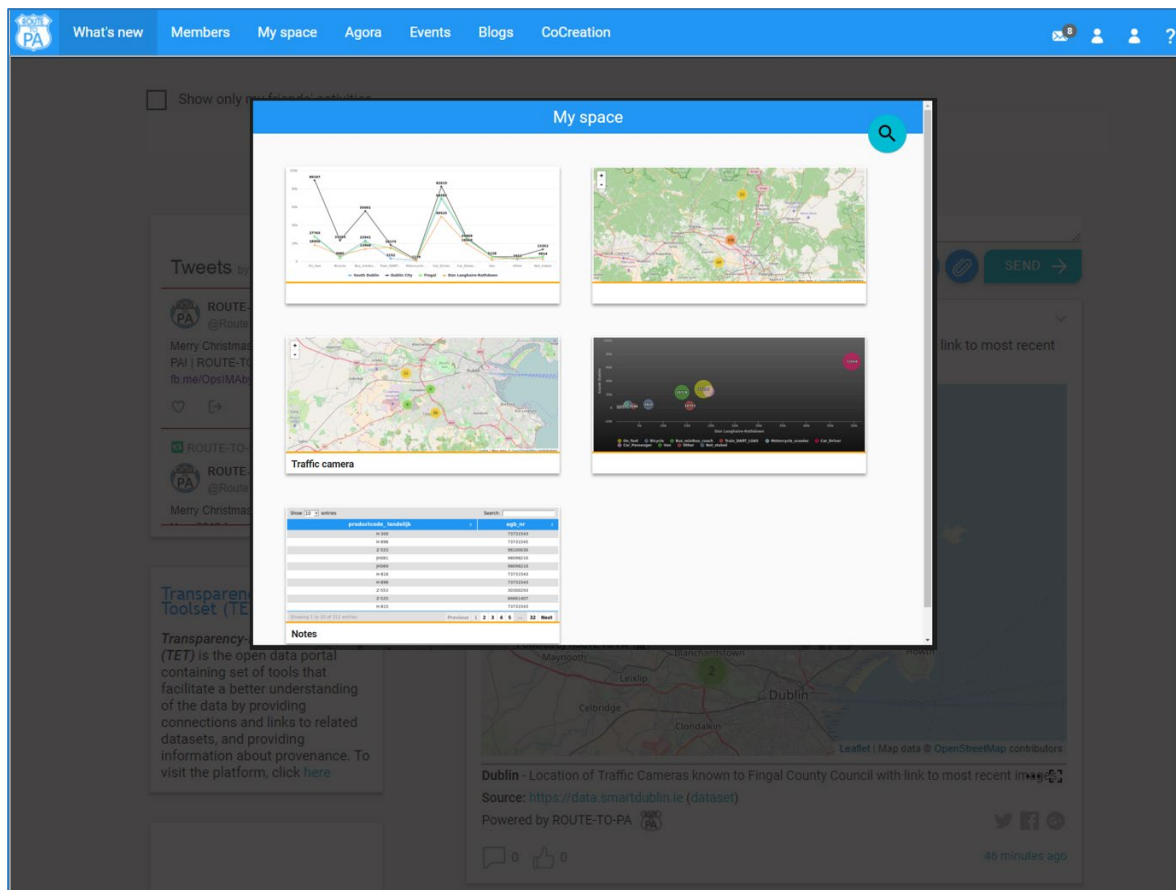
By Datalet button (circled in Figure.) near the post creation control, you can attach to your comment/post a new Datalet. Everyone, even without technical expertise, can create and share visualization of a chosen dataset with few simply steps using the wizard that assists you step-by-step, through the creation (or modification) of a Datalet.



Datalets coming from "My Space"

You can also re-use the Datalets that you placed in "My Space". By clicking on the button shown, a pop-up shows all the existing Datalets that you can choose from.





5.1.2 SHOW ONLY FRIENDS' ACTIVITIES

Only all friends' activities will be shown and the following list of available features:

- Share a post
- Upload a media file
- Import a link or data visualization from "My space" page
- Section for change the user profile

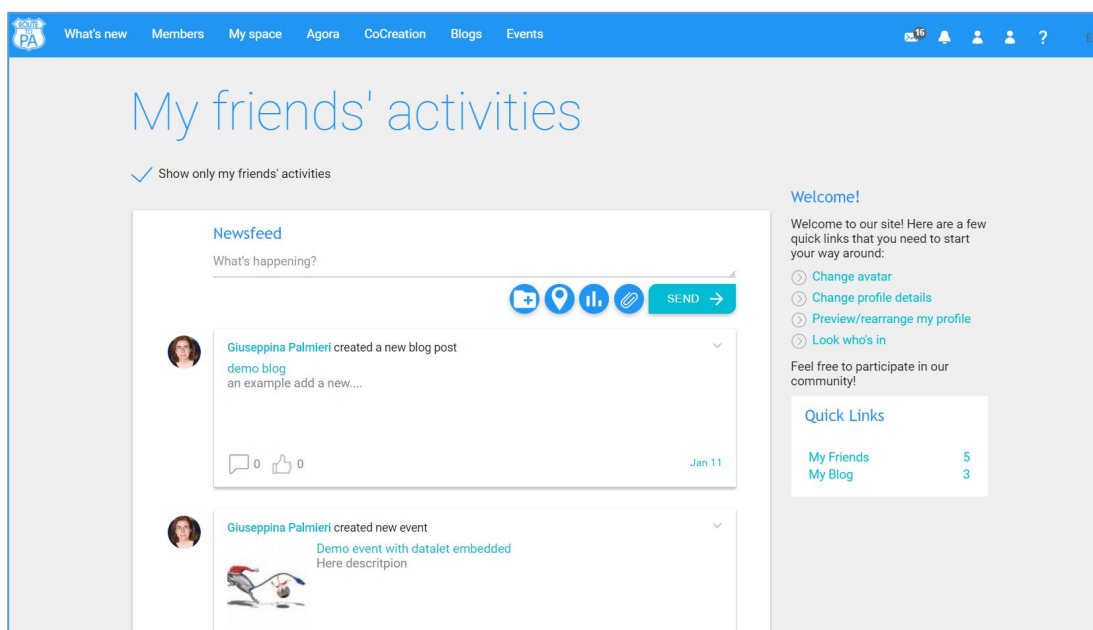

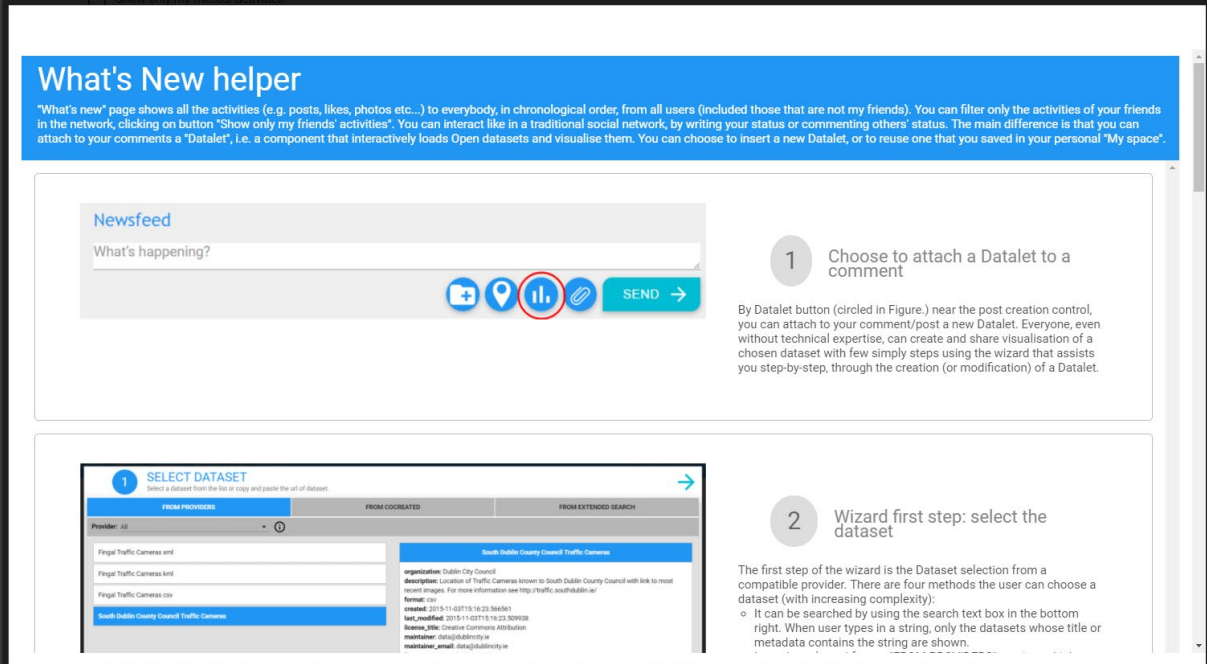


Figure 5: This page shows only users' activities Agora

5.2 QUICK HELPER

A context helper, click on  button, is available in the top right corner shows all the activities (e.g. posts, likes, photos etc.) to everybody, in chronological order, from all users (included those that are not my friends). You can filter only the activities of your friends in the network, clicking on the button "Show only my friends' activities". You can interact like in a traditional social network, by writing your status or commenting others' status. The main difference is that you can attach to your comments a Datalet, i.e. a component that interactively loads Open datasets and visualise them. You can choose to insert a new Datalet, or to reuse one that you saved in your personal "My space".



What's New helper

"What's new" page shows all the activities (e.g. posts, likes, photos etc...) to everybody, in chronological order, from all users (included those that are not my friends). You can filter only the activities of your friends in the network, clicking on button "Show only my friends' activities". You can interact like in a traditional social network, by writing your status or commenting others' status. The main difference is that you can attach to your comments a "Datalet", i.e. a component that interactively loads Open datasets and visualise them. You can choose to insert a new Datalet, or to reuse one that you saved in your personal "My space".

Newsfeed

What's happening?

1 Choose to attach a Datalet to a comment

By Datalet button (circled in Figure.) near the post creation control, you can attach to your comment/post a new Datalet. Everyone, even without technical expertise, can create and share visualisation of a chosen dataset with few simply steps using the wizard that assists you step-by-step, through the creation (or modification) of a Datalet.

1 SELECT DATASET

Select a dataset from the list on the left and paste the url of the dataset.

2 Wizard first step: select the dataset

The first step of the wizard is the Dataset selection from a compatible provider. There are four methods the user can choose a dataset (with increasing complexity):

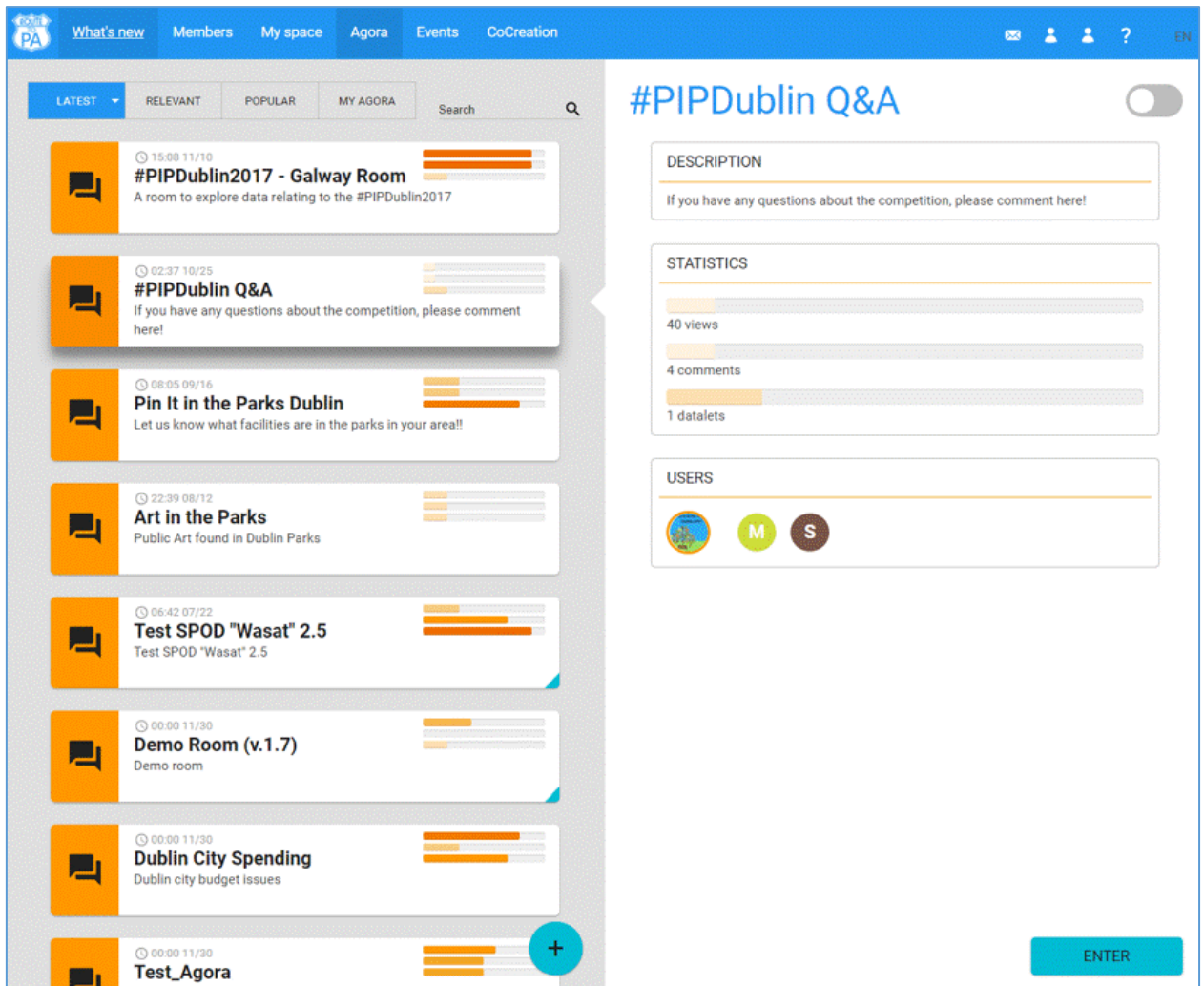
- It can be searched by using the search text box in the bottom right. When user types in a string, only the datasets whose title or metadata contains the string are shown.

Figure 6: Helper for "What's New" page

5.3 AGORA

Agora is where each user can create a "Public room" to start a new discussion/debate that is open to all the users.

A context helper for Agora, click on  button, is available on the top in the right corner.



5.4 MOST RELEVANT, POPULAR, LATEST AND MY AGORA

On the left side, Agora displays different views on each tab to organize the *Latest*, *Relevant*, *Popular* and *My Agora*, finally a "search" feature is available.


On the right side, more details are given for each selected discussion room:

- **Description** shows a short description of the discussion room (1)
- **Statistics** section shows **Views, Comments, and Datalets**. "**Views**" shows *Popularity*: how popular is this public room in the SPOD? It depends on how many views has received in total, with respect to the others. **Comments and Datalets** describe respectively the number of comments and datalets in a discussion room. (2)
- **Users** indicates the number of users who have participated in the debate (3)
- **Suggested Datasets** shows all recommended datasets by the user (4)
- **Email Notification** allows to receive e-mail for each new message in the room. Users can opt not to receive the following email alerts. (5)
- **Number of unread messages** (6)

The screenshot shows the AGORA interface. On the left, a list of discussion rooms is displayed with filters: LATEST, RELEVANT, POPULAR, and MY AGORA. The rooms listed are: 'Ciao a tutti*', 'Raccolta Differenziata', 'Dati Elettorali', 'Brainstorming sul Museo del Calcolatore', and 'Ampliamento della rete Prato free Wi-Fi'. On the right, the detailed view of the 'Brainstorming sul Museo del Calcolo' room is shown, including its description, statistics (500 views, 34 comments, 4 datasets), users, and suggested datasets. A red circle highlights the '6' in the room title, and a red arrow points to the 'ENTER' button at the bottom right.

This screenshot shows the AGORA interface with annotations. A red circle highlights the 'AGORA' header and the filter tabs (LATEST, RELEVANT, POPULAR, MY AGORA). A red arrow points from the 'POPULAR' tab to the 'Unread messages' icon (a speech bubble with a blue circle containing the number 85). Another red arrow points from the 'Unread messages' icon to the 'Ampliamento della rete Prato free Wi-Fi' room in the list. The right side of the screenshot shows the detailed view of the 'Ampliamento della rete Prato free Wi-Fi' room, including its description, statistics, users, and suggested datasets.

5.4.1 CREATE A PUBLIC ROOM

To create a new room, just press the big (Add) button , in bottom middle side of the screen, and insert the subject and a brief description of the room (e.g., Subject, Body).). If you don't see the big button, it because the administrator has chosen to configure SPOD so that only the moderators can do that.

ADD NEW AGORA

SUBJECT

BODY

SUBMIT

Figure 7: Create a new Public Room


5.4.2 DELETE A PUBLIC ROOM

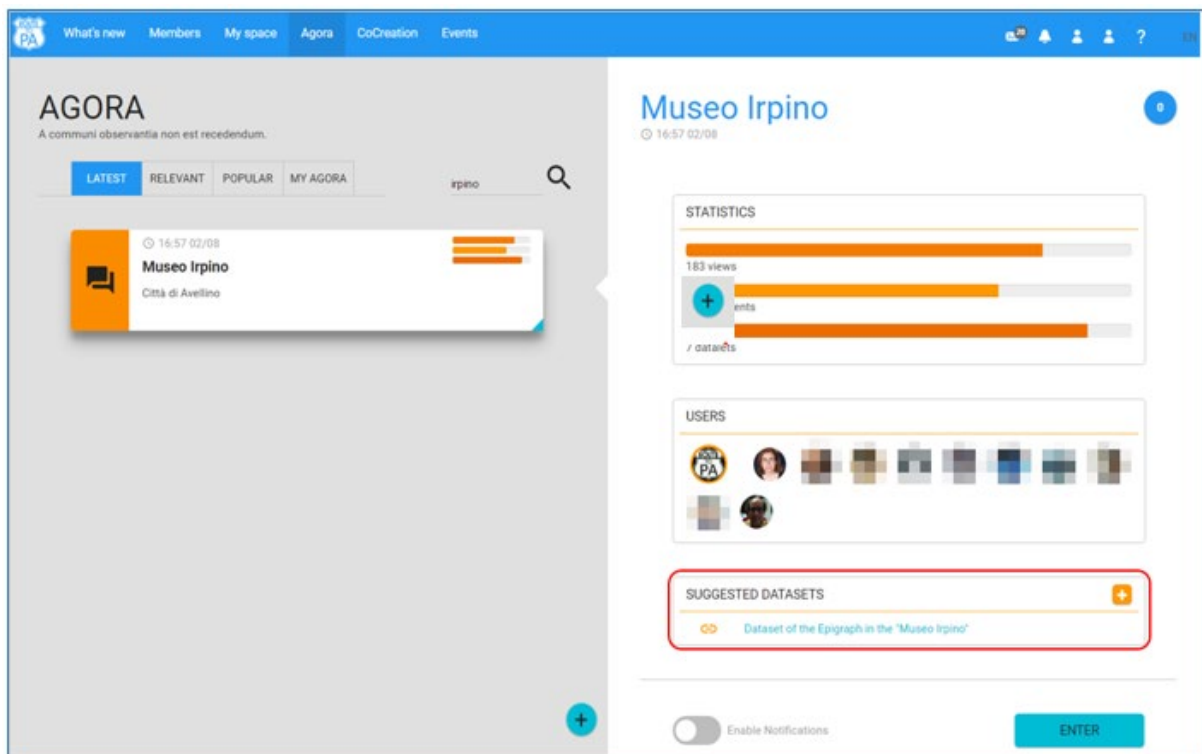
Only administrator can delete a room in the Agora.

5.4.3 RECOMMENDED DATASETS

The user that created a Public Room can also add a set of recommended datasets, that are easily accessible by the participants in that Public room (via the Controllet). To add recommended datasets, click on the list to the left (to show "My Public Rooms") and select the room.

How select a suggested dataset

Each owner of a room can suggest a set of datasets. Click on the  button of the "Suggested datasets" section and a new dialog displays to add a new dataset to suggest.



In the room with suggested datasets highlights them in yellow.

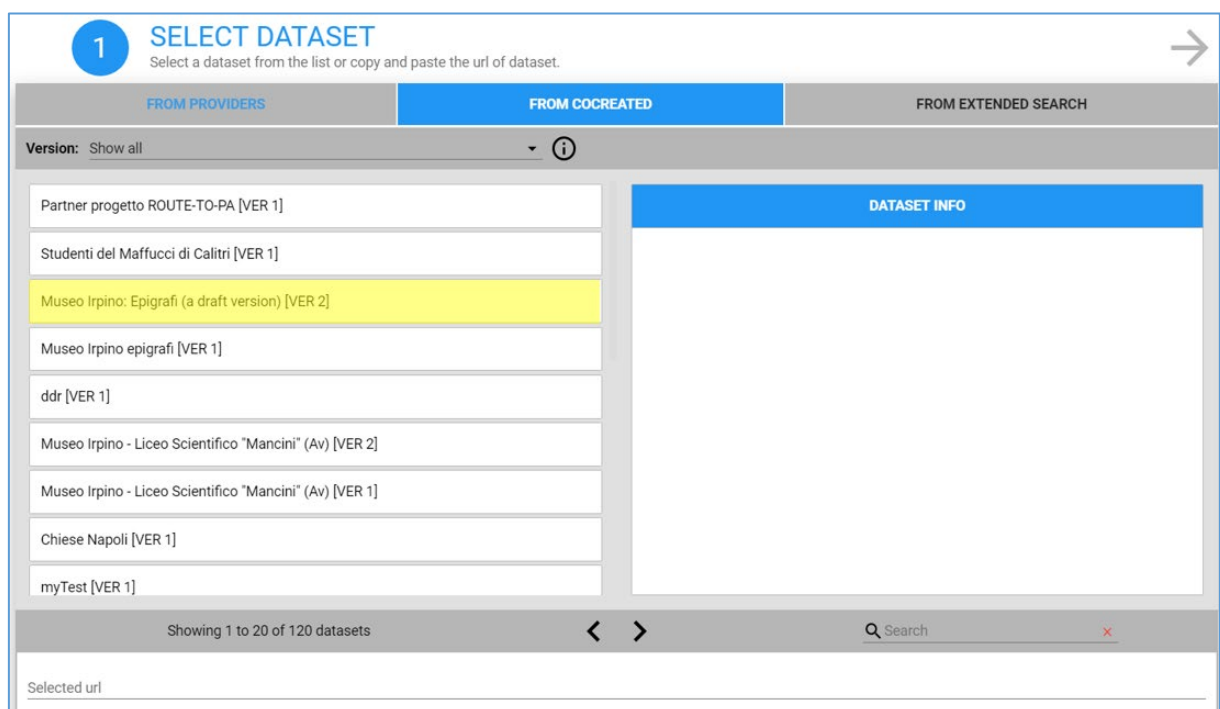
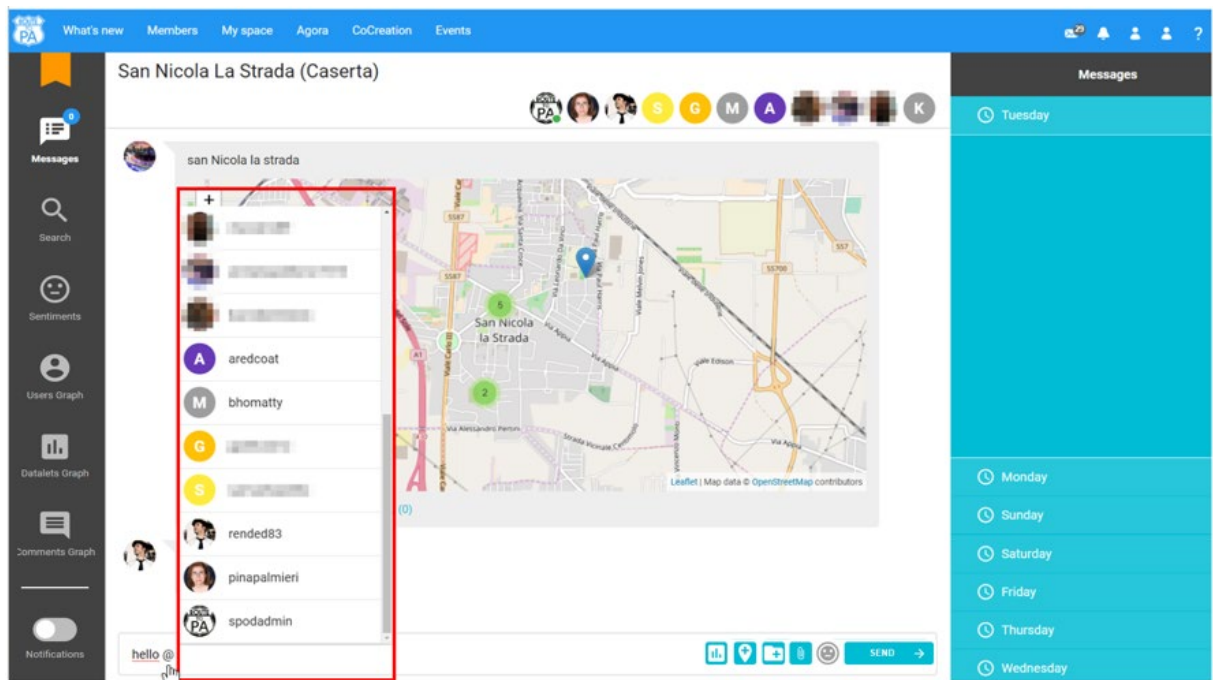


Figure 8: The public room allows selecting “suggested” datasets highlighted in yellow

5.4.4 MENTIONS IN THE DISCUSSION ROOM

Typing @ symbol, followed by a username, will notify the person so that she/he can access and read the comment. The list shows all users:

- @mentioning everyone currently in the discussion room,
- @mentioning friends of the user



5.5 PUBLIC ROOM

Click on a specific of public discussion room (see Figure 9) and move back up in the “Agora” when click on colored border of the “Public Room” and a set of features to enrich a contribution will be described in the following sections.

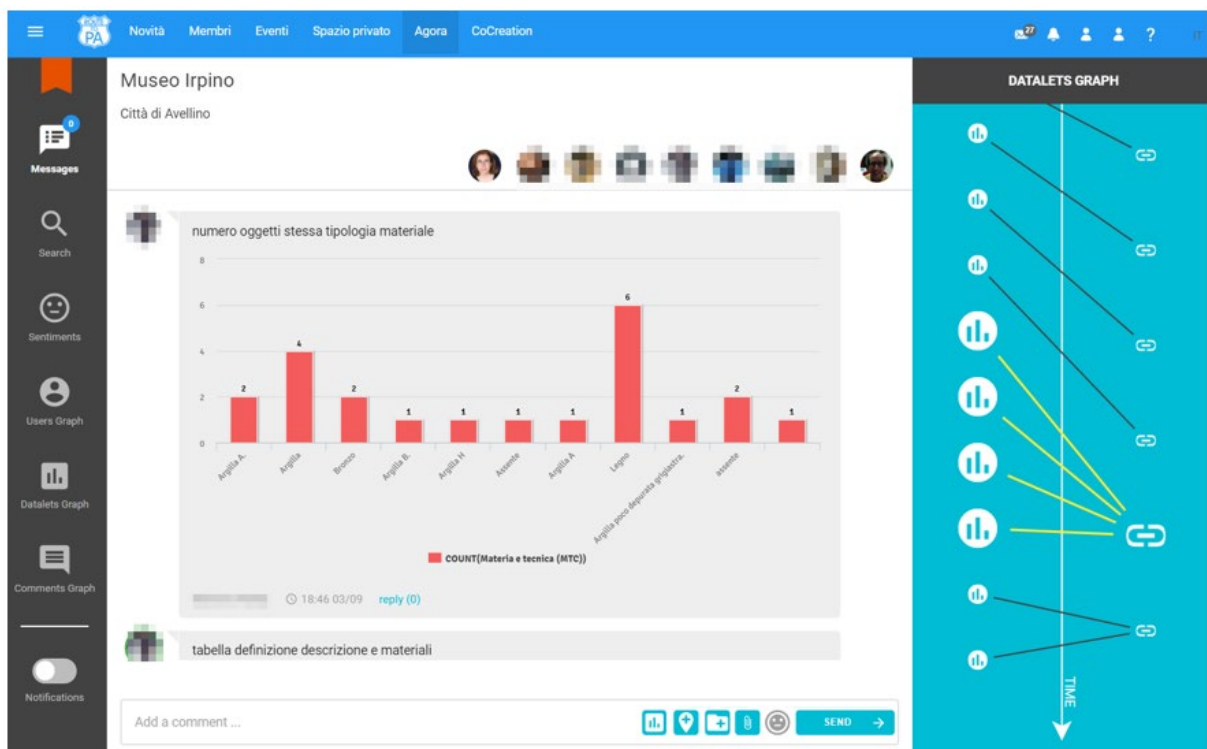
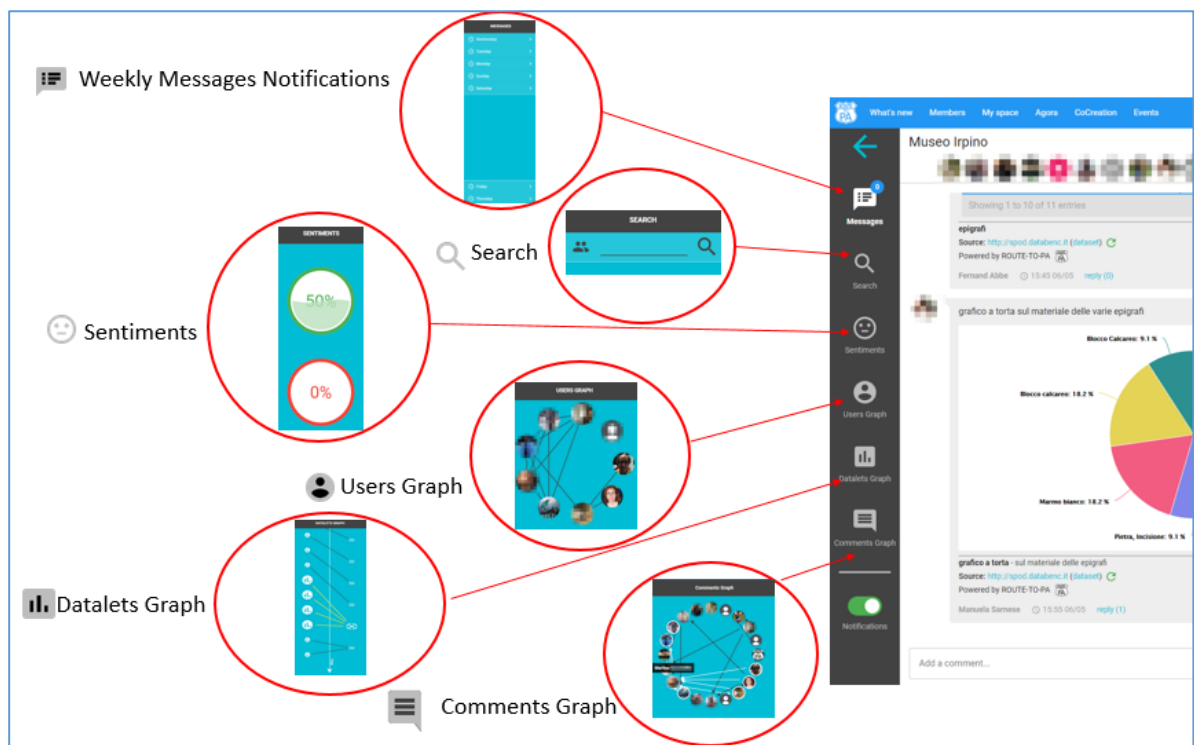


Figure 9: a first overview of a “Public Room” with all features (see figure above) and datalet (see figure below)

Features

The list of features available (see screenshot below) in a public room when a comment is posted:


- Add a datalet [1]
- Add a maplet [2]
- Import from “My space” [3]

- Attach a document (e.g., pdf or image file) [4]
- Sentiment (3): reaction to a post in a discussion with dis/agree or neutral opinion. [5]


SEND →

[\[1\]](#)
[\[2\]](#)
[\[3\]](#)
[\[4\]](#)
[\[5\]](#)

5.5.1 IMPORT FROM “MY SPACE”

Clicking on the this button , a new page, named My space, allows to choose data visualization before previously created in the own private space send and a post in "Public Room".

5.5.2 ADD A NEW OR SUGGESTED DATASET

Click on  datalet button to add a visualization of a new datalet, choosing a new datasets or a “suggested” datasets (all dataset in yellow highlighted)

1

SELEZIONA UN DATASET


Seleziona un dataset dall'elenco oppure copia-incolla l'url di un dataset.

→

DATASET DEI PROVIDER	DATASET COCREATI	RICERCA ESTESA
Provider: Tutti ⓘ <div> <div>Regione Puglia</div> <div> Prato: Consuntivo Uscite 2013 Den Haag: Uit de dataset abstract Super Fingers! Wonders of the World! Animal Sounds Prato Consuntivo Entrate 2013 </div> </div>	<div>INFORMAZIONI SUL DATASET</div>	

Mostrati 1 a 20 di 961 dataset
 < >

5.5.3 UPLOAD IMAGE OR PDF DOCUMENTS

In each discussion room, the  button allows to upload photos or pdf documents:

The screenshot displays the Routetopa PA web application. At the top, a blue navigation bar contains links: What's new, Members, Events, Agora, My space, Blogs, CoCreation, and Open wall. A left sidebar lists tools: Messages, Search, Sentiments, Users Graph, Datalets Graph, and Notifications. The main content area shows a post titled "my second room". Within the post, there is a bar chart titled "Regional elections in Italy" with a zoom slider set to 100%. The chart has three bars with values 469206, 300700, and 125410. Below the chart is a logo for "UNIVERSITÀ DEGLI STUDI DI SALERNO Lab" featuring a stylized mouse. At the bottom of the post, there is a comment input field "Add a comment..." and a row of icons for analytics, sharing, attachments, and sentiment (dislike, like, neutral). A "SEND" button is also present. A comment by "Spodadmin" dated "03:05 04/21" is visible in the right sidebar.

5.5.4 SENTIMENT INDICATORS FOR A POST

Click on the 😊 button to give your opinion with dis/agree (😡 / 😊) or neutral opinion (😊) in a post.

5.5.5 CONVERSATIONS ON SPOD WITH REPLIES

A user will have the ability to reply directly to comments left on Page content of the user and start conversation threads, which will make it easier for the user to interact directly with individual readers.

The screenshot displays the 'Route to PA' web application interface. At the top, a navigation bar includes links for 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', 'Blogs', and 'Events'. On the right side of the top bar are icons for messages, notifications, and user profile. A left sidebar contains navigation options: 'Messages' (with a notification badge), 'Search', 'Sentiments', 'Users Graph', 'Datalets Graph', and a 'Notifications' toggle switch which is currently turned on.

The main content area shows a discussion thread titled 'Alberi'. The thread starts with a post from 'Paolo' dated '19:21 01/10' stating: 'Ho provato a fare una mappa con i primi 50 alberi della data set'. Below this is a pie chart titled 'Tipologie di alberi (%)'. The chart shows the following distribution of tree types:

Tree Type	Percentage (%)
Tilia x europaea L.	14.8 %
Carpinus betulus L.	2.2 %
Olea europaea L.	5.8 %
Cupressus sempervirens L.	4.7 %
Fraxinus excelsior L.	2.4 %
Celtis australis L.	3.6 %
Pinus pinea L.	14.0 %
Quercus ilex L.	5.0 %
Acer negundo L.	2.1 %
Acer campestre L.	2.1 %
Robinia pseudoacacia L.	2.2 %
Platanus X acerifolia Willd.	6.0 %
other	28.5 %

Below the chart is a legend with color-coded squares corresponding to the tree types. At the bottom of the discussion area is a text input field for comments and a 'SEND' button.


On the right side of the interface, a 'Messages' sidebar shows a weekly overview with buttons for each day of the week: Monday, Sunday, Saturday, Friday, Thursday, Wednesday, and Tuesday.

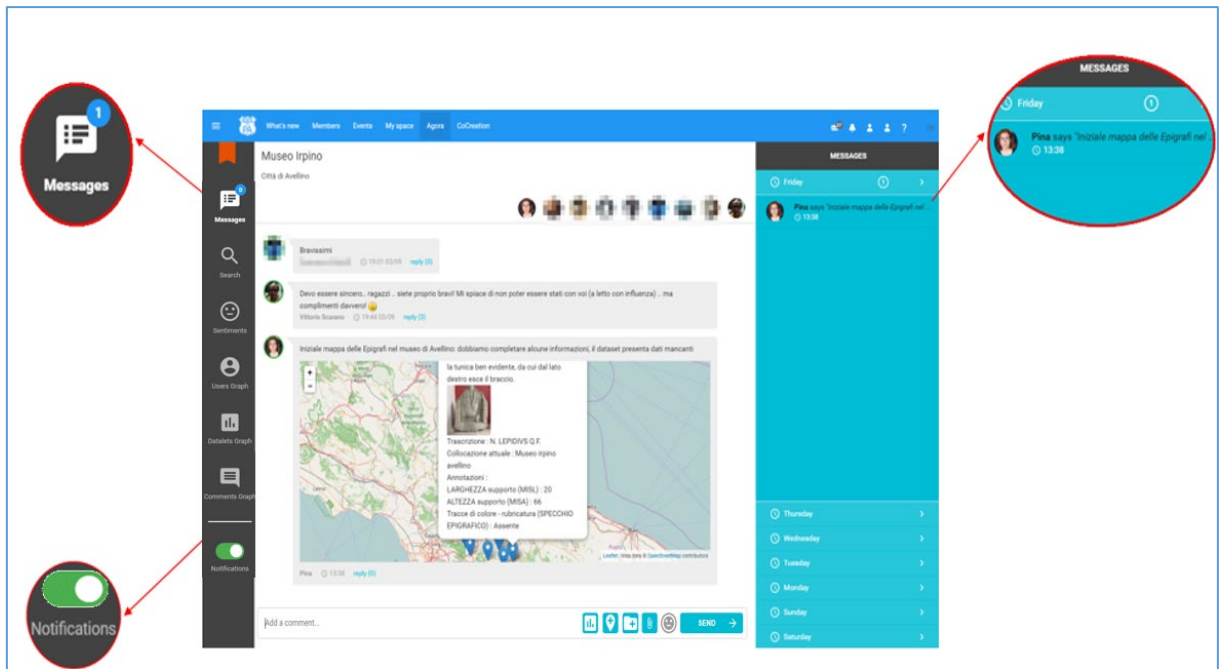
5.5.6 MESSAGES NOTIFICATIONS AND E-MAIL NOTIFICATION

Weekly messages notification


On the left top side, a user can check the number of unread messages and on the right top side, only unread messages will be displayed for every day of the week.

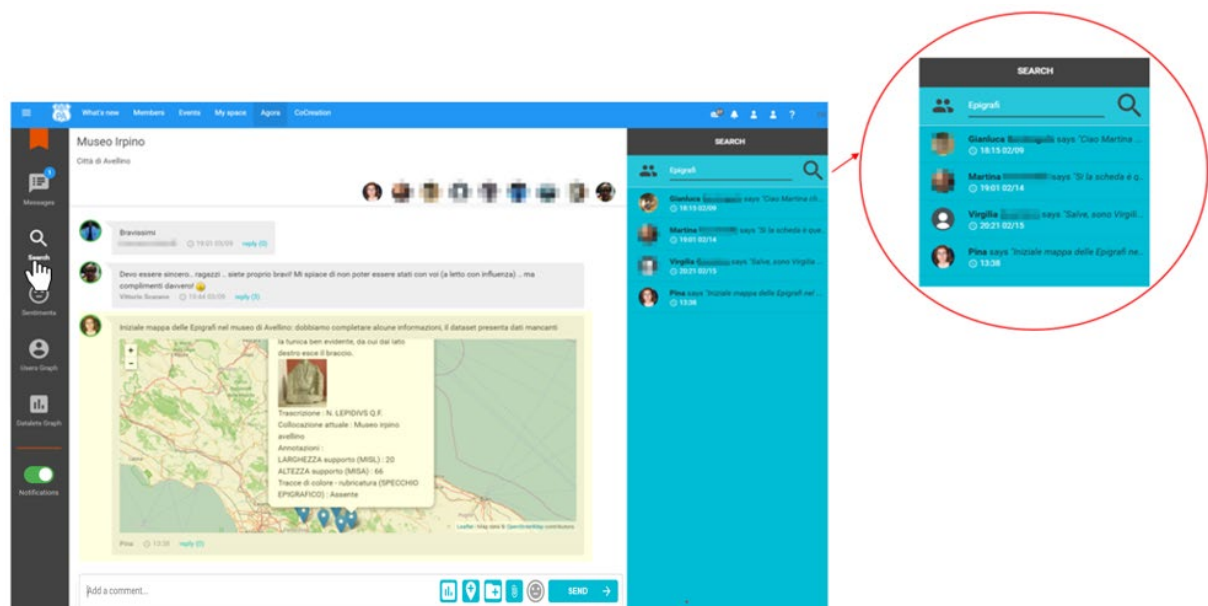
E-mail Notification

The notification enabled button () allows to keep track of the activity in each discussion with notified via e-mail.



5.5.7 SEARCH IN THE DISCUSSION ROOM

Click on the left side on the *Search* button , and on the right top side, fill out the search box.

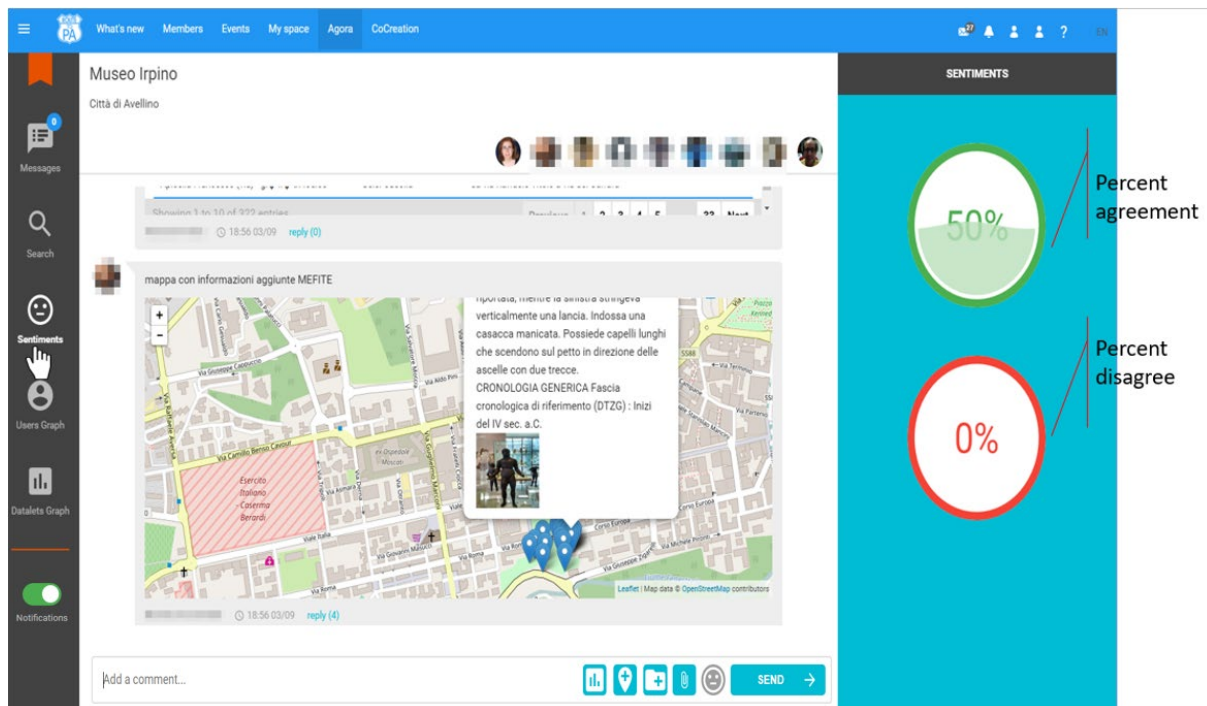


5.5.8 SENTIMENTS

Sentiment represents an emotion expressed by a user based on their opinion towards a post. Every time you add a new post in the chat, you can express you opinion by selecting from the Opinion Button (🙄):

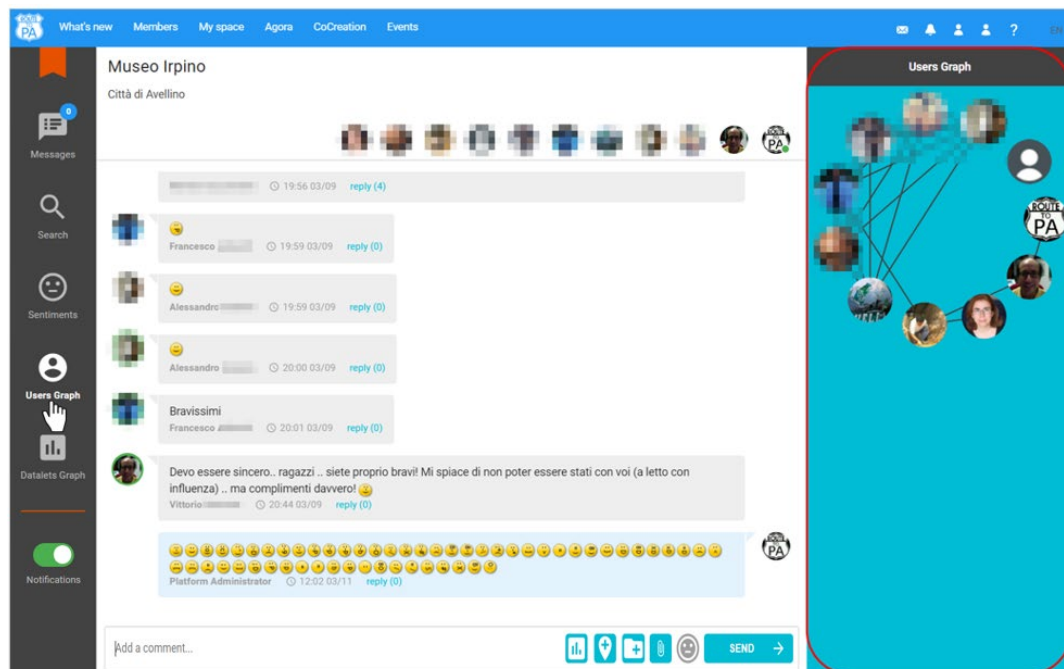
- Neutral(Grey color node in the graph)
- Agree(Green color node in the graph)
- Desagree(Red color node in the graph)

Click on the left side on the **Sentiments** button 😊, and on the right side there are a representation to display two values that represent a percentage the amount of negative sentiment and positive comments.



5.5.9 USERS GRAPH

Click on the left side on the **Users** Graph button 👤, and on the right side there are graph where each node is a user and the relation between the users shows a relationship of friendship in SPOD platform. The mouse over on user highlights all friends of the user.



5.5.10 DATALETS GRAPH

Click on the left side on the **Datalets** Graph button 📊, and on the right side there is the (bipartite) graph represents two sets, i.e., on the left side the datalet and on the right side the datasets, edges represent

relationships between them. If you bring the mouse over a node (no click) you can read the comment of the node and if you click the chat on the left will move and highlight the corresponding datalet with comment

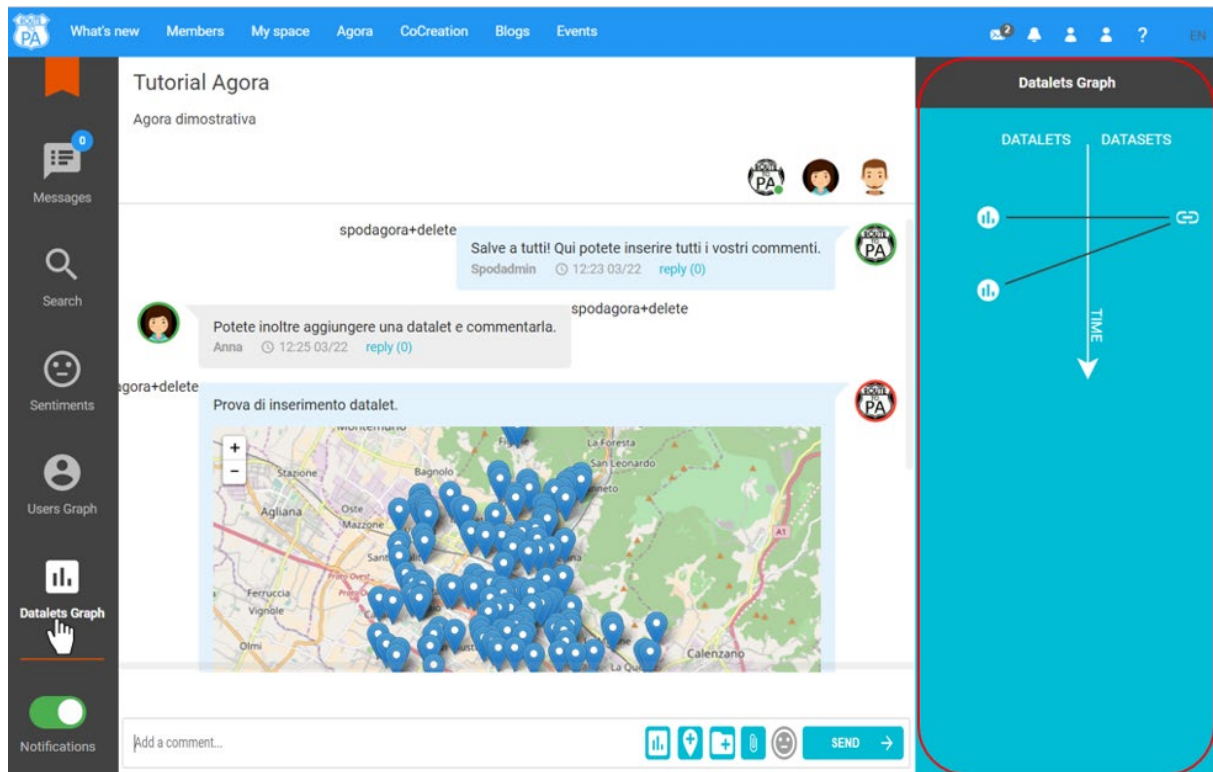



Figure 10: A Datalets-based graph

5.5.11 COMMENTS GRAPH

The comments graph () highlights the interactions among users in a discussion room. The reply tree is a graph where vertices are users and the edge represent any interaction between the users.

The comments graph:

- Each node of the graph represents an user
- The edge between the user represents the reply between the users and the white edges represent the interaction among users
- The Individual answers become white highlighted incoming and outgoing edges upon mouse-over of the specific user
- The activity is represented the “reply to” edges, labelled with the number of replies of an user
- The thickness of each edge shows the number of received replies of an user

Route to PA What's new Members My space Agora CoCreation Events

Museo a Benevento

<http://www.eptbenevento.it/luoghi.php?comune=70>
 19:42 06/21 reply (0)

Ok visto che dobbiamo giungere ad una soluzione io credo che bisogna individuare questi punti: 1)Località 2)Tipologia del Museo 3)Motivazione 4) Punti di Forza 5)Mancanze
 17:16 06/22 reply (43)

Quindi Sant'Agata De Goti, Palazzo Ducale per la sua storicità e posizione.
 17:25 06/22 reply (14)

Vogliamo votare? Questo è quello che è uscito dalla discussione fino ad ora : Quindi Sant'Agata De Goti, Palazzo Ducale per la sua storicità e posizione, luogo di interesse storico da riqualificare e che ripercorre l'atmosfera del museo che sarà LE STREGHE. Percorso interno al palazzo attraverso oggettistica, quadri, sculture e filmati. Possibilità di eventi ecc.
 18:01 06/22 reply (13)

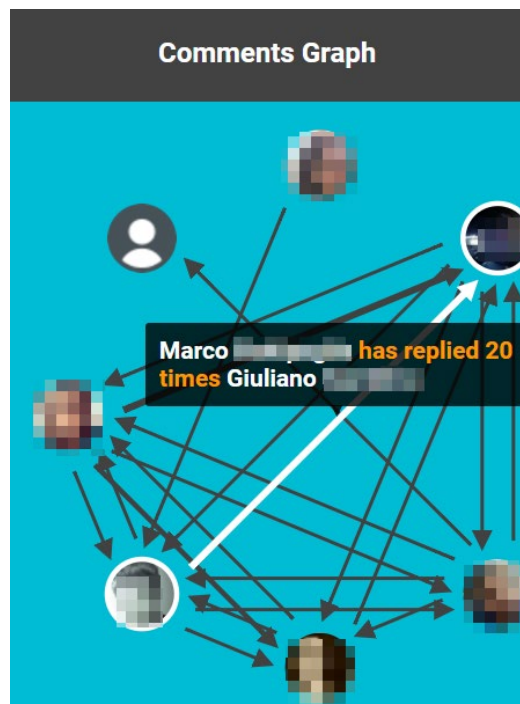
<http://www.eptbenevento.it/luoghi.php?comune=70>
 Maria Anna Ambrosino 14:42 06/30 reply (0)

14:43 06/30 reply (0)

Add a comment...

SEND →

Comments Graph



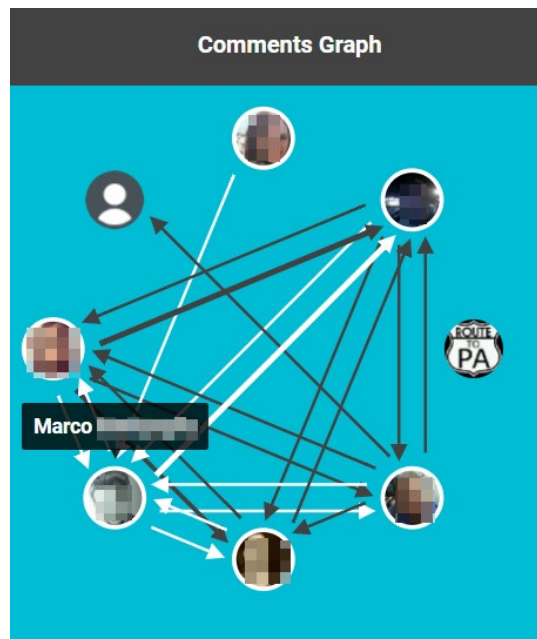


Figure 11: Individual answers of a user become highlighted with white incoming and outgoing edges

5.5.12 DELETE OR MODIFY A COMMENT

Delete or modify a post/comment: only the comment owner, or an administrator, can modify and delete comments.

The screenshot shows the ROUTE TO PA web application interface. The top navigation bar includes links for "What's new", "Members", "My space", "Agora", "CoCreation", and "Events". The main content area displays a post titled "La DATALET più bella!" with the text "Ogni settimana sarà scelto un argomento e le Datalet più belle saranno ricondivise, quindi impegnatevi :D". Below the text is a bar chart titled "Prodotti campani certificati" showing the number of certified products for different categories. A "delete" button is visible next to the chart. The right sidebar shows a "Messages" section with a message from "Vittorio" at 18:53. The bottom of the interface has a "Add a comment..." input field and a "SEND" button.

Certificazione	Altri prodotti di origine animale	Carni fresche	Formaggi	Oli e grassi	Ortofrutticoli e cereali	Pasta alimentare
D.O.P.	1	3	5	4	0	0
I.G.P.	1	7	1	0	0	0

5.6 MY SPACE

My space is the place where each user can manage datalets, text and link in a personal area, as a reminder or for later use within a post (in What's new or in the Public rooms of the Agora).

The “My” space organizes and archives a list of item namely, text notes, datalets (i.e. visualization of datasets), URL (web pages) etc. for additional discussion.

A first glance at the “My space” at the start up.

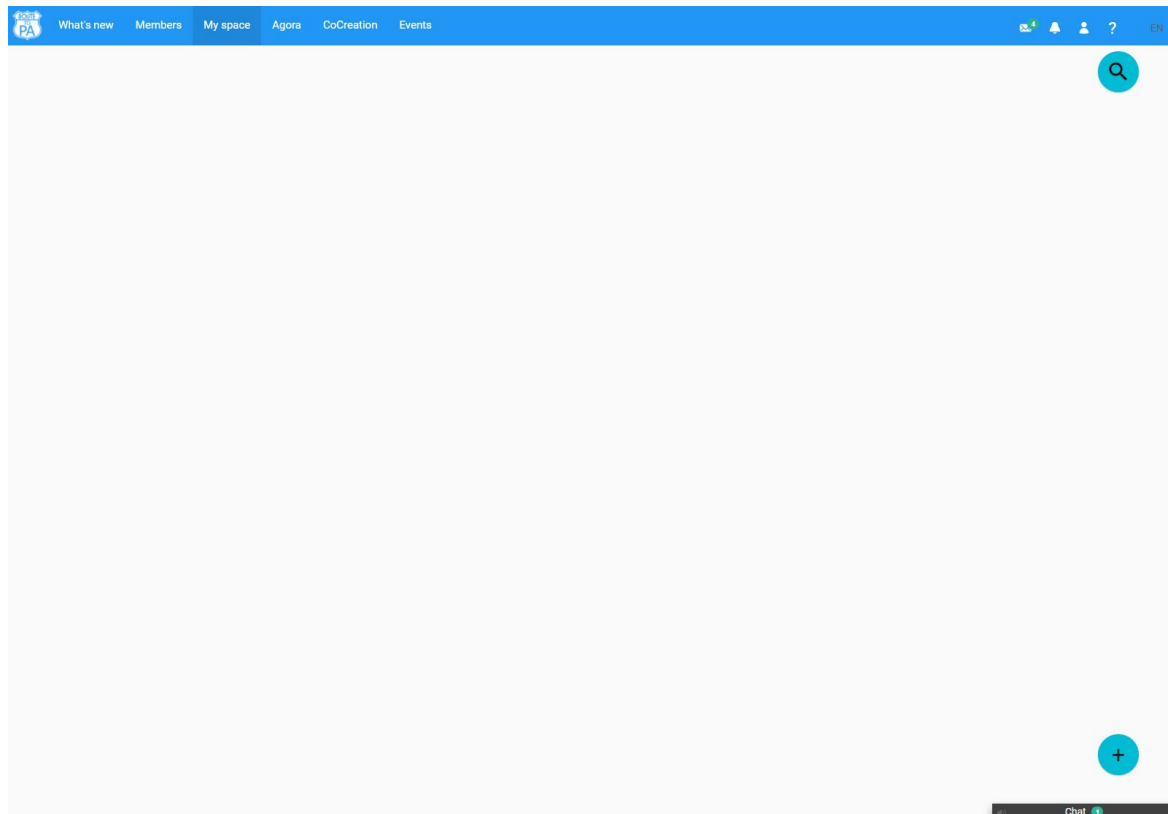



Figure 12: “My space” page is empty

Clicking on the  button, all features will be shown (see Figure below)

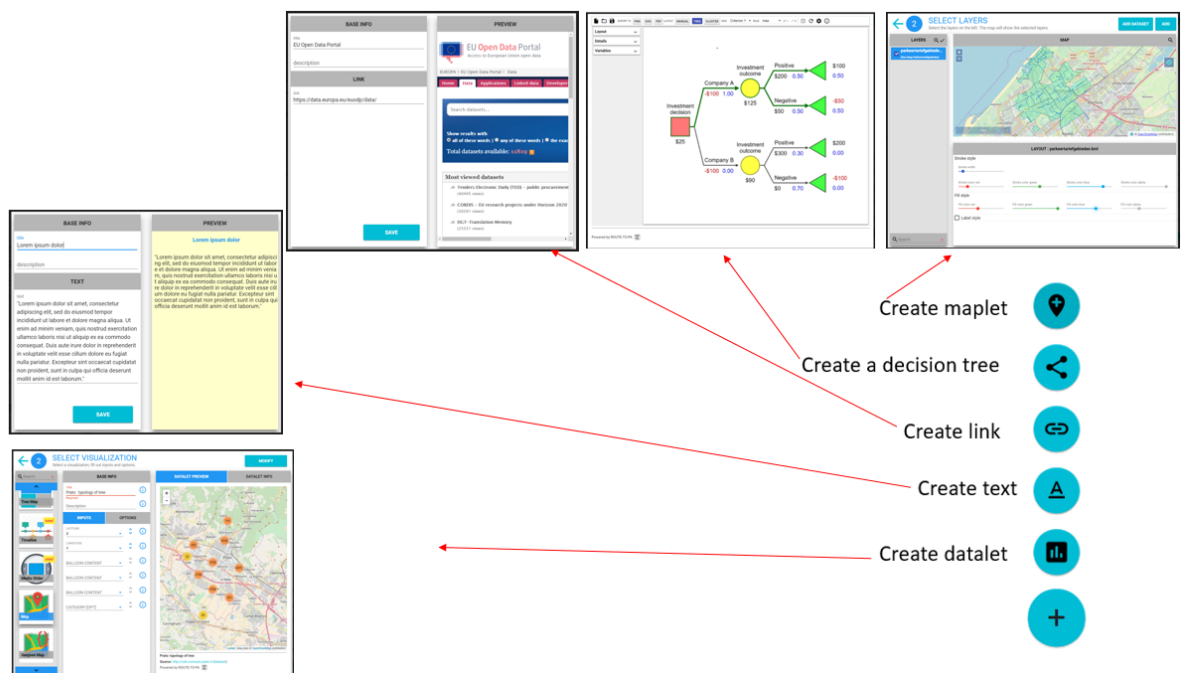
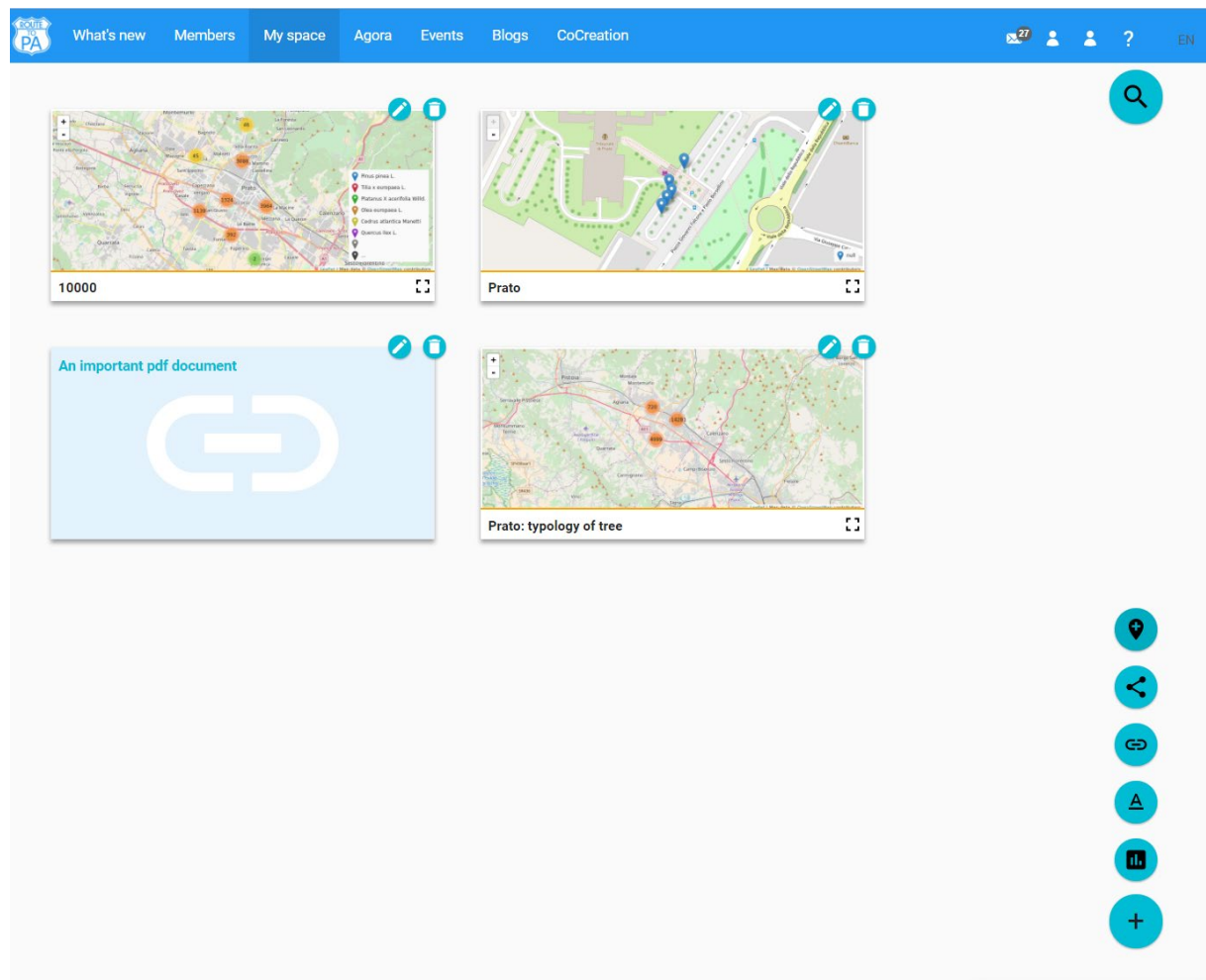









Figure 13: "My space" page shows all features

Each content is placed in a "card". You can add in a card a URL, a datalet (visualization of a dataset) or plain text, simply by clicking on the big "+" button in the right bottom corner. In order to display the content of a card, just click on the blue button in the middle of the card. Each card has also a title (in black background) and a comment (below the title). For each card, on the top, you can modify (pencil icon) or delete it (basket). The layout of the cards follows the temporal order (most recent first). You can create different types of cards:

- Maplet ()
- Decision tree ()
- Link card ( button)
- Text card ( button)
- Open Data visualization ( button)

To display content just click on the  button in the right side of the card. When a user tries to view its own datalets in their private space, SPOD does not contacts the actual data provider but retrieves the data from its own database. This allows for a great speed improvement and in a better user experience.

5.6.1 INCLUDE A DATALET

Click on  button to include a datalet.

In "My space" page, a first card includes a map as datalet with comments (see Figure 14).

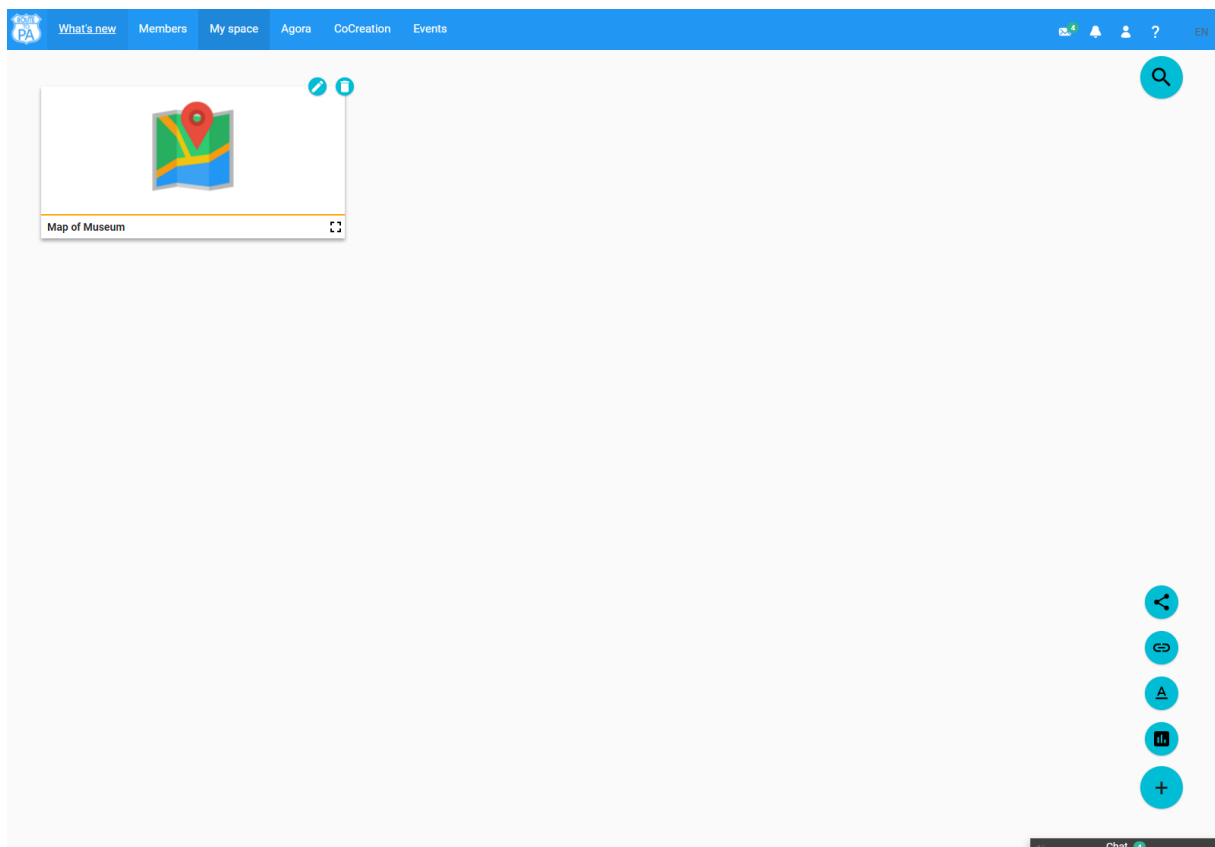



Figure 14: A first card of a datalet in My space

5.6.2 TAKE-NOTES

Create a dataset visualization




Click on  button, a note is added in the "My space" page, filling out the following section and a preview of the notes is displayed on the right side (see Figure 15, Figure 16):

- **Title:** title of the a new card to visualise on the black bottom section
- **description**
- **text**


Figure 15: Add a note in My space

Figure 16: A new note is added in My space

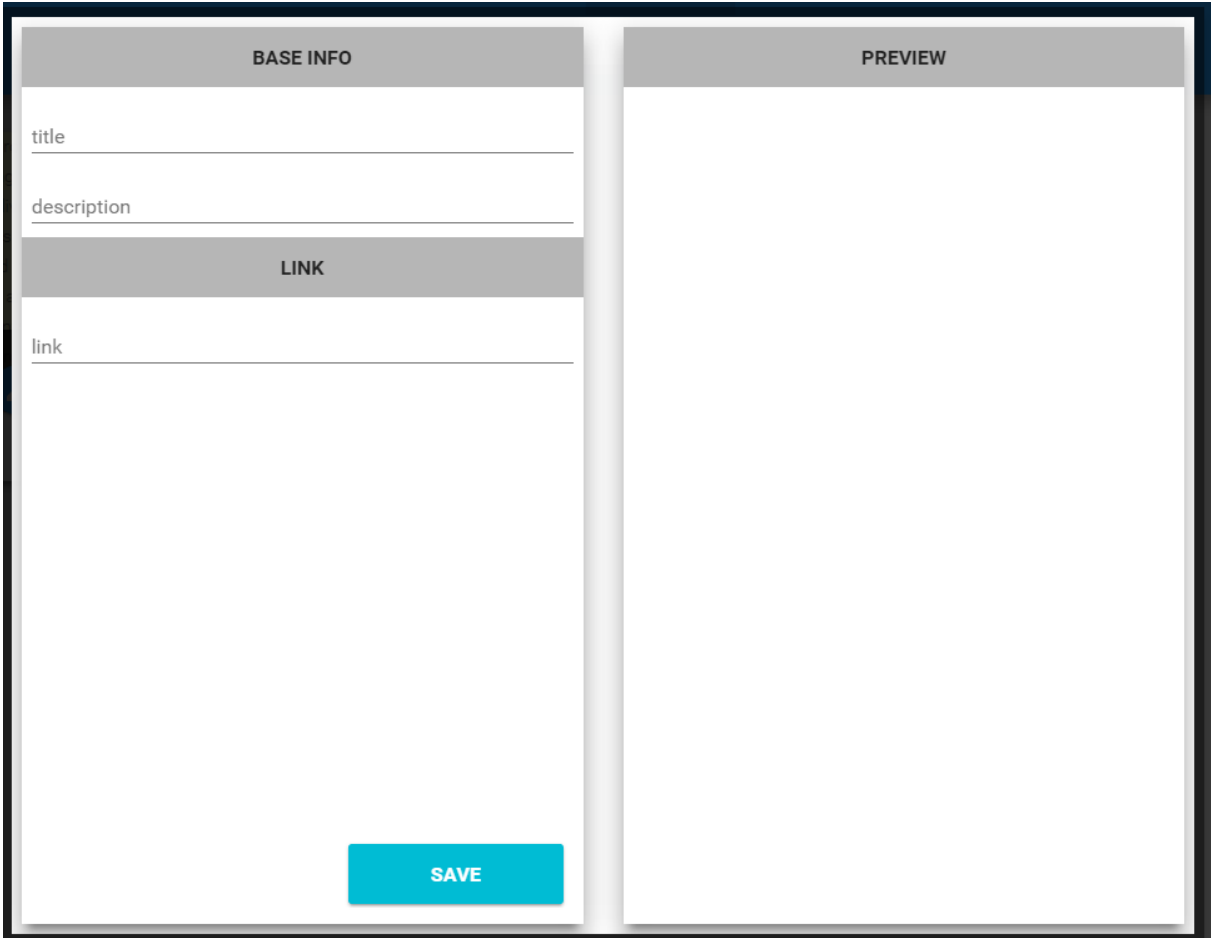
Modify, delete and preview of a note

It possible to see a preview of a selected card (e.g., notes) clicking at the right bottom on  button or modify  or delete  it.

5.6.3 ADD LINK

Click on  button, a link with a comment is shared filling out the following section (Figure 17, Figure 18):

- Title
- description
- link: address of datasource



The screenshot shows a web interface for adding a link. It is divided into two main panels: 'BASE INFO' on the left and 'PREVIEW' on the right. The 'BASE INFO' panel has a header 'BASE INFO' and contains two text input fields labeled 'title' and 'description'. Below these is a section header 'LINK' followed by a text input field labeled 'link'. At the bottom of the 'BASE INFO' panel is a blue 'SAVE' button. The 'PREVIEW' panel is currently empty.

Figure 17: A link in My Space

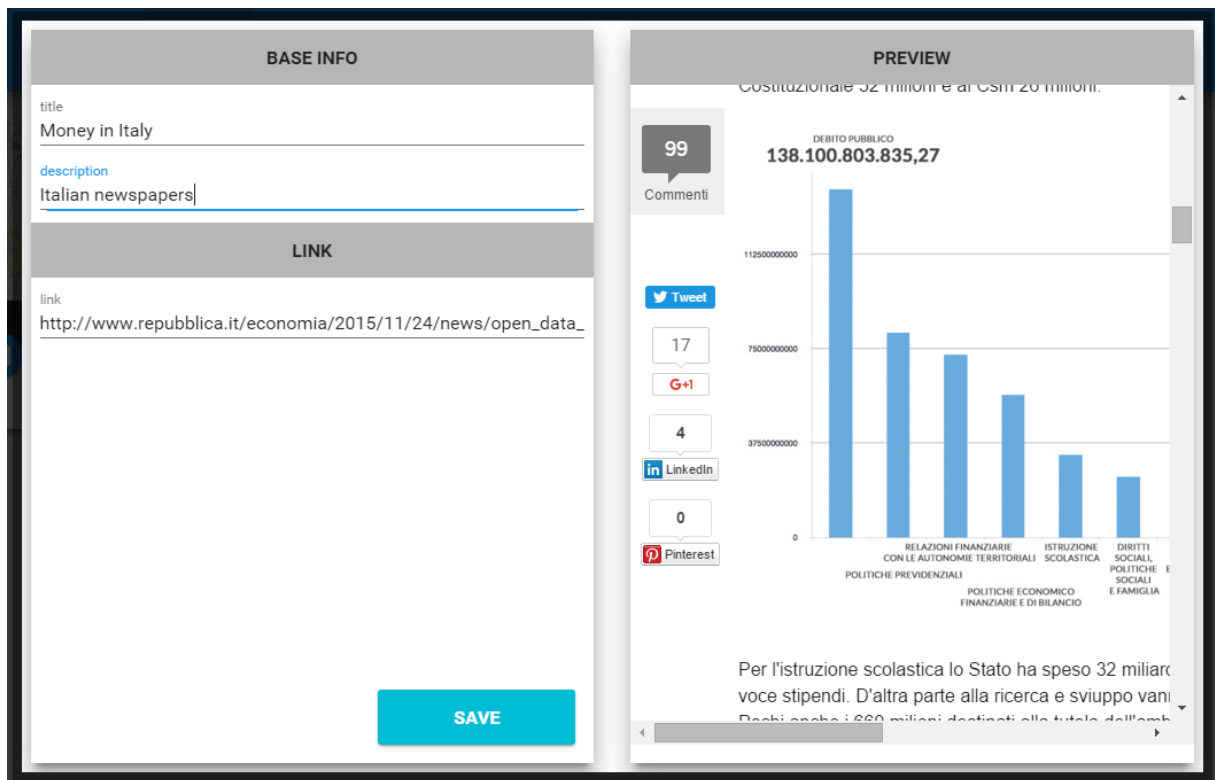





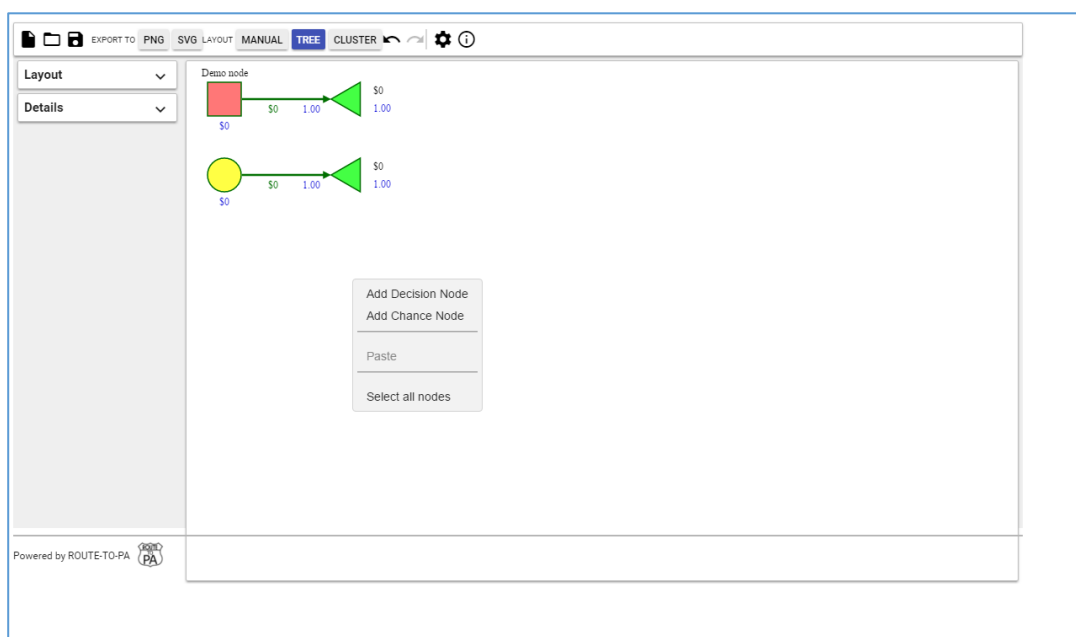
Figure 18: A new link is added in My space

Modify, delete and preview of a link

It is possible to see to modify or delete of a selected card (e.g., link) clicking at the top right on buttons  or  respectively.

5.6.4 ADD A DECISION TREE

SilverDecisions can be used in My Space of the SPOD platform, clicking on the button .



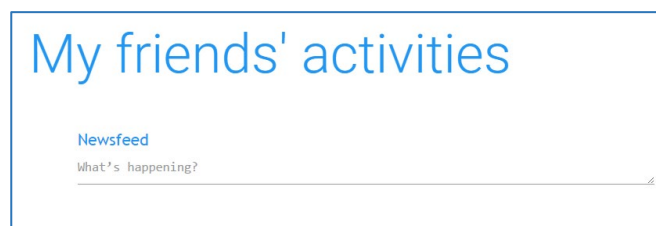
6 DATASET VISUALIZATION: CONTROLLET


SPOD allows the creation of visualizations from Open Data (OD) stored on any external OD platform. In particular, SPOD platform supports CKAN/TET, OpenDataSoft platforms as well as other external sources.

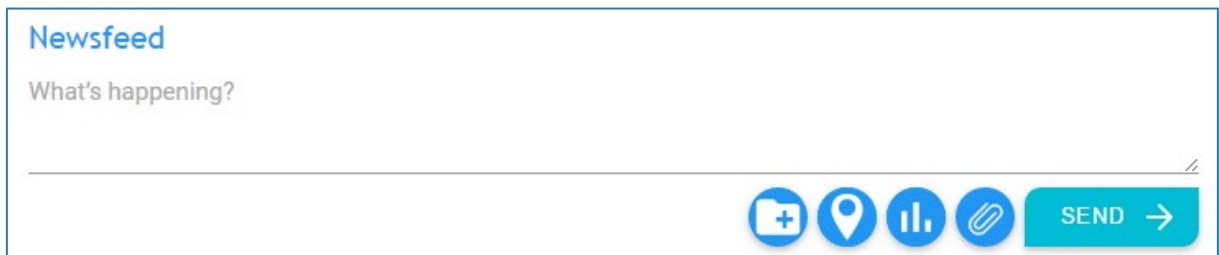
SPOD supports the creation of visualization from any other external dataset with the copy and paste of its URL. Users create visualizations through a step by step usable wizard named Controllet.


6.1 VISUALIZATION AND DISCUSSION ON DATASETS

A new discussion can start on the selected dataset and visualise a specific chart starting a discussion on Open Data. To post a new chart and a comment, e.g., in “*My friends’ activities*” page, by clicking on the “*What’s happening*” text:



The  button for SPOD appears.



Clicking on  button, the following section “*Dataset source*” shows how to import many datasets using standard CKAN web API and visualize them.

Several steps will allow to add data visualization of your chosen chart.

6.1.1 VISUALIZATION OF OPEN DATA FROM AVAILABLE OPEN DATA PROVIDERS

The first step offers more options to select a dataset (e.g., FROM PROVIDERS, FROM COCREATED, FROM EXTENDED SEARCH).

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: All

Structures petite enfance à Issy-les-Moulineaux

Les dépenses de fonctionnement par types de services à la population

Déchèteries fixes de Grand Paris Seine Ouest

Liste des établissements scolaires à Issy-les-Moulineaux

Les panneaux électroniques d'information à Issy-les-Moulineaux

Structure des recettes d'investissement

Les cimetières et pompes funèbres à Issy-les-Moulineaux

Résultats des exercices budgétaires à Issy-les-Moulineaux

Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulin...

DATASET INFO

61 Rue d'Erevan

Issy-les-Moulineaux, Ile-de-France

Visualizza su Google Maps

Showing 1 to 20 of 949 datasets

< >

Search

×

Selected url

https://data.issy.com/api/records/1.0/search?dataset=les-panneaux-lumineux-a-issy-les-moulineaux

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: Issy-les-Moulineaux

Validations sur le réseau ferré : Profils horaires par jour type (1er...

Description et tarif des titres de transport en Ile-de-France

Résultats 1er tour élections municipales et communautaires d...

Les entreprises isséennes membres de Cap Digital

Les cimetières et pompes funèbres à Issy-les-Moulineaux

Résultats des exercices budgétaires à Issy-les-Moulineaux

Etablissements sanitaires à Issy ou à proximité

Structures petite enfance à Issy-les-Moulineaux

Liste des établissements scolaires à Issy-les-Moulineaux

Résultats 1er tour élections municipales et communautaires d...

publisher: Ville d'Issy-les-Moulineaux

domain: issy-les-moulineaux

description:

Ce fichier contient les résultats des élections municipales du 23 mars 2014 à Issy, bureau de vote par bureau de vote, candidat par candidat. Le fichier contient les données de localisation des bureaux de vote.

Showing 1 to 20 of 31 datasets

< >

Res

×

Selected url

https://data.issy.com/api/records/1.0/search?dataset=resultats-1er-tour-elections-municipales-et-communautaires-du-23-mars-2014-a-issy

Figure 19: Search for provider or dataset: search for open data provider, clicking on the search, named Provider, on top of the left side or search for dataset, clicking on the search on the bottom of the right side.

STEP 1)

Search a specified dataset, typing the first character in the search (e.g., typing “Les entre”), and metadata of the dataset, made available from the selected open data provider and showed on the right side, help to know the dataset. On the top of the right side, the “green” narrow, on the top of the right side, notifies to go on the next step.

Try your datalet with the following API address:

API URL = https://data.issy.com/api/records/1.0/search/?dataset=entreprises-tic-issy&rows=150&sort=nom&facet=sous_secteur&facet=membre_d_un_reseau

The wizard for create a datalet suggests several open data providers to choice a dataset

- **FROM PROVIDERS:** a list of open data providers; these settings are edited through the administration screens
- **FROM COCREATED:** a list of available datasets created and published in the “co-creation data” room

FROM PROVIDERS

Search a dataset in an open data provider, at first select an open data provider, then search a dataset, for example, with search key “Le en”. The selected dataset shows, on the right side, the metadata.

1 SELECT DATASET
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS | **FROM COCREATED** | **FROM EXTENDED SEARCH**

Provider: Issy-les-Moulineaux

Les entreprises isséennes membres de Cap Digital

Les entreprises TIC à Issy-les-Moulineaux

Les enclos à sapins

Les entreprises TIC à Issy-les-Moulineaux

publisher: Ville d'Issy-les-Moulineaux
domain: issy-les-moulineaux
description:
Ce fichier contient des informations sur les entreprises du domaine des Technologies de l'Information et de la Communication à Issy-les-Moulineaux: noms, localisation, effectifs, sous-secteur, appartenance à un réseau d'entreprises du territoire.
license: Licence Ouverte (Etalab)
records_count: 150
title: Les entreprises TIC à Issy-les-Moulineaux
modified: 2015-02-10T11:39:29+00:00
visibility: domain
language: fr

Showing 1 to 3 of 3 datasets

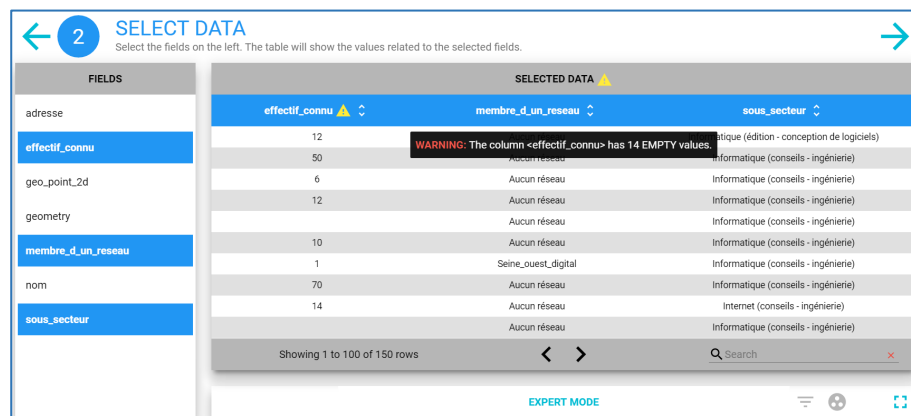
Selected url
<https://data.issy.com/api/records/1.0/search?dataset=entreprises-tic-issy>

Les en

Step 2)

As support of creation of chart, an analysis of the data quality suggests the error type of each field of the dataset, for example, the below screenshot shows a yellow triangle as warning to highlight empty values to exclude for the creation of the chart with the “Expert Mode” section.

Once you have chosen a dataset, you move to the second step (by using the arrows on top right) for selecting the fields. On the left, you can find the fields that are available. As you choose which field to select, a preview of the data is shown on the table to the right. When you are done with the field selection you can move forward by clicking on the arrow on the top right (or if you wish you can go back to the previous step with the arrow to the top left).



EXPERT MODE

Click on the “EXPERT MODE” section to show Filter, Group by and Query sections.

To exclude all null values (or undefined) of a specific fields, FILTER section is selected adding the following operation (e.g., selecting as field the null highlighted field, “*effective_connu*” field with the operation “not =”, see below screenshot)

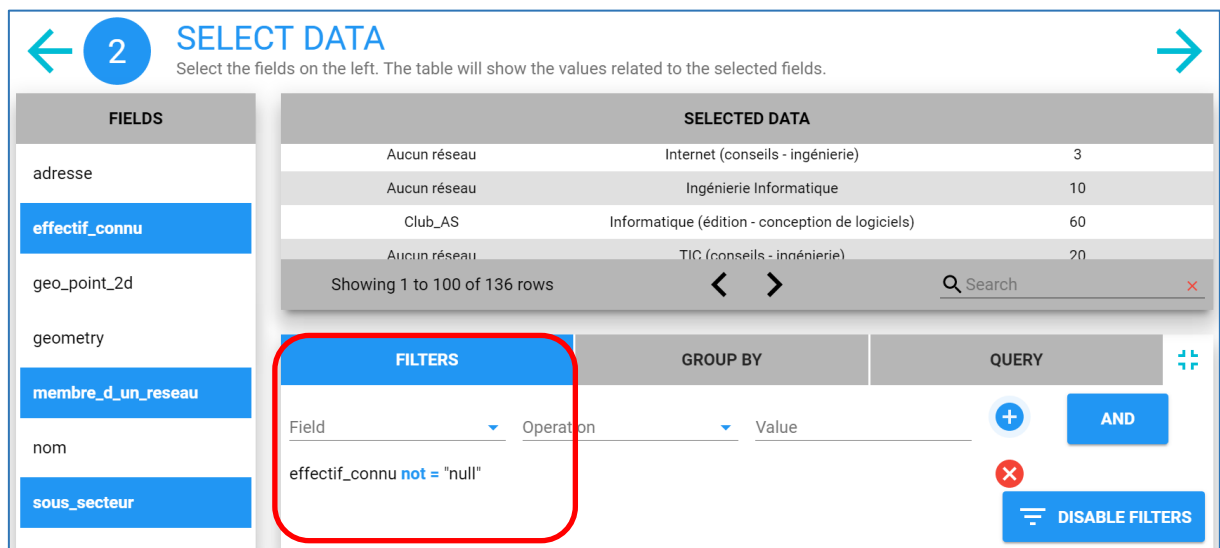


Figure 20: An example of filter mode to exclude null values highlighted in the previous warning of the above screenshot

Clicking on the “Disable Filters” button, the below screenshot shows what it happens, e.g. the “Filters” mode is disabled and again the warning is showed.

←

2

SELECT DATA

→

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS

adresse

effectif_connu

geo_point_2d

geometry

membre_d_un_reseau

nom

sous_secteur

SELECTED DATA

sous_secteur	COUNT(sous_secteur)
Informatique (conseils - ingénierie)	47
Informatique (édition - conception de logiciels)	40
TIC (conseils - ingénierie)	8
Télécommunications (conseils - ingénierie)	30
Audiovisuel (conseils - ingénierie)	8

Showing 1 to 10 of 10 rows

Q Search

×

FILTERS

GROUP BY

QUERY

+

+

×

×

GROUP BY

CALCULATE

Field

GROUP BY sous_secteur

Calculate COUNT of sous_secteur

+

+

×

×

+

DISABLE GROUP BY

STEP 3)

Different charts are available, and are shown on the left, in a list that includes details like the name, type and description of inputs and settings supported by each chart. Once a chart is selected, you must choose, for each input required by the chart, the corresponding field from the set you selected in step two. You can also customize the chart by setting a title, comments, labels on the axes, and so on. While you make changes, the preview is shown on the right, so that you can control the effect of your choice right away. When you are satisfied, you can add the Datalet by clicking on the "Add" button.

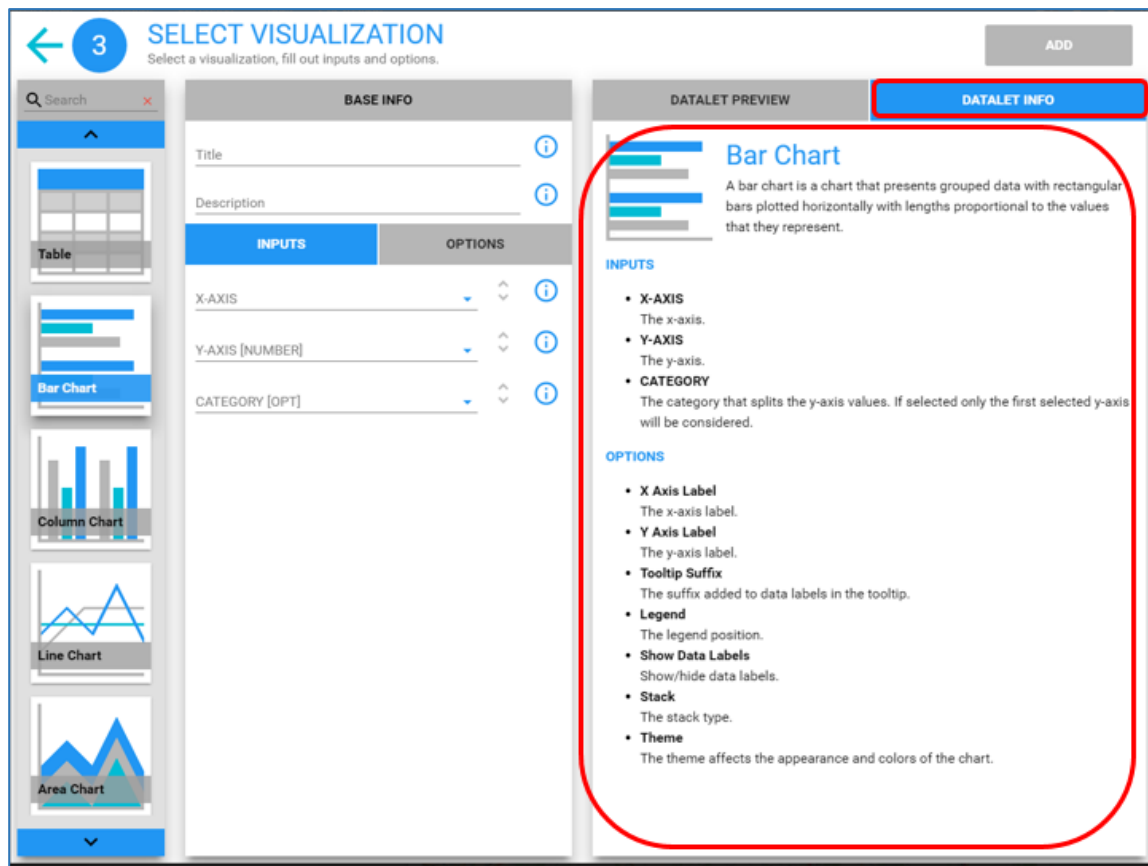


Figure 21: Select a chart on the left side and details are available on the right side in the "DATALET INFO" section

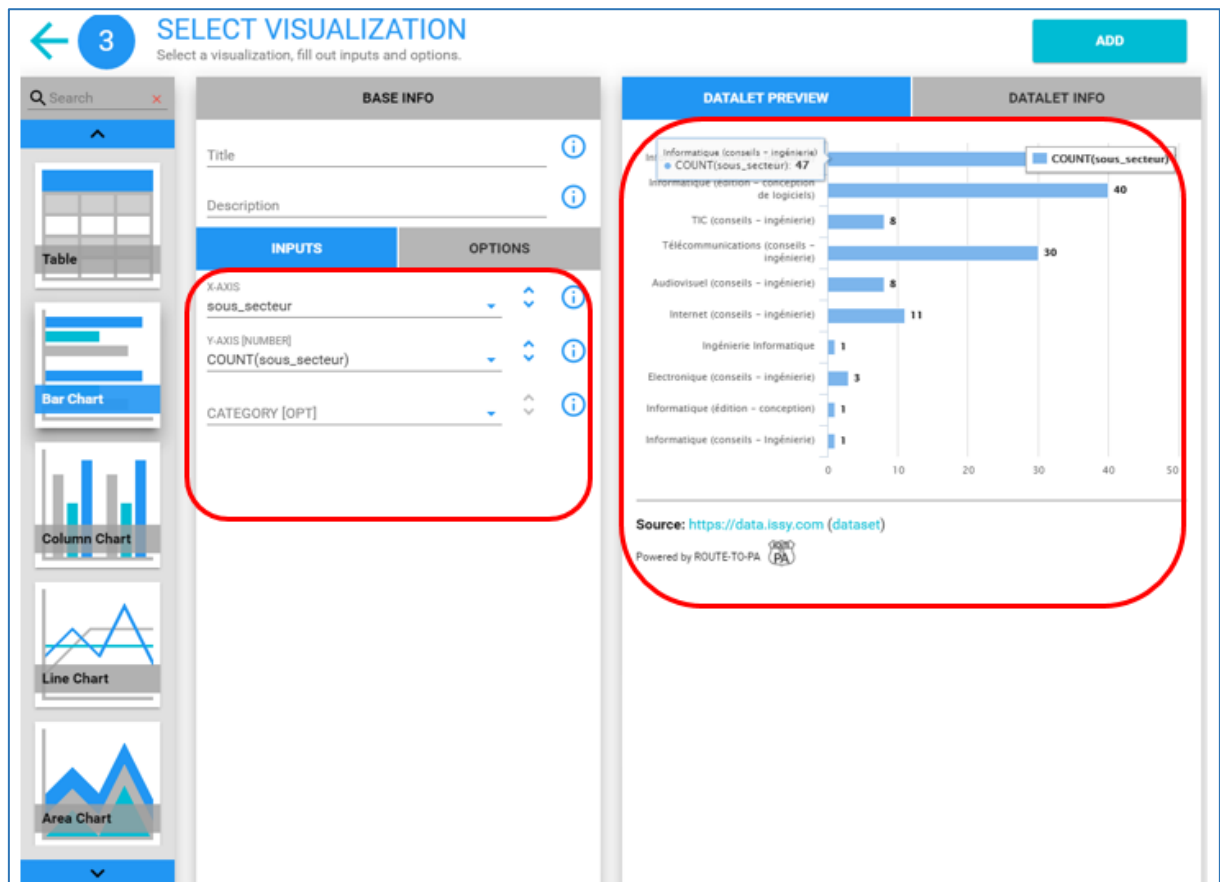


Figure 22: "INPUT" section to fill in and a preview of the dataset is available on right side

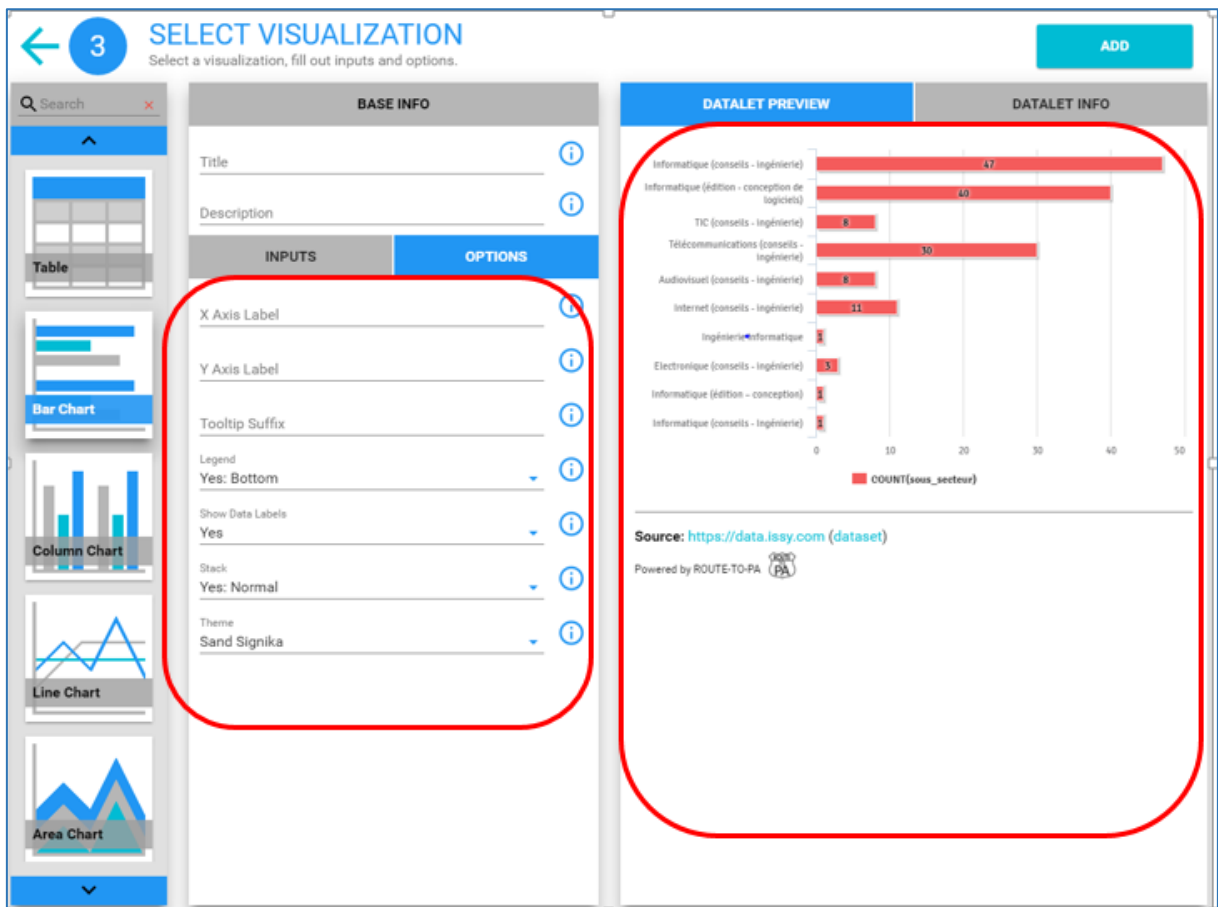



Figure 23: A custom chart with the "OPTIONS" section

6.1.2 VISUALIZATION OF OPEN DATA FROM REMOTE DATASETS

STEP 1) "Dataset api data url"

The Controllet allows the visualization of remote datasets by clicking on "Selected url" text to import a chosen remote dataset.

Selecting as Open Data provider¹, TET provider, select a dataset with enabled API (), see the following example:

¹ <http://dublin-tet.routetopa.eu/en/>

Log in

Register

ckan

Datasets Organizations Groups About

Search

Home

Organizations

Dublin City Council

Dublin Economic Monitor

Indicator 1 Unemployment

Go to resource

Data API

Indicator 1 Unemployment

URL: <http://vmdatagov01.der.ie:8080/dataset/fb0a2897-efc5-430b-98b7-61ff446bb587/resource/78df2935-ba6c-43b0-b054-ba830ec5ed...>

Indicator 1 Unemployment

Data Explorer

xcvcxv

Embed

Add Filter

Grid

Graph

Map

70 records


« 1 – 70 »


Search data ...

Go »

Filters

_id	Quarter	National...	Dublin U...	Dublin E...
1	Q1 98	8.50%	7.60%	480.4
2	Q2 98	7.60%	7.10%	484.3
3	Q3 98	7.10%	6.60%	492.9
4	Q4 98	6.40%	5.60%	496.8
5	Q1 99	6.10%	5.20%	505.2
6	Q2 99	5.80%	4.80%	512.5
7	Q3 99	5.30%	4.30%	517.5
8	Q4 99	5.10%	4.00%	523.9
9	Q1 00	4.70%	3.70%	528.5
10	Q2 00	4.50%	3.50%	534.9
11	Q3 00	4.10%	3.30%	542.1
12	Q4 00	3.80%	2.60%	545
13	Q1 01	3.70%	2.70%	547.9
14	Q2 01	3.70%	3.00%	549.2
15	Q3 01	4.10%	3.30%	551.2
16	Q4 01	4.10%	3.30%	550.7

And click on  to know the address of the dataset to use for SPOD, if this button is not present on the provider, the dataset is not available for SPOD. Copy and paste the address showed in the “Query example (first 5 example)” section:



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CKAN Data API

Query

http://vmdatagov01.der1.ie:8080/api/action/datastore_search

Query (via SQL)

http://vmdatagov01.der1.ie:8080/api/action/datastore_search_sql

Querying »

Query example (first 5 results)

http://vmdatagov01.der1.ie:8080/api/action/datastore_search?resource_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&limit=5

Query example (results containing 'jones')

http://vmdatagov01.der1.ie:8080/api/action/datastore_search?resource_id=78df2935-ba6c-43b0-b054-ba830ec5edf4&q=jones

Query example (via SQL statement)

http://vmdatagov01.der1.ie:8080/api/action/datastore_search_sql?sql=SELECT * from "78df2935-ba6c-43b0-b054-ba830ec5edf4" WHERE title LIKE 'jones'

Example: Javascript »

Try your datalet with the following API address:

"http://140.203.155.91:8080/api/action/datastore_search?resource_id=6bba16fa-f315-47b8-af30-a01d69d0792c&limit=99999"

STEP 2)

"SELECT DATA" section allows to select the data you want to visualize. Clicking the data on the left side and they will visualize in a table on the right side.

←

2

SELECT DATA

Select the fields on the left. The table will show the values related to the selected fields.

→

FIELDS

Dublin City

Dún Laoghaire-Rathdown

Fingal

Mode

South Dublin

SELECTED DATA

Dublin City	Dún Laoghaire-Rathdown	Fingal	Mode	South Dublin
89197	18450	27206	On_foot	27765
23265	6869	3925	Bicycle	4985
55601	13908	20728	Bus_minibus_coach	22941
18175	15570	14753	Train_DART_LUAS	3152
1944	935	1007	Motorcycle_scooter	1239
82619	49525	72058	Car_Driver	68785
25987	19569	25134	Car_Passenger	24468
5231	2225	4811	Van	5128
5306	3764	3506	Other	2412
13352	2654	5325	Not_stated	4914

Showing 1 to 10 of 10 rows

<

>

🔍 Search

✕

EXPERT MODE

☰

⚙

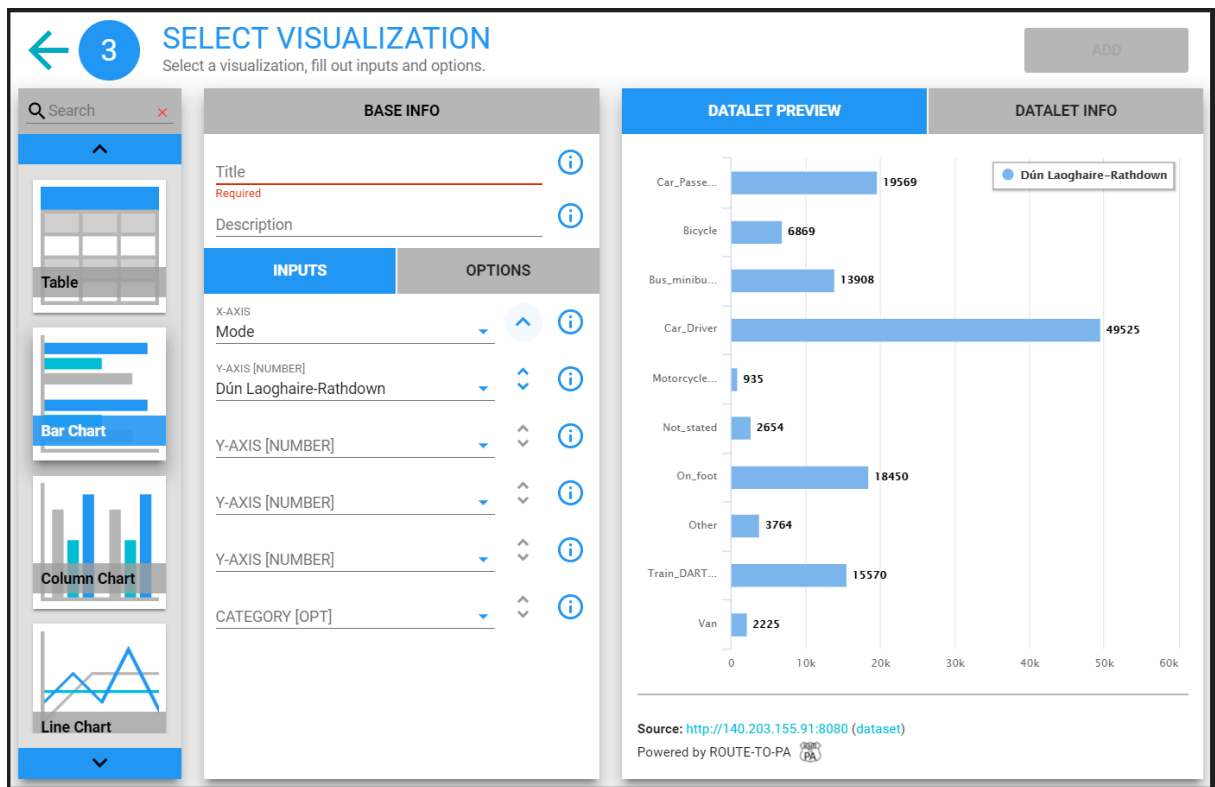
🖼

STEP 3)

“SELECT VISUALIZATION”: select and customize a chart

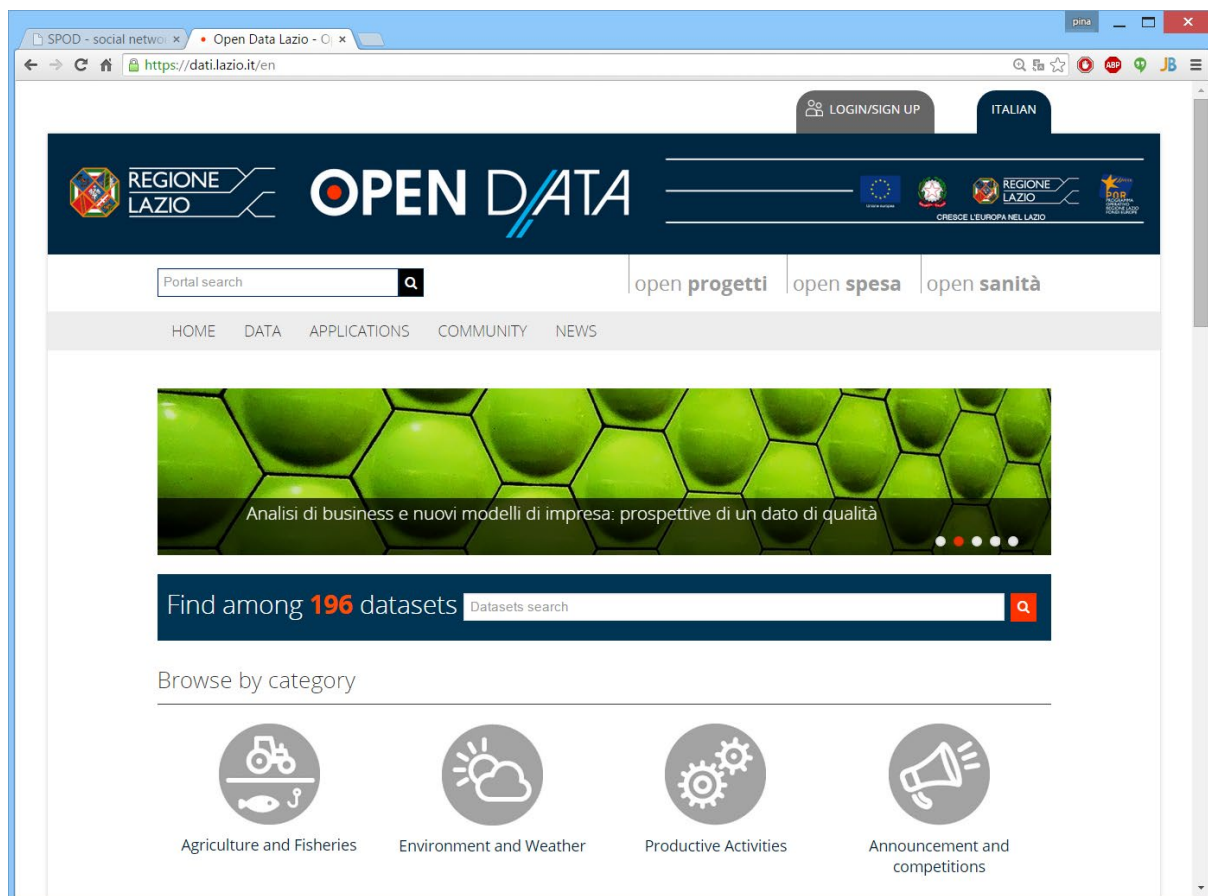
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6.1.3 ANY CKAN PROVIDERS

You can add datasets using any CKAN provider. Search an Open Data portal that is powered by CKAN (e.g., portal Open Data portal of the Lazio Region (Italy) (<https://dati.lazio.it/>)).



- The Open Data portal offers Data API to use in SPOD, by clicking on the  **Data API** button

Find among **196** datasets

Estimated Budget 2013: Expenses

URL: <http://dati.lazio.it/catalog/en/dataset/6febe802-8344-4734-b11b-ce4638234b45/resource/722b6cbd-28d3-4151-ac50-9c4261298168>
[The Expense section of the Estimated Budget 2013 of the Regione Lazio](#)

_id	Es.fin.	Capitolo	Descr. c...	Missione	Descr. m...	Program...	Descr. pr...	PdC	Descr. P...	Previsio...
1	2013	A12101	ATTUAZI...	16	Agricoltur...	3	Politica re...	2030101...	Contributi...	0
2	2013	A12102	ATTUAZI...	16	Agricoltur...	3	Politica re...	2030101...	Contributi...	0
3	2013	A12103	ATTUAZI...	16	Agricoltur...	3	Politica re...	2030101...	Contributi...	2586273,71
4	2013	A12104	ARMO - A...	16	Agricoltur...	3	Politica re...	2030303...	Contributi...	0
5	2013	A12105	ARMO - A...	16	Agricoltur...	3	Politica re...	2030303...	Contributi...	0
6	2013	A12106	ARMO - A...	16	Agricoltur...	3	Politica re...	2030303...	Contributi...	0
7	2013	A14101	PROGRA...	16	Agricoltur...	3	Politica re...	2030102...	Contributi...	0

The Open Data portal offers the address for SPOD (e.g., copy and paste the address described in the “**Query example (first 5 results)**”)

CKAN Data API

Access resource data via a web API with powerful query support. Further information in the [main CKAN Data API and DataStore documentation](#).

[Endpoints »](#)

The Data API can be accessed via the following actions of the CKAN action API.

- Create** http://dati.lazio.it/catalog/api/action/datastore_create
- Update / Insert** http://dati.lazio.it/catalog/api/action/datastore_upsert
- Query** http://dati.lazio.it/catalog/api/action/datastore_search
- Query (via SQL)** http://dati.lazio.it/catalog/api/action/datastore_search_sql

[Querying »](#)

Query example (first 5 results)

http://dati.lazio.it/catalog/api/action/datastore_search?resource_id=722b6cbd-28d3-4151-ac50-9c4261298168&limit=5

Query example (results containing 'jones')

http://dati.lazio.it/catalog/api/action/datastore_search?resource_id=722b6cbd-28d3-4151-ac50-9c4261298168&q=jones

Query example (via SQL statement)

http://dati.lazio.it/catalog/api/action/datastore_search_sql?sql=SELECT * from '722b6cbd-28d3-4151-ac50-9c4261298168' WHERE title LIKE 'jones'

[Example: Javascript »](#)

A simple ajax (JSONP) request to the data API using jQuery:

```
var data = {
  resource_id: '722b6cbd-28d3-4151-ac50-9c4261298168', // the resource id
  limit: 5, // get 5 results
  q: 'jones' // query for 'jones'
};
$.ajax({
  url: 'http://dati.lazio.it/catalog/api/action/datastore_search',
  data: data,
  dataType: 'jsonp',
  success: function(data) {
    alert('Total results found: ' + data.result.total)
  }
});
```

[Example: Python »](#)

```
import urllib
```

Now the address of the “**Query example (first 5 results)**” is copied and pasted into the “**Select url**” section of the SPOD.

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: All

ⓘ

Prato : Biblioteche

Prato: Giardini e Prati

Wi-Fi Prato test

GeoJson-test-01

pure geojson

geo test 2

geo 33

geo 4

geo 5

Zorgboerderijen in de provincie Groningen

Collecte des ordures ménagères

Test converter: scuole a Prato

DATASET INFO

Showing 1 to 20 of 3537 datasets

< >

Search

×

Selected url

http://dati.lazio.it/catalog/api/action/datastore_search?resource_id=722b6cbd-28d3-4151-ac50-9c4261298168&limit=5

The wizard will help the user for the visualization of the selected dataset.

6.2 OPEN DATA PROTOCOL (ODATA): CBS DATA PORTAL

CBS portal is available at the following address:

- https://opendata.cbs.nl/dataportaal/portal.html?_catalog=CBS&_la=nl&tableId=37296ned&_theme=79

CBS Open data StatLine

zoeken

Bevolking; kerncijfers

Downloads

Metadata

Onbewerkte dataset

Dataset voor grafische weergave

Link naar API's

Feed (bulk download)

API (voor Apps)

Licentie

CC BY 3.0 NL

Preview

StatLine App

Tabeltoelichting

Deze tabel bevat kerncijfers over de bevolking van Nederland.

In de tabel worden de volgende gegevens onderscheiden:

- Bevolking naar geslacht;

- Bevolking naar burgerlijke staat;

- Bevolking naar leeftijd;

- Bevolking naar herkomstsgroepering;

- Particuliere huishoudens;

- Personen in institutionele huishoudens;

- Bevolkingsgroei;

- Bevolkingsdichtheid.

Het CBS herzielt de tabellen van de bevolkings- en huishoudensstatistiek. Het doel is de tabelinformatie overzichtelijker te presenteren en het aantal tabellen te verminderen. Deze tabel wordt in 2017 herzien.

Gegevens beschikbaar vanaf: 1950

Status van de cijfers:

Alle cijfers in de tabel zijn definitief.

Wijzigingen per 22 februari 2017:

De bevolkingsdichtheid op 1 januari 2016 is toegevoegd aan de tabel.

Wijzigingen per 3 oktober 2016:

De gemiddelde huishoudensgrootte in 2015 is gecorrigeerd. De correctie is het gevolg van een afrondingsfout en heeft verder geen gevolgen voor de andere cijfers in de tabel.

Wanneer komen er nieuwe cijfers uit?

In het vierde kwartaal 2017 worden de definitieve cijfers van de bevolkingsgroei over 2016 en de definitieve cijfers van de bevolking per 1 januari 2017 toegevoegd.

Tabelinformatie

Inhoudelijk

Identificer	37296ned
Korte titel	Bevolking; kerncijfers
Samenvatting	Bevolking naar geslacht, burgerlijke staat, leeftijd of herkomstsgroepering, huishoudens en bevolkingsgroei
Verslagperiode	1950 - 2016

Administratie

Laatste wijziging	2017-02-22T02:00:00
Laatste wijziging metadata	2017-02-22T02:00:00
Frequentie	Per jaar
Reden aanlevering	Actualisering
Status	Regulier

Grootte bestand

Aantal rijen	67
Aantal kolommen	70

On the left side, click on the [API \(voor Apps\)](#) link and then select the following link:

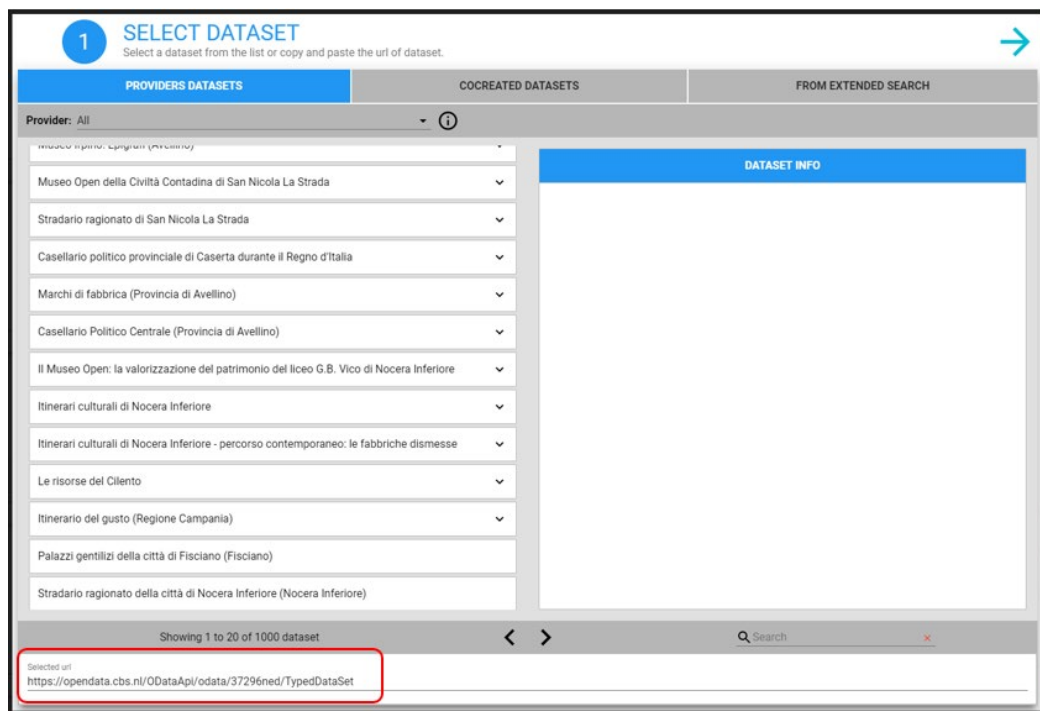
- <https://opendata.cbs.nl/ODDataApi/odata/37296ned/TypedDataSet>

```
{
  "odata.metadata": "https://opendata.cbs.nl/ODDataApi/OData/37296ned/$metadata", "value": [
    {
      "name": "TableInfos", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/TableInfos"
    }, {
      "name": "UntypedDataSet", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/UntypedDataSet"
    }, {
      "name": "TypedDataSet", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/TypedDataSet"
    }, {
      "name": "DataProperties", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/DataProperties"
    }, {
      "name": "CategoryGroups", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/CategoryGroups"
    }, {
      "name": "Perioden", "url": "https://opendata.cbs.nl/ODDataApi/odata/37296ned/Perioden"
    }
  ]
}
```

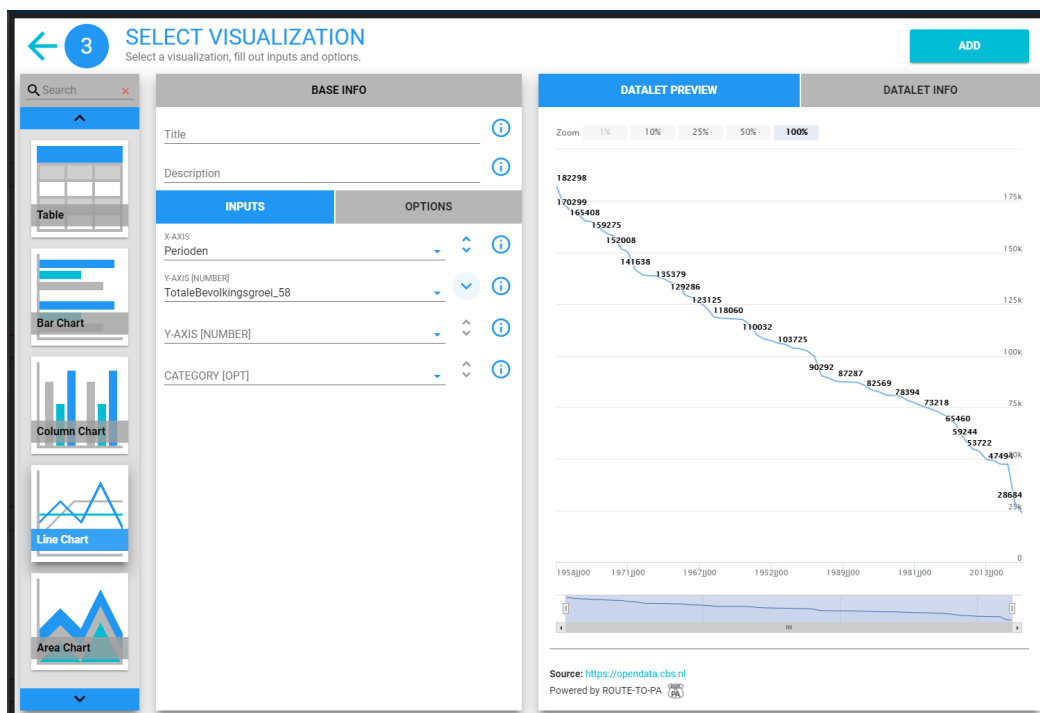
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To run in the Controllet of SPOD platform as external URL in the “Selected url”

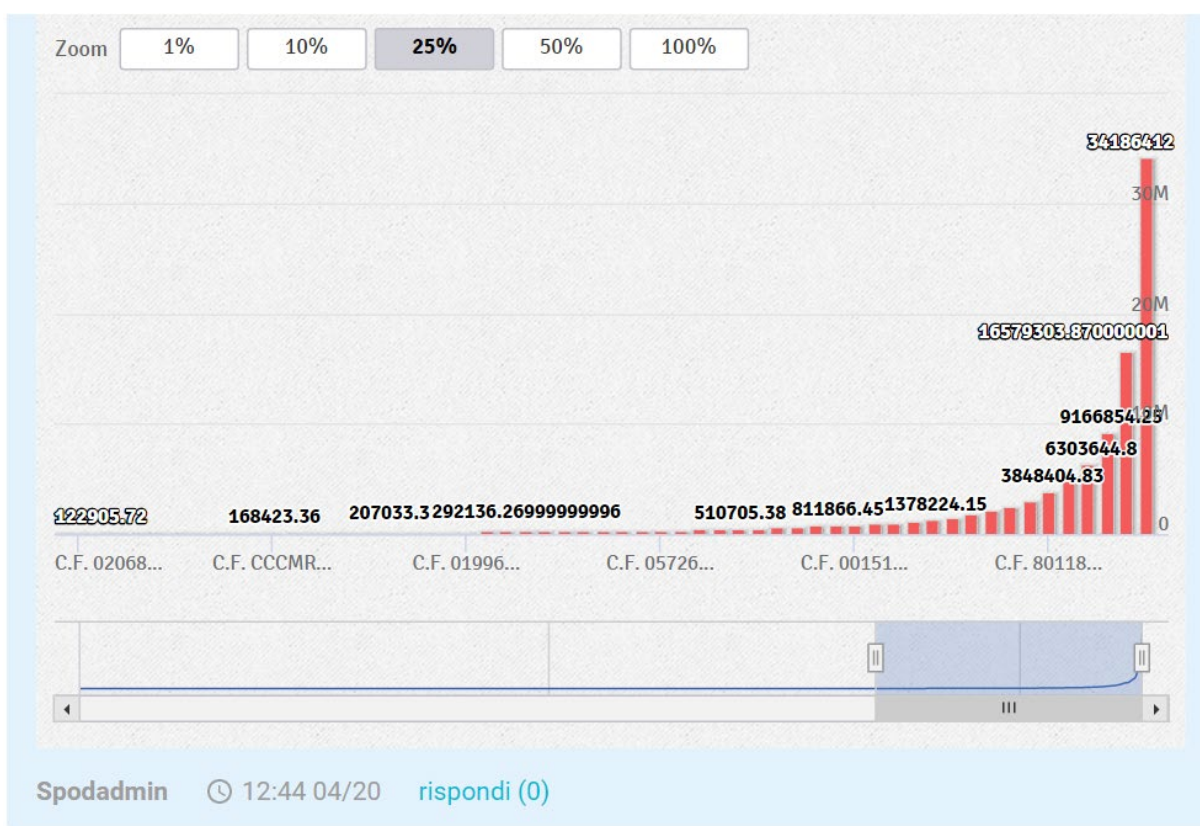
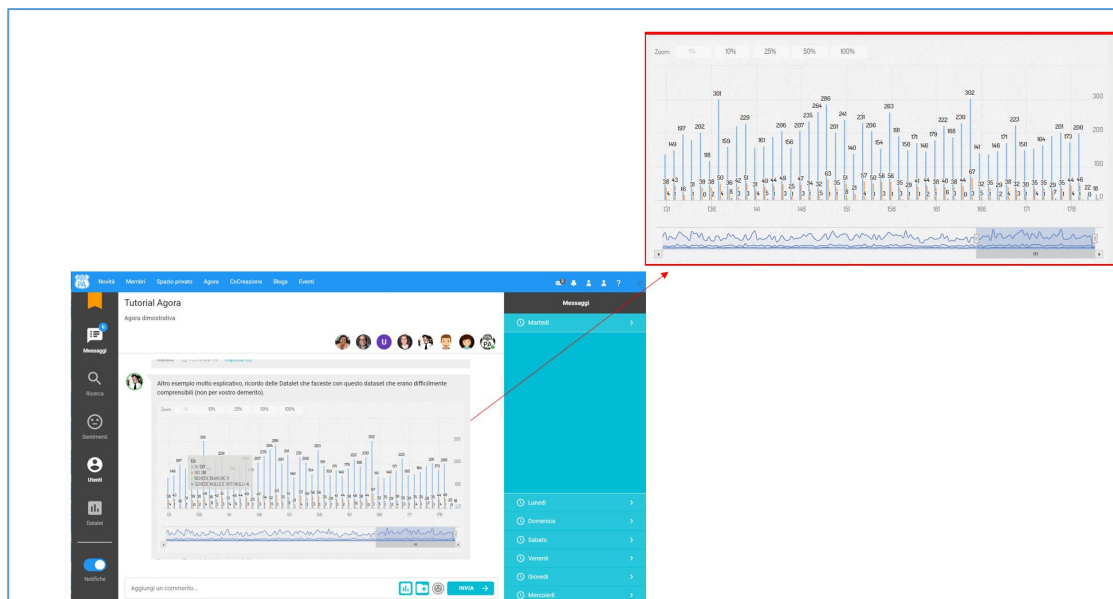


An example of datalet in SPOD




6.3 DATALET WITH DATA GROUPING


Datalets (only with “large” datasets) now introduce a slider to allow the user to filter in/out and zooming. Grouping is activated when there are many data points in the chart and it increases performance it makes it easier to spot trends in a chart.





7 CO-CREATION ROOM

A new collaborative space to guide the user to constructive discussions within a small, private (by invitation) group (named *Co-creation Knowledge room*) and to produce or create new datasets (named *Co-creation data or media rooms*).

The *Co-creation knowledge room* () includes tools specifically designed for small groups such as creating a template document for each of the three phases (e.g. Explore, Ideas, Outcome) and annotation via post-it of the datalets to be discussed (with synchronous notification for real-time discussions).

The *Co-creation data room* () allows the users produce further datasets by either manipulating existing ones on the platform (helped with an import feature in Co-creation process) or creating a new dataset (Co-creation data process) that can be shared with other users creating new datalets for starting discussion in rooms of Agora. Users can discuss and add "likes" on produced datasets.

The *Co-creation media room* () has a shared spreadsheet with fixed columns (named Title, Description, Image, Location, Date, User) that allows users to enrich with further columns allowing the publication of the created media dataset.

The Commentarium room () allows the owner of the room to upload and modify a document, and adding comments; all invited users can only add annotations to the document (that is in read only) and it is possible to mark the text originally selected when user adds a comment

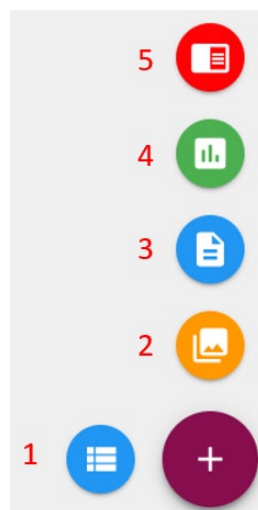


Figure 24: All features: (1) View all datasets; (2) Add a media room; (3) Add a Co-creation knowledge room; (4) Add a Co-creation data room; (5) Add a Commentarium room.

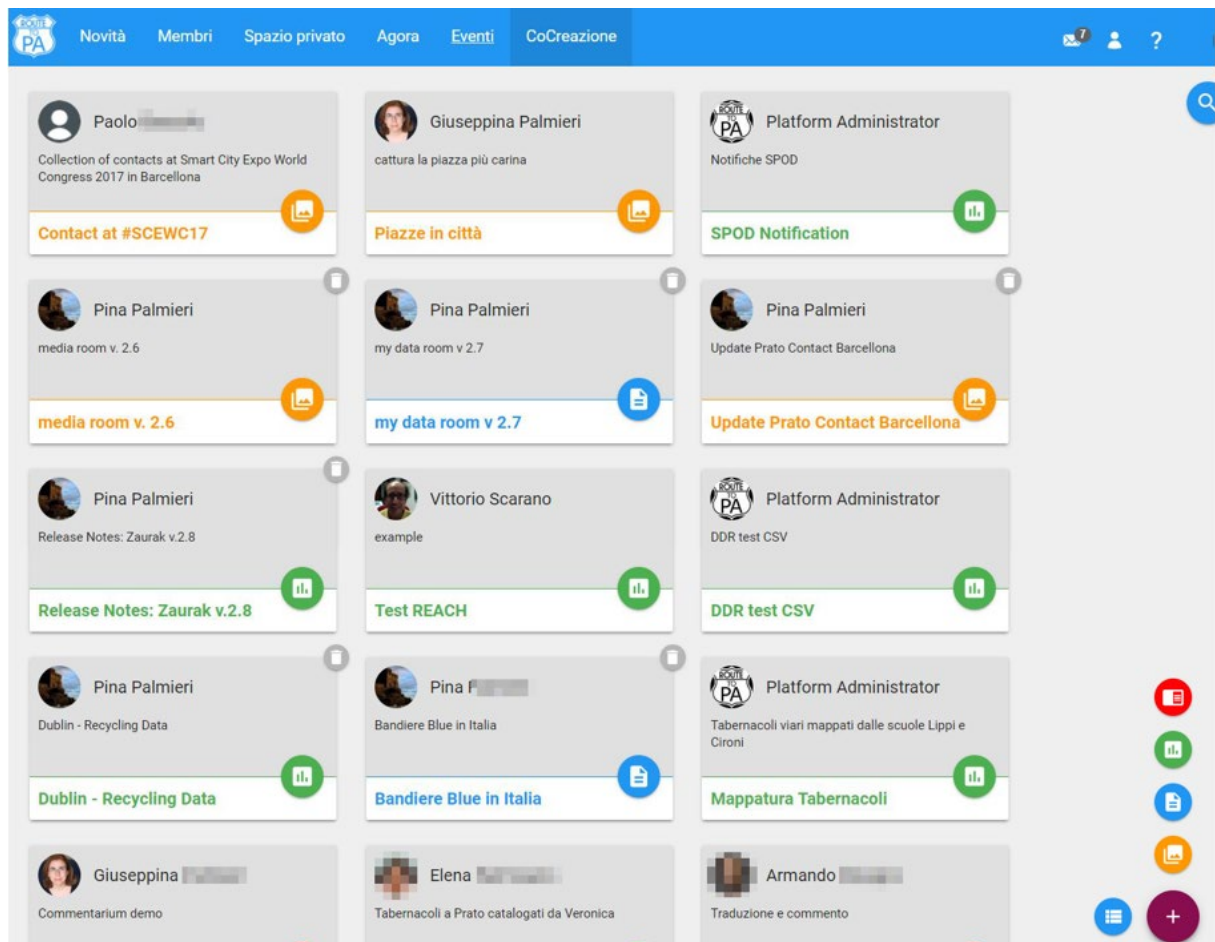



Figure 25: On the bottom right corner of the Cocreation, it is possible to create *Media*, *Knowledge*, *Data* or *Commentarium* room and take a look at all datasets

7.1 CREATE A NEW CO-CREATION ROOM

On the bottom right-hand of the Cocreation page, click on  button to fill out the details of the room:

- Name of the Room
- Description
- Metadata

CREATE A NEW ROOM

NAME


DESCRIPTION


METADATA

DCAT-AP_IT ▼

ADD NEW COCREATION ROOM →


7.2 ADD A NEW MEMBER IN A GROUPING WORK

Click on the  at the upper-right corner to invite new users to join the room.


What's new Members My space Agora CoCreation

EN

demo 1.10


+

EXPLORE

B I U S

≡ ≡ ≡ ≡

↺ ↻

T A

💬

Welcome to CoCreation room!

This pad text is synchronized as you type, so that everyone viewing this page sees the same text. This allows you to collaborate seamlessly on documents!

Chat 👤

Typing a letter, it suggests the first name starting with that letter.

ADD MEMBERS

START TYPING A MEMBER

p|

pina

[blurred]

[blurred]

[blurred]

[blurred]

[blurred]

SUBMIT

7.3 VIEW ALL DATASET

“**View all dataset**” (button) is a feature to show the datasets created and exported by groups in the Co-creation data rooms, that allows to see the dataset, the notes and the link to the dataset and more.

DATASET <input checked="" type="checkbox"/> Last version					
VER	USER	NAME	DATA	DESCRIPTION	TOOLS
1			26/07/2016		
1		Wifi Prato	25/07/2016	Wifi Prato	
1			24/06/2016		
2		Humidity of 2016	24/06/2016	The first 5 months of 2016 are covered, ...	
2		Average temp	24/06/2016	The average temperature of the first 5 m...	

Showing 1 to 6 of 6 rows

×

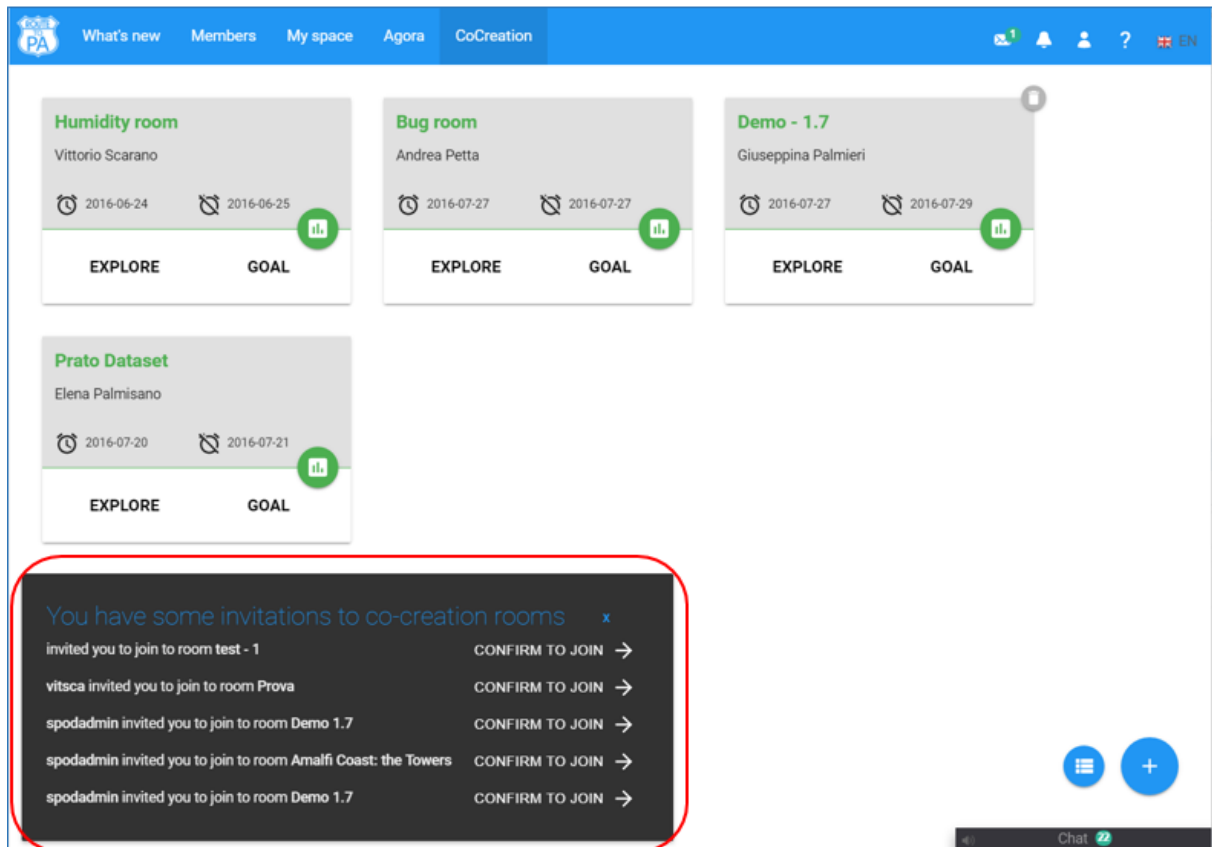
In the “TOOLS” column, on the right side, the following features are available:

- Open (button): every time you add a new dataset in the Co-creation data room, you can see any dataset in the Co-creation data room
- Downloads as CSV (button): every time you add a new dataset in the Co-creation data room, you can download the dataset as CSV file
- Copy link (button): every time you add a new dataset in the Co-creation data room, you can copy and paste the address (URL) of the dataset
- Downloads doc (button): every time you add a new dataset in the Co-creation data room, you can download the notes of the dataset as HTML file.

8 CO-CREATION KNOWLEDGE ROOM






8.1.1 NOTIFICATION IN THE CO-CREATION ROOM

When a user is invited in a room, s/he will receive a notification message, on the lower left side of the page, shows some invitations to join to specific room and clicking on the “CONFIRM TO JOIN” link to accept the invite.



Now you can select an already created room with the accepted invite or create a new room. The accepted invite will allow to see the collaborative space of the created room. Click on the “Explore” to enter into the room.

8.1.2 HOW TO START IN A ROOM

To start in a room click  menu ( green colour for data room,  orange colour for media room,  blue for knowledge room,  red colour for the commentarium room) on the top left side.

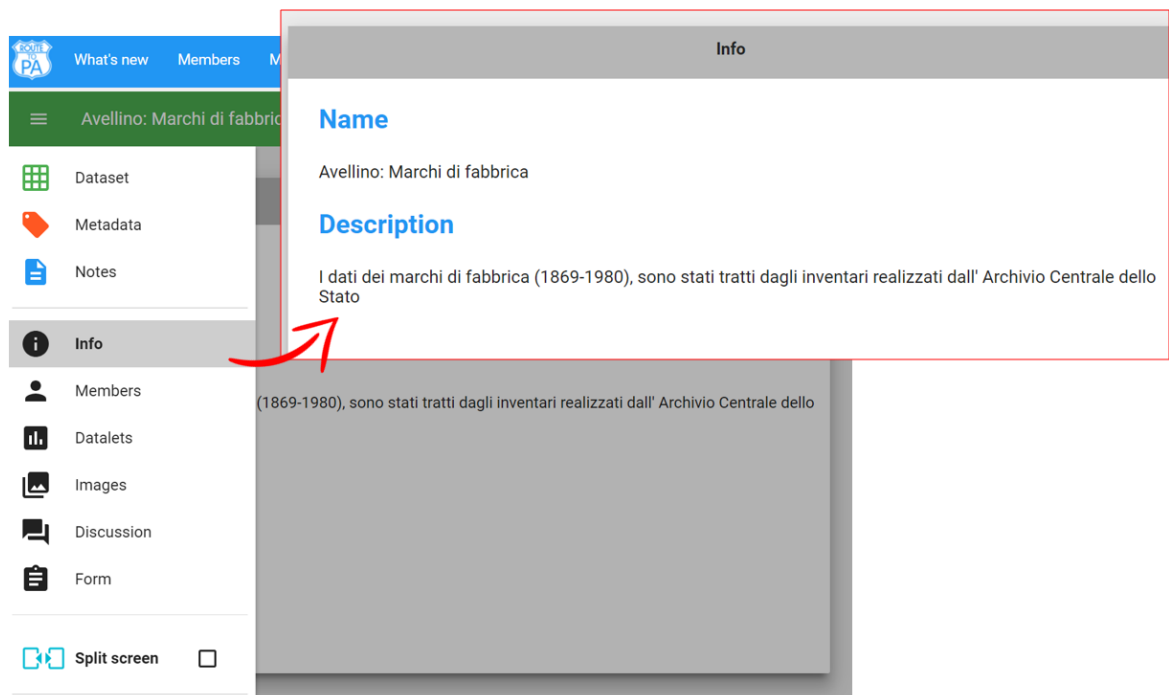
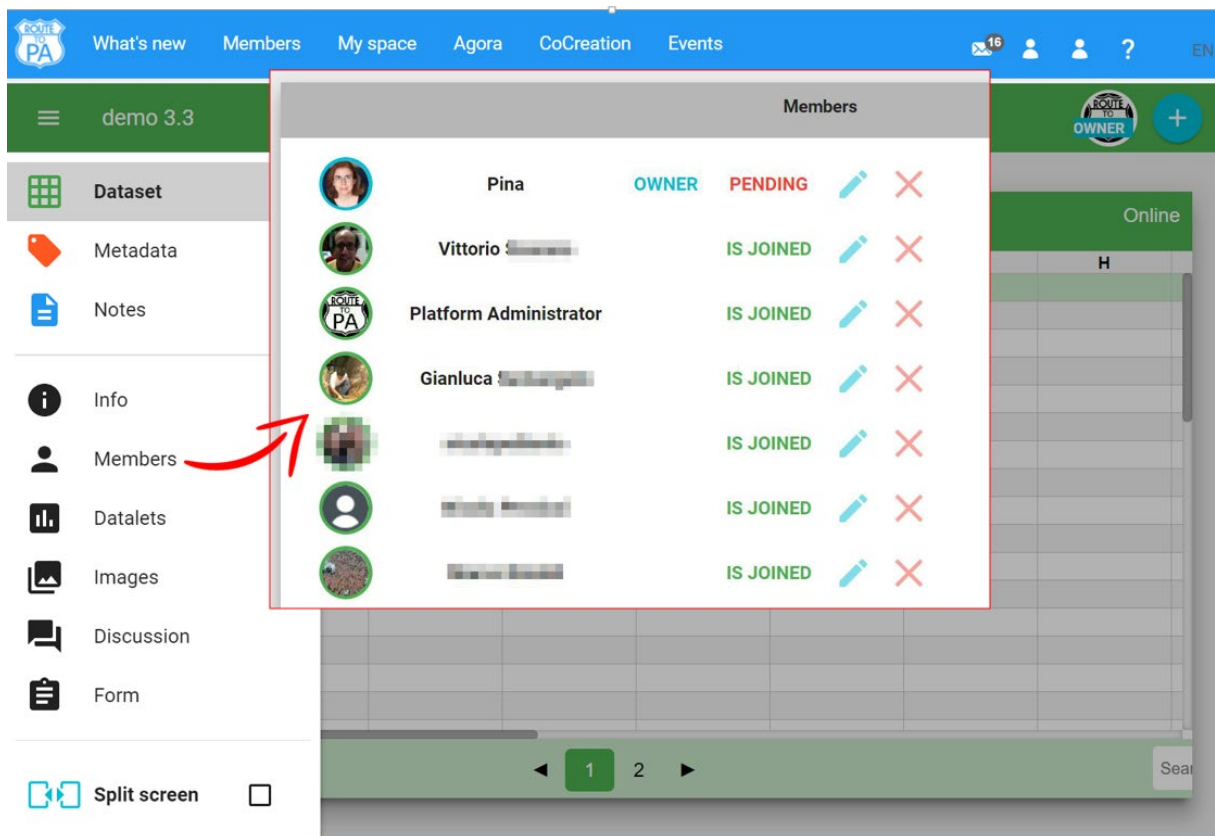
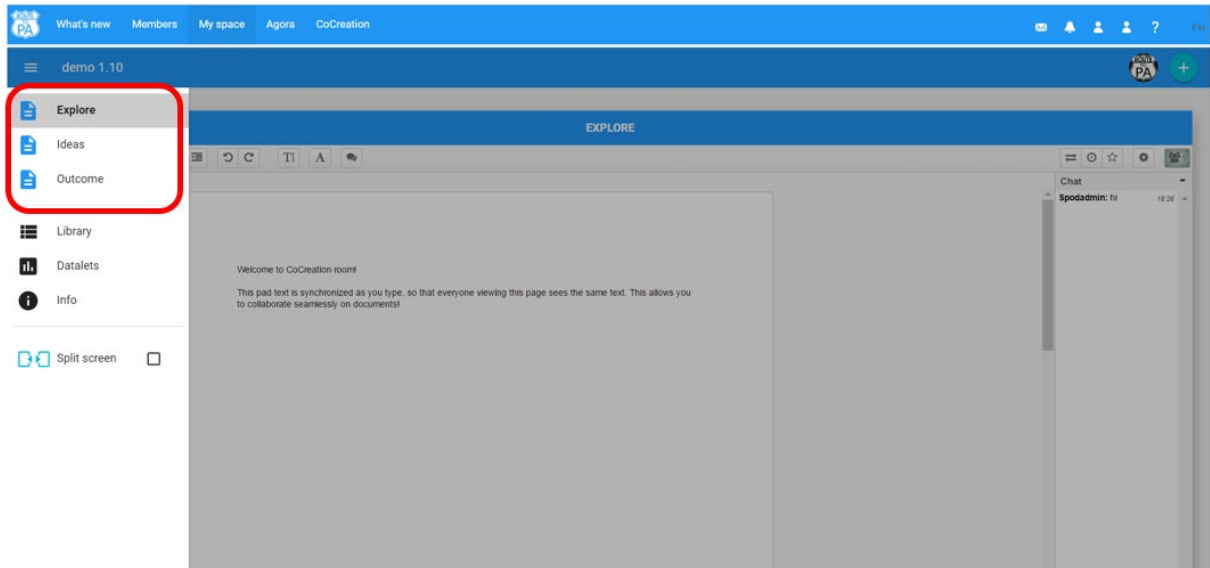


Figure 27: All features (i.e., Dataset, Metadata, Notes, Discussion, Datalets, and Info and modify UI with Split screen) in a data room.

8.1.3 CO-CREATION KNOWLEDGE ROOM

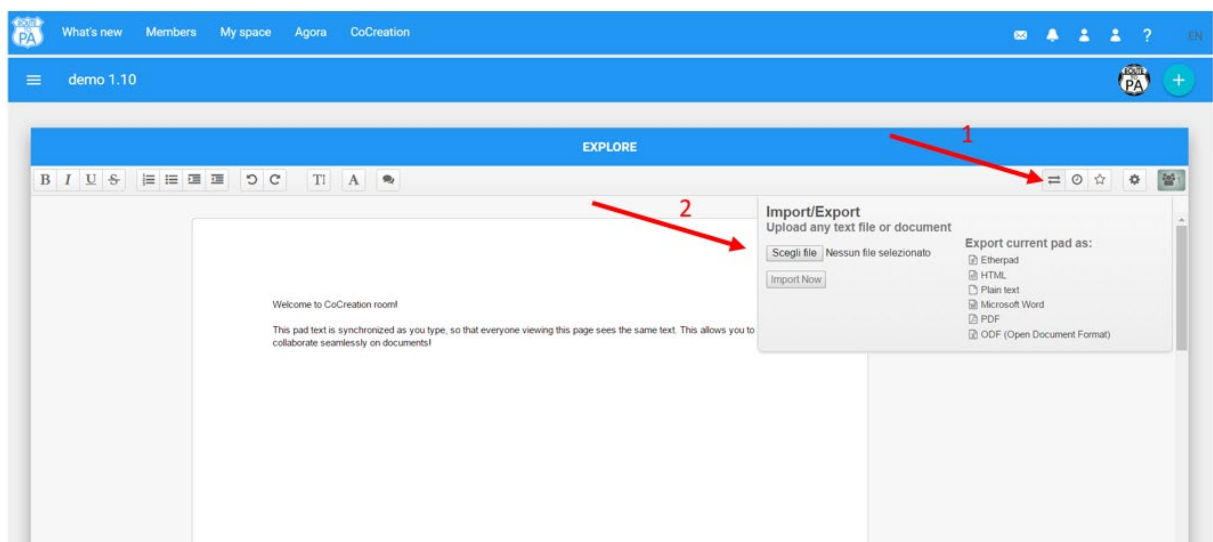
A collaborative space to guide a user to constructive discussions within a small, private (by invitation) group. It includes tools specifically designed for small groups such as co-creating a template document for each of the three phases explore, ideas, outcome, and annotation via post-it of the datalets to be discussed (with synchronous notification for real-time discussions).

8.1.3.1 EXPLORE, IDEAS, OUTCOME PAGES




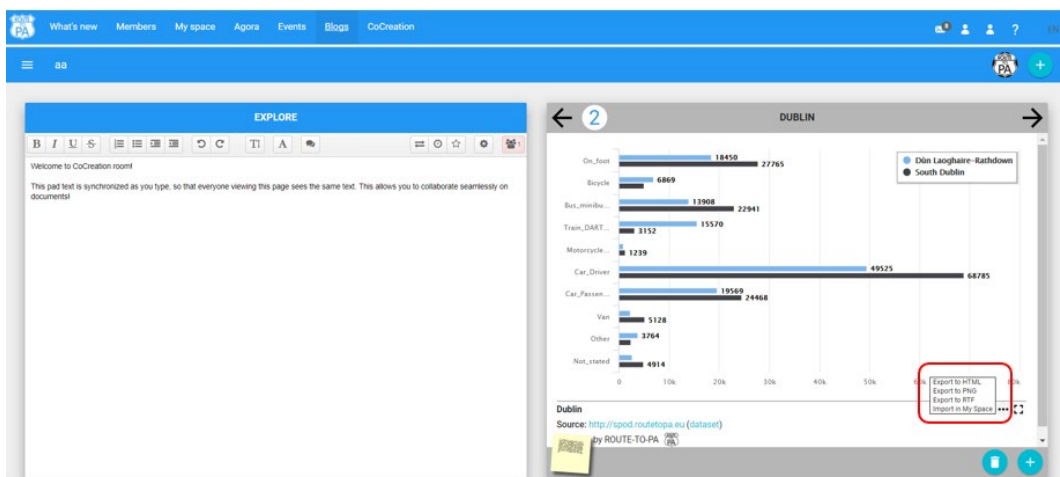
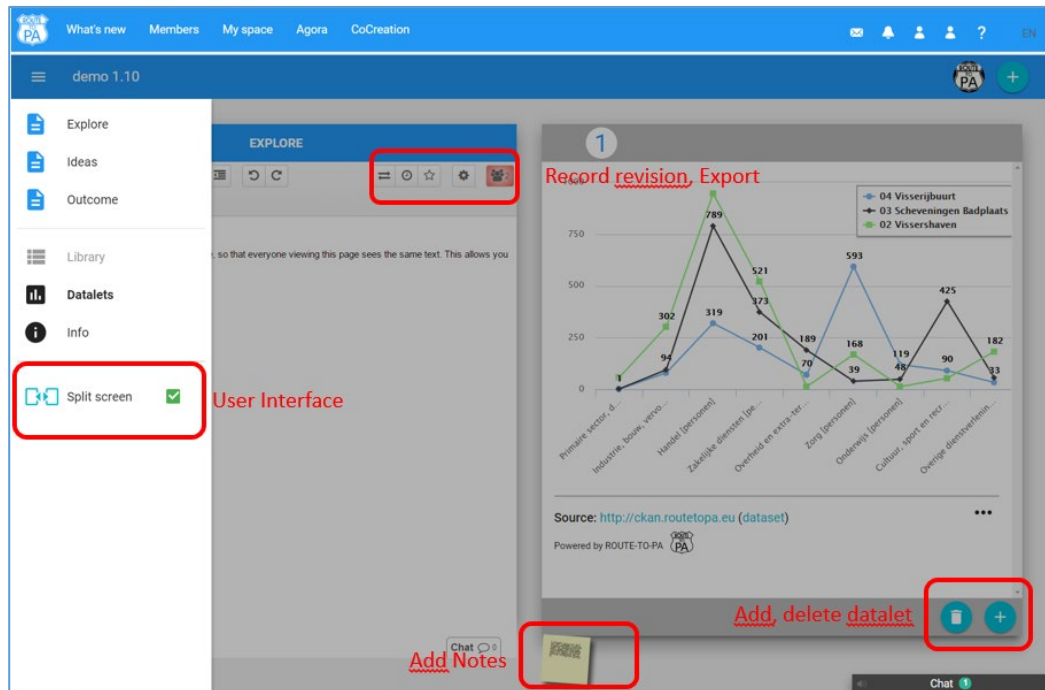
A collaborative space for each feature (e.g., Explore, Ideas and Outcome) is ready to edit documents collaboratively in real-time and provides a list of features:

- **Clear collaboration:** it is possible to see changes being made by other users in real time and each participant is identified by a color and name
- **Chat:** a synchronous communication is available with other people who are using the document
- **Recording Revisions:** it is possible to save specific versions at any time. A time slider shows anyone the history of the shared document.
- **Exporting:** a document can be downloaded in plain text, HTML, Open Document, Microsoft Word or PDF format



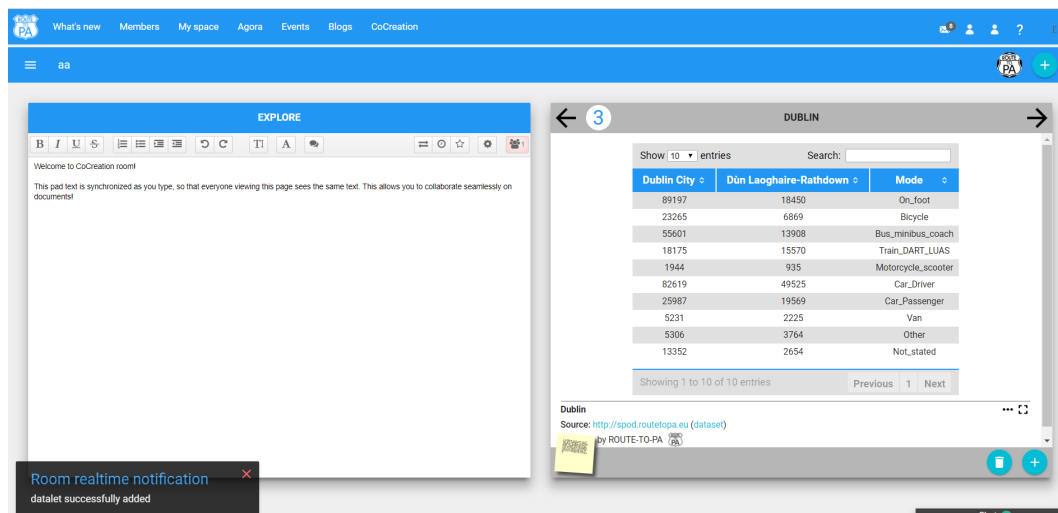
All features in a room:

- **User Interface:** enlarge, split the shared document, the datalet etc. into panes
- **Add, delete a datalet**
- **Add Notes** ()
- **Export to HTML, PNG, RTF**
- **Import in My Space**




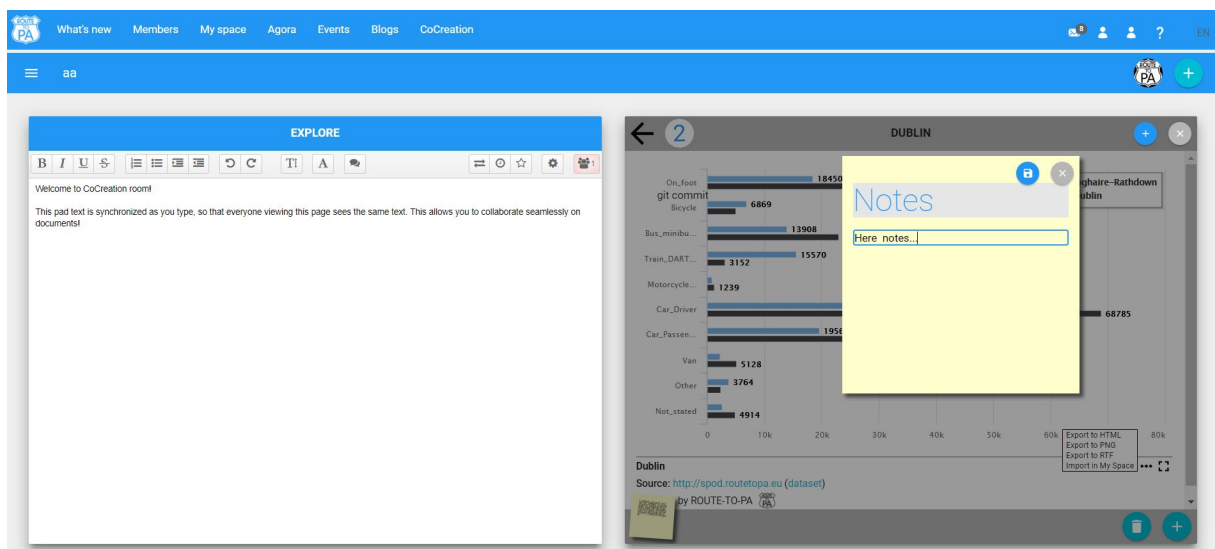
8.1.3.2 NOTIFICATIONS

Notifications are updates about “Co-creation” activity (e.g. new datalet, post-it etc.). The below screenshot shows a pop-up notification on your screen you receive when a note is created.



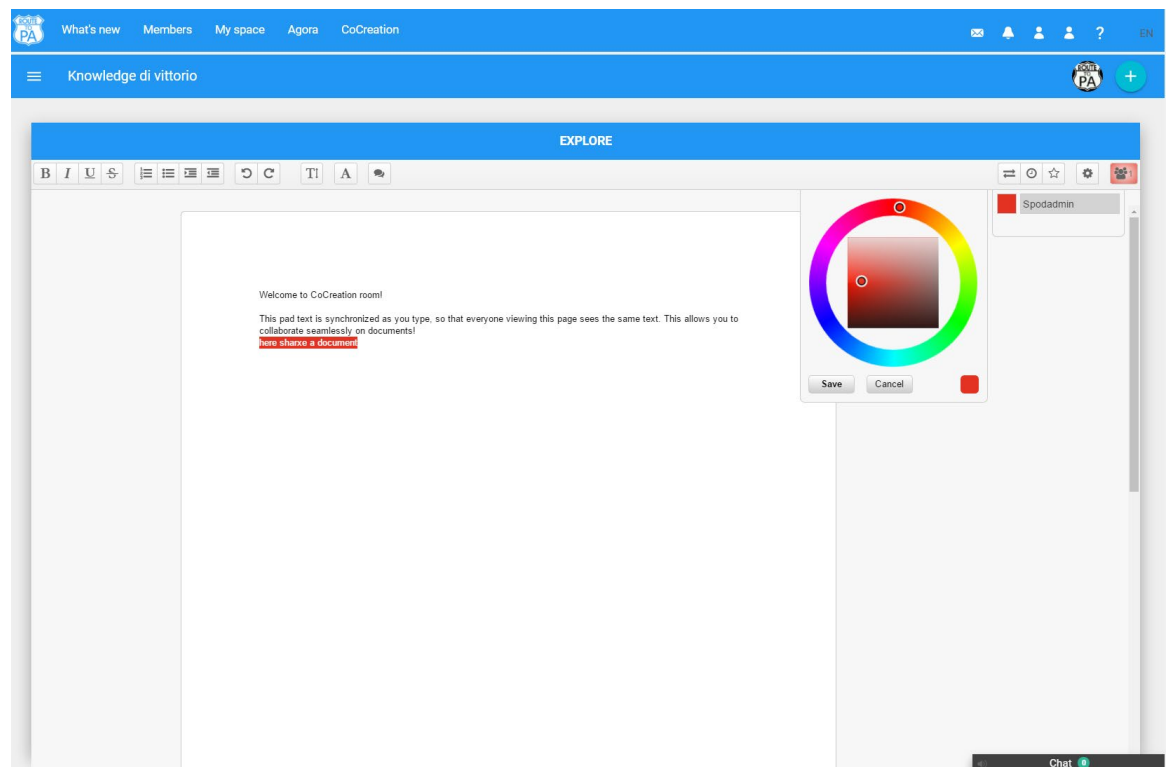
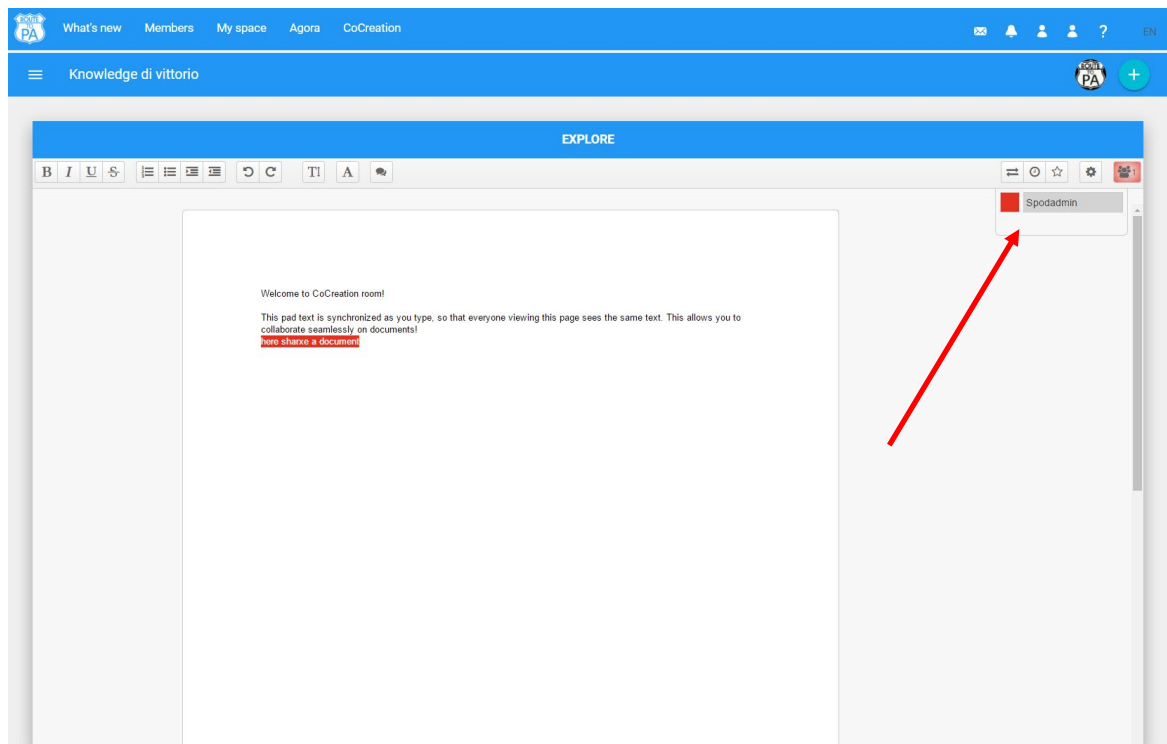
8.1.3.3 ASSOCIATED COMMENTS

A comment (it is like a post-it) to a datalet can be added clicking on the  button: and a new pop-up window will appear to fill out “Title” and “Content” of the new comment.




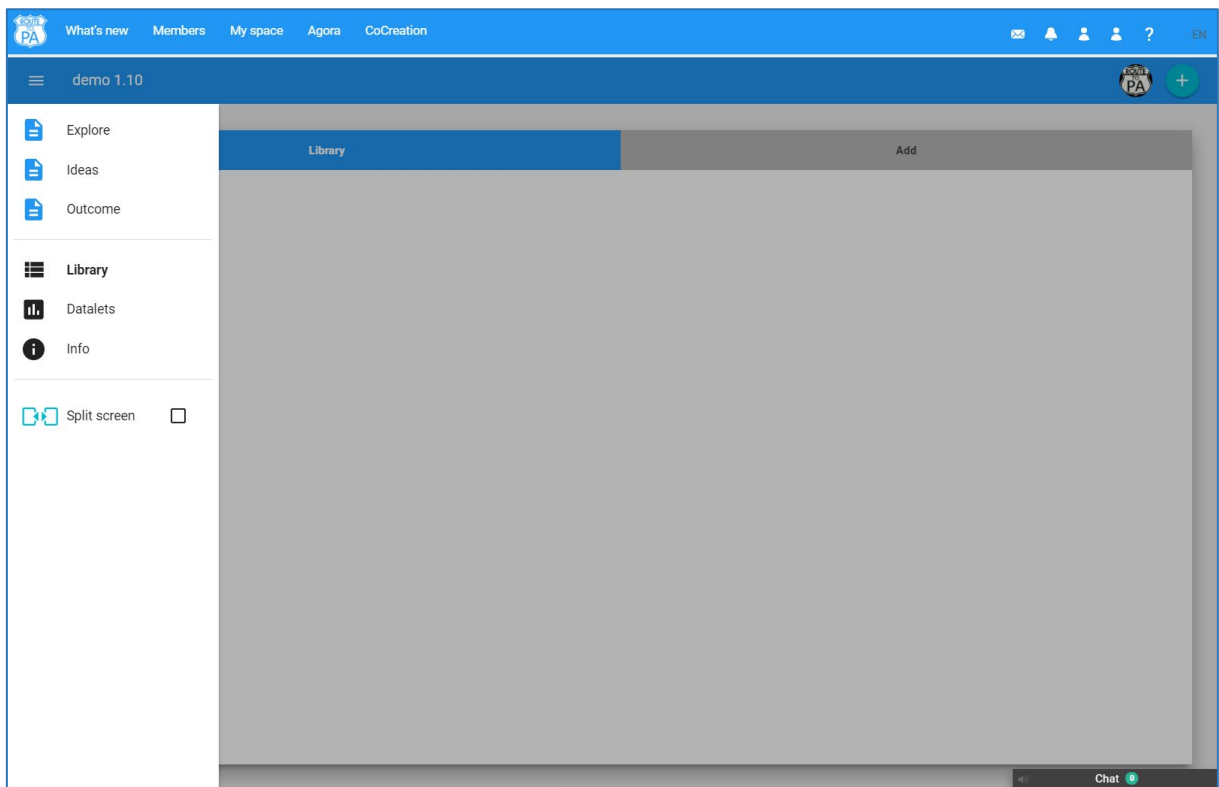
8.1.3.4 HOW TO CHANGE AUTHORSHIP COLOUR IN A SHARED DOCUMENT

Click on the left side of the coloured icon (see screenshots below) and each member can choose a colour



8.1.4 LIBRARY


Click on the  Library button on the top left side:



At first, a new dataset can be added and it will be available in the Library section.

- Add a new dataset clicking in the “Add” tab

SELECT DATA	
Select the fields on the left. The table will show the values related to the selected fields.	
FIELDS	SELECTED DATA
89 Morgenstond-Oost	17 Schildersbuurt-Oost 18 Huygenspark 19 Laakhaven-Oost Omschrijving
90 Ockenburgh	42 19 11 Primaire sector, delfstoffen, nutsbedrijven [personen]
91 Kijkduin	121 86 49 Industrie, bouw, vervoer [personen]
92 Bohemen/Meer en Bos	111 463 353 Handel [personen]
93 Componistenbuurt	96 503 2449 Zakelijke diensten [personen]
94 Waldeck-Noord	163 0 741 Overheid en extra-territoriale instellingen [personen]
95 Korn Loosduinen	174 225 275 Zorg [personen]
96 Zijden/Steden/Zichten	151 219 1825 Onderwijs [personen]
97 Kraayenstein	25 90 20 Cultuur, sport en recreatie [personen]
	27 34 486 Overige dienstverlening [personen]

To add the dataset in the library, click on the  button on the top right side.

A new dialog, named “Create new dataset,” appears to fill out with “name”, “Description” fields

Create new dataset

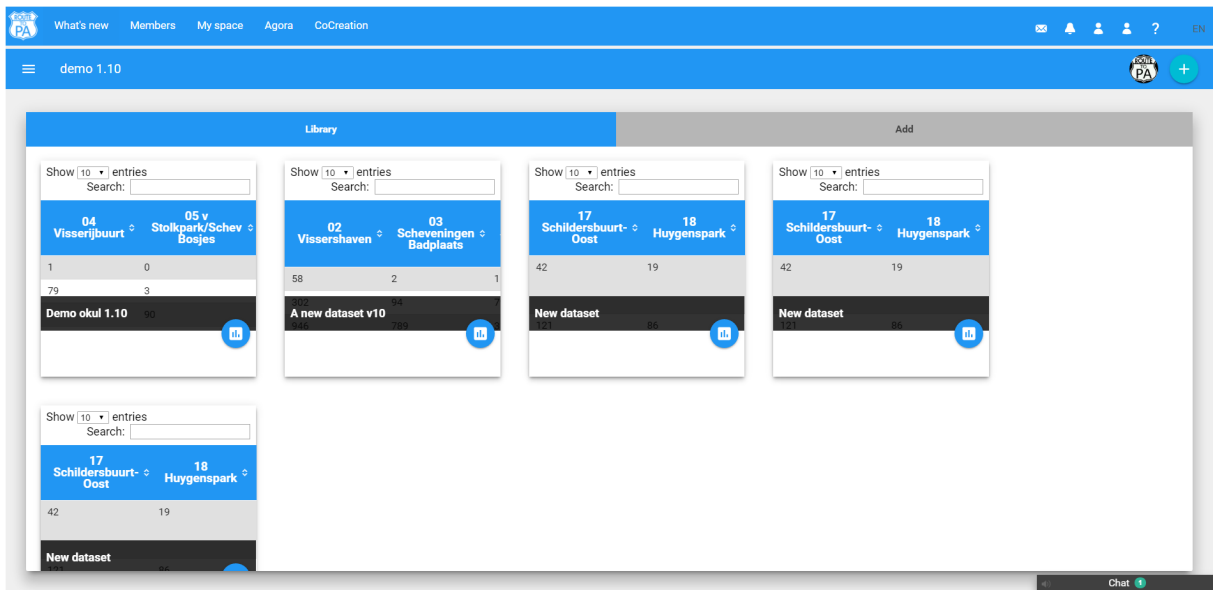
Name

Description

ADD DATASET 

And this dataset will be shown among suggested datasets of the Controllet in the “Co-creation” room.

- Library tab shows all datasets previously created



The screenshot shows the 'CoCreation' interface of the 'Route to PA' application. The top navigation bar includes 'What's new', 'Members', 'My space', 'Agora', and 'CoCreation'. The main content area is titled 'demo 1.10' and features a 'Library' tab. The Library tab displays five dataset cards, each with a search bar, a table of entries, and a 'New dataset' button. The cards are organized into two rows: the first row contains four cards and the second row contains one card.

04 Visserijbuurt	05 v Stolkpark/Schev Bosjes
1	0
79	3

Demo okul 1.10

02 Visserhaven	03 Scheveningen Badplaats
58	2
	1

A new dataset v10

17 Schildersbuurt-Oost	18 Huygenspark
42	19

New dataset

17 Schildersbuurt-Oost	18 Huygenspark
42	19

New dataset

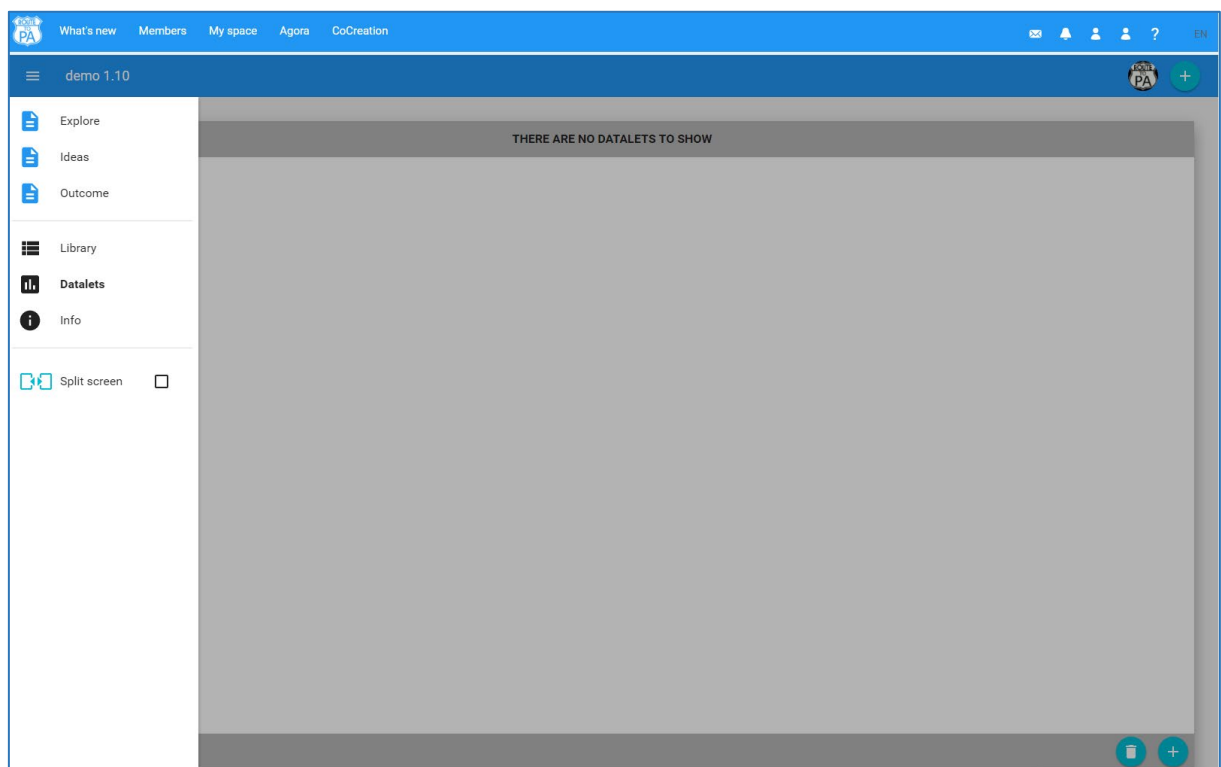
17 Schildersbuurt-Oost	18 Huygenspark
42	19

New dataset

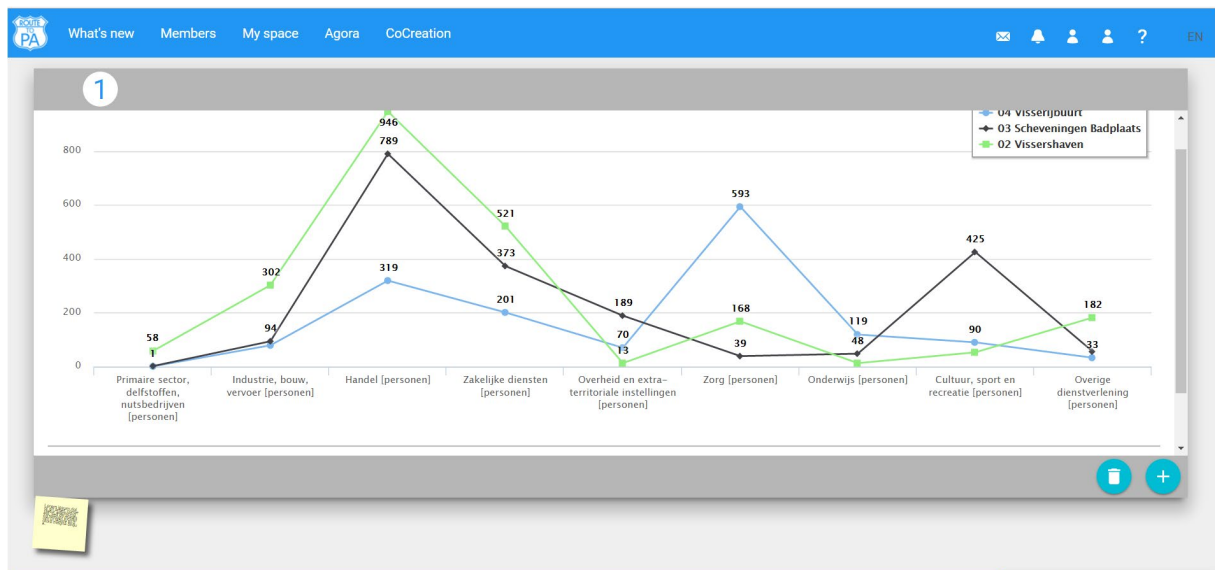
Each datalet of the Library will be available when a new datalet is added in the “Co-creation”; it will be suggested in the Controller in the room (e.g. the dataset will be highlighted in yellow).

8.1.5 ADD DATALET

To add a datalet in the Co-creation knowledge room, click on the  button, named “Datalets”, on the left side:



You can add a new datalet, clicking on  button or delete it, showed in the bottom right side:



9 COMMON FUNCTIONALITES IN DATA AND MEDIA ROOM

- Create a New Sheet, Export CSV and Import CSV files, list of function (SUM, PRODUCT, AVG etc...).
- Collaboration on the same dataset with the support of validation criteria: users can edit the same document at the same time. Everybody's changes are instantly reflected on all screens. Finally, the dataset will publish it in a new provider, named SPOD provider available for Controllet to share it in social tools (e.g., Agora, What's new).
- Each dataset can be authored providing also sources (in a shared text editor) and metadata
- When published, each dataset is accessible to build a datalet in the traditional ways (buttons in What's new, Agora's public rooms, etc.)
- Cocreation: a "View all dataset" new feature to show the datasets created and exported by groups in the Co-creation data rooms, that allow seeing the dataset, the notes and the link of the dataset and more.

The screenshot shows the 'Tabernacles Maps in Italy' web application. The left sidebar has a menu with the following items: Dataset, Metadata, Notes, Info, Members, Datalets, Images, Discussion, Form, and Split screen. The main area displays a table with columns: IMAGINE, LOCAZIONE, LUOGO, COLLOCAZIONE, AUTORE, PERIODO, TIPOLOGIA, and NO. The table contains several rows of data. The interface also includes buttons for 'IMPORT FROM SPOD', 'PUBLISH DATASET ON SPOD', and 'PUBLISH ON CKAN'.

Figure 28: Create a dataset with data validation with notes and metadata for the dataset (1) and (6) social and collaborative discussion with attached file (e.g., doc, pdf and images document) (2) show information about the room; (3) show all invited members (4) add a new datalet (5) Show the gallery of the uploaded images; (7) Create a form; (8) customize the user interface, finally publish the dataset to make it available among providers of the Controllet, named SPOD provider clicking on the "PUBLISH DATASET ON SPOD" button.

9.1.1 METADATA

When you create a new data room, the "METADATA" schema section suggests which standard for the metadata (that is Dublin Core or DCAT-AP_IT), just now we recommend to leave the default value (that is or DCAT-AP_IT) in order to facilitate the publication on the Open Data portal supporting)

CREATE A NEW ROOM

NAME

DESCRIPTION

METADATA

DCAT-AP_IT ▼

ADD NEW COCREATION ROOM →

A look at the metadata, choosing DCAT-AP it standard

What's new Members My space Agora Events CoCreation
31

Tabernacles Maps in Italy
OWNER

Dataset

Metadata

Notes

Info

Members

Datalets

Images

Discussion

Form

Split screen ☐

IMPORT FROM SPOD

PUBLISH DATASET ON SPOD

PUBLISH ON CKAN

DATASET									Online
ONE	IMMAGINE	LOCAZIONE	LUOGO	COLLOCAZIONE	AUTORE	PERIODO	TIPOLOGIA	NO	
ONE	IMMAGINE	LOCAZIONE	LUOGO	COLLOCAZI...	AUTORE	PERIODO	TIPOLOGIA	NO	
n	http://spod.ro... 25aa-4d47-9d74-bacab65e894...1.jpg	43.89270499...	Via Reno 76	Rilievo in facciata, interno ad un piccolo giardino			Bassorilievo in terracotta invetriata		
gine	http://spod.ro... 25aa-4d47-9d74-bacab65e894...2b.jpg	43.89254271...	Via Reno 59	Rilievo in Facciata. Esterno Abitazione			Bassorilievo in terracotta dipinta		
con	http://spod.ro... 25aa-4d47-9d74-bacab65e894...	43.89245688...	Via Reno 56	Nicchia in facciata	Gino Amerini	1973	Pietra e Ceramica dipinta		
sivo	http://spod.ro... 25aa-4d47-9d74-bacab65e894...	43.89231741...	Va Oglio 55 angolo via Reno	Nicchia a forma cuspidata in facciata		1955	Terracotta invetriata		
n	http://spod.ro... 25aa-4d47-9d74-bacab65e894...	43.89208674...	Via Reno 48	Nicchia in facciata		1950	Terracotta		
	http://prato.ro... 7ac6-45c6-			Nicchia in					

◀ 1 2 3 4 5 6 7 8 ▶
Search 0

The list of the mandatory fields, as the

- **Dataset Title**
- **Description**

- **Dataset subject:** This property refers to a category of the Dataset. A Dataset may be associated with multiple themes.
- **Frequency:** This property refers to the frequency at which the Dataset is updated.

The screenshot shows a web application interface for 'Cultural Heritage - demo'. At the top, there is a blue navigation bar with links: 'What's new', 'Members', 'My space', 'Agora', 'Events', and 'CoCreation'. To the right of these links are icons for notifications (8), user profile, and a help/question mark, along with the text 'EN'. Below the navigation bar is a green header bar with a hamburger menu icon on the left, the text 'Cultural Heritage - demo', and a circular 'OWNER' badge with a plus sign on the right. The main content area is a light gray box titled 'METADATA'. Inside this box, there are several form fields: 'keyword/tag', 'License' (with a dropdown arrow), 'Dataset creator', 'Title', 'Description', 'Format' (with a dropdown arrow), and 'Byte size'. At the bottom left of the form, there is a blue 'Submit' button with a white hand cursor icon pointing at it. The button is highlighted with a red rectangular box.

Save the metadata, clicking on the **“Submit”** button.

9.1.2 PUBLISH ON CKAN

Only a user with “publisher” role can publish on the CKAN open data portal and see the “The Publish on CKAN” button on the left side, opening the menu on the top-left corner

What's new Members My space Agora Events CoCreation

Tabernacles Maps in Italy

Dataset

Metadata

Notes

Info

Members

Datalets

Images

Discussion

Form

Split screen

IMPORT FROM SPOD

PUBLISH DATASET ON SPOD

PUBLISH ON CKAN

DATASET Online

IMMAGINE	LOCAZIONE	LUOGO	COLLOCAZIONE	AUTORE	PERIODO	TIPOLOGIA	NO
http://spod.ro...25aa-4d47-9d74-bacab65e894...1.jpg	43.89270499...	Via Reno 76	Rilievo in facciata. Interno ad un piccolo giardino			Bassorilievo in terracotta invetriata	
http://spod.ro...25aa-4d47-9d74-bacab65e894...2b.jpg	43.89254271...	Via Reno 59	Rilievo in Facciata. Esterno Abitazione			Bassorilievo in terracotta dipinta	
http://spod.ro...25aa-4d47-9d74-bacab65e894...	43.89245688...	Via Reno 56	Nicchia in facciata	Gino Amerini	1973	Pietra e Ceramica dipinta	
http://spod.ro...25aa-4d47-9d74-bacab65e894...	43.89231741...	Va Oglio 55 angolo via Reno	Nicchia a forma cuspidata in facciata		1955	Terracotta invetriata	
http://spod.ro...25aa-4d47-9d74-bacab65e894...	43.89208674...	Via Reno 48	Nicchia in facciata		1950	Terracotta	
http://prato.ro...7ac6-45c6-			Nicchia in				

1 2 3 4 5 6 7 8

Search 0

A wizard allows to publish directly the dataset with own metadata on the CKAN portal.

The first step of the wizard allows to setting the CKAN open data portal, choosing a specific organization already created on the CKAN portal.

1. Choose on which CKAN to upload

CKAN Platform URL
http://ckan.routetopa.eu:8080/

CKAN API Key
.....

Organisation ID/Key
comune-di-prato-italy ▼

< previous

PUBLISH

next >

The next step shows a review dataset content

3. Review Dataset Content		
SELECTED DATA		
NOME	DESCRIZIONE	IMMAGINE
Vergine	Vergine con bambino su sfondo azzurro	http://spod.routetopa.eu/...
Vergine di Boccadirio	Beata Vergine delle Grazie con Bambino sovrastata ...	http://spod.routetopa.eu/...
Vergine	Vergine in preghiera con adorazione, inserita in un ta...	http://spod.routetopa.eu/...
Gesù	Gesù del Sacro Cuore	http://spod.routetopa.eu/...
Vergine	Vergine con Bambino	http://spod.routetopa.eu/...
Vergine	Vergine	http://spod.routetopa.eu/...
Vergine di Boccadirio	Beata Vergine delle Grazie con Bambino, sovrastata ...	http://spod.routetopa.eu/...
Vergine	Vergine di Lourdes	http://spod.routetopa.eu/...
Vergine	Vergine di Lourdes	http://spod.routetopa.eu/...
Vergine	Vergine con Bambino circondata da festoni di frutta.	http://spod.routetopa.eu/...
Vergine	Vergine di Lourdes	http://spod.routetopa.eu/...
Showing 1 to 100 of 276 rows		
<div> <div>< previous</div> <div>PUBLISH</div> <div>next ></div> </div>		

Follows a review of Metadata already saved in the cocreation-data room (see Figure below)

4. Review Metadata

Mandatory fields

Dataset Title ? *

Tabernacles in Prato

Description ? *

A collection of tabernacles for the streets of Prato

Tema ?

Dataset theme ? *

Education, culture and sport

Dataset subject ? *

2831 culture and religion

Frequency ? *

ANNUAL

Publisher ?

Publisher

Dataset identifier ?

< previous

PUBLISH

next >

Additional cocreation notes can be published on the CKAN portal clicking on the “PUBLISH” button.

5. Co-creation Methodology Notes

You can publish the co-creation notes as additional resource within the dataset.


☐ Publish notes

[< previous](#)[PUBLISH](#)[next >](#)

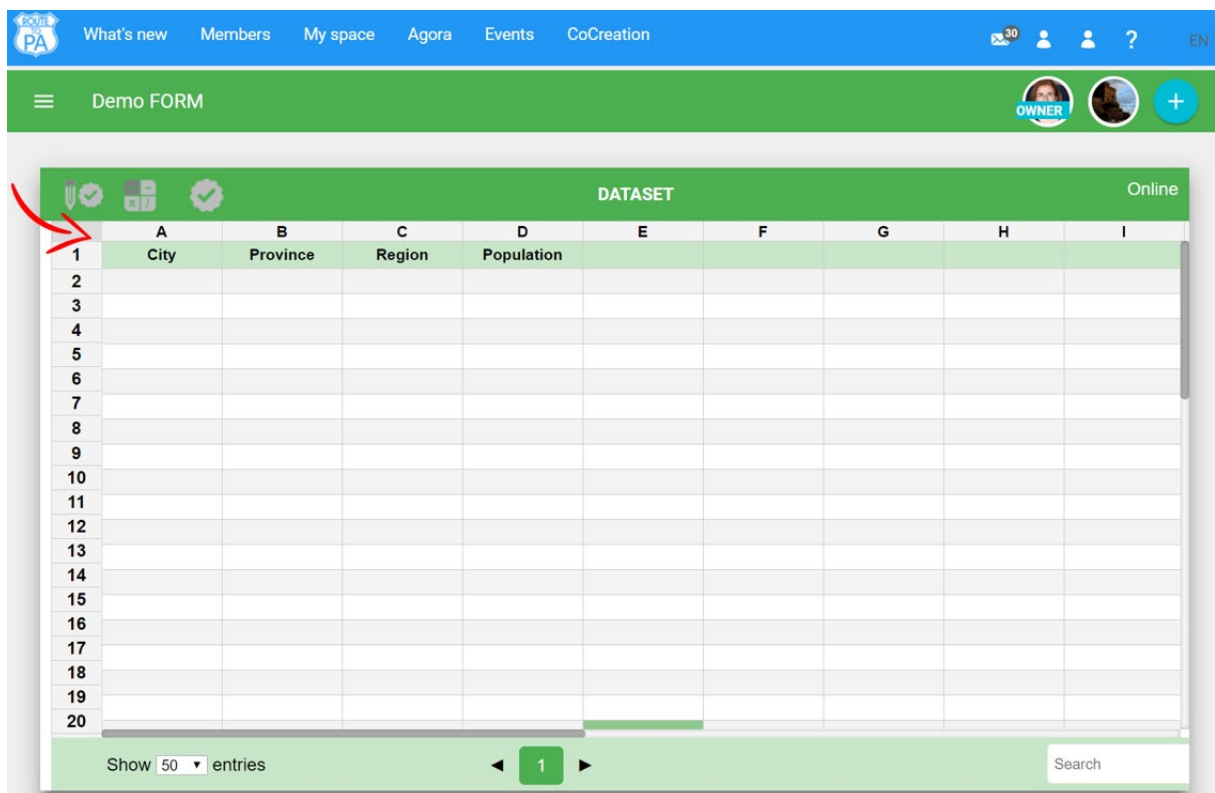
9.1.3 CREATE A SPOD FORM




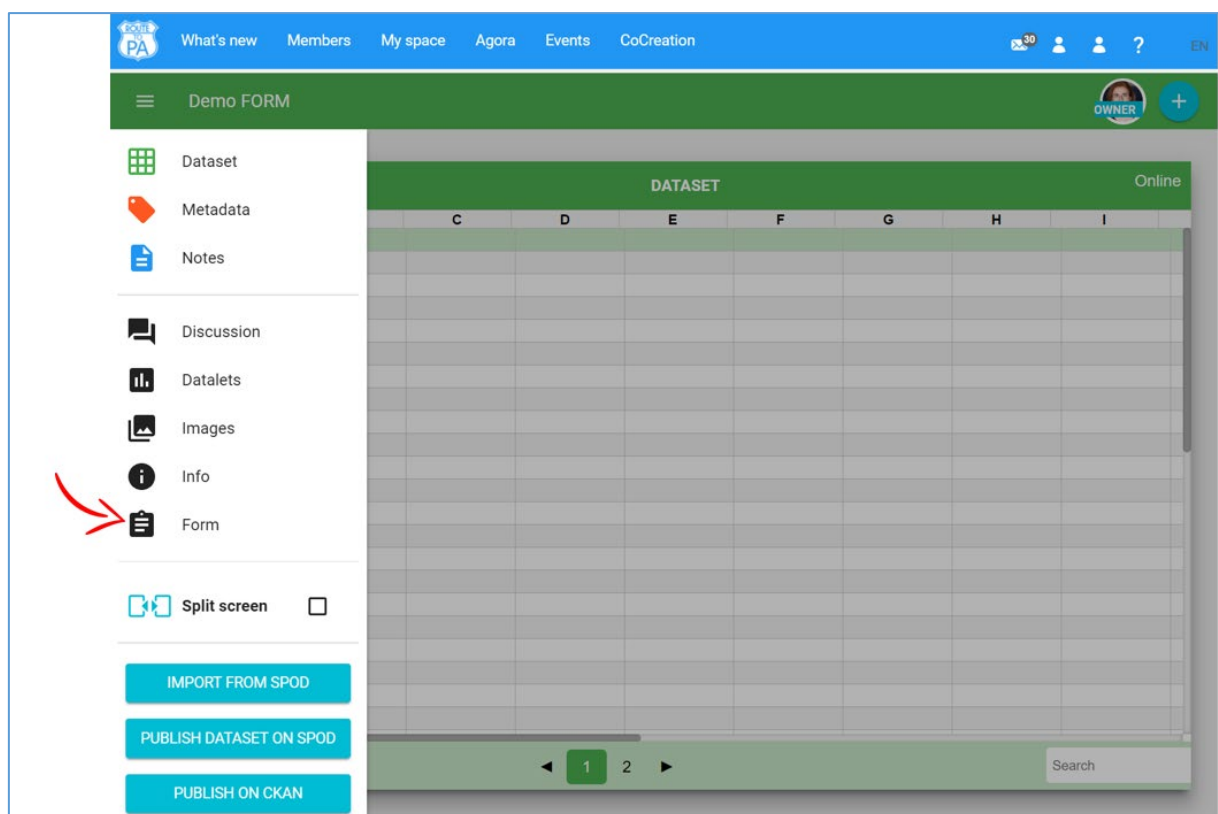
The SPOD form (SPOD v.3.3) includes 5 field types: 5 question types, Province, Date, Number and Select.

The owner of the cocreated room starts to organize an initial spreadsheet with the field names of the form and  clicking on button, a SPOD form with the added questions appears to specify the types field see screenshots below). Only the owner of the cocreated room can create a new form.

1. Organization of the spreadsheet with name fields



2. Click on the  button to fix the field types



3. Here the SPOD form filling the labels and fields types:

And “Submit” button confirms the SPOD form.

9.1.3.1 ROLES

The SPOD form provides three roles that can be assigned to users:

- Owner can
- Default user
- Observer

User right	Owner	Default user		Observer
Creare field names in the sheet	✓			
Creare a form adding field types, customize each field with tooltip etc.	✓			✓
Fill in the form	✓	✓		✓

9.1.4 CUSTOMIZE YOUR FORM: FIELD TYPES

The form in SPOD allows the following field types:

Field types	Description
String	Allow for input of text, typically one line, such as name
Number	Allow for input of number
Date	Appears as a calendar pickers such that a user can input a date
Select	Allow to create a list of values, i.e. a pop-up menu
Province	A combo suggest a list

Province

The “Province” field type suggests a list of provinces.

Province ? *

Benevento

Caserta

Napoli

Salerno

Date

The *Date* field appears as a calendar pickers

Date

Label

Date

Type

Date

Visible

☒

+

Date *

<

November 2018

>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Select

Note

Label

Type

String

Visible

☒

+

Date

Label

String

Number

Date

Select

Province

Visible

☒

+

Submit

Any user can see the following SPOD form:

Tooltip and required field

Add a tooltip and required field

Here the SPOD form with tooltip

9.1.5 FEATURES OF A NEW SPREADSHEET

9.1.5.1 UPLOAD IMAGES

You can upload a photo from right click Context Menu, i.e. right mouse click to select the cell and open a context menu to select "Add image". A dialog allows to transfer images from your desktop to SPOD platform, furthermore you can drag an image from your desktop on the drop zone and a preview will be available in the spreadsheet.

What's new
Members
Events
My space
Agora
CoCreation

EN

Museo Iripino - Liceo Scientifico "Mancini" (Av)
PUBLISH DATASET ON SPOD

dataset_0_BkbnQ

INDICAZIONE SULL'OGGETTO (DESO)	Annotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	URL fotografia	GEOLOCALIZZAZIONE	DOCUMENTAZIONE
3	<p>conservazione: Manca il collo. Acroma, presenta larghi tratti di</p> <p>Questi ex voto ceramici frequenti nei santuari legati alle divinità femminili con forte connotazione ctonia, e di conseguenza legate alla fertilità ossia alla terra e all'acqua, come principali risorse della vita, sono radicati nella pratica religiosa delle comunità indigene dell'Italia meridionale. Questi ex voto ceramici frequenti nei santuari legati alle divinità femminili con forte connotazione ctonia, e di conseguenza legate alla fertilità ossia alla terra e all'acqua, come principali risorse della vita, sono radicati nella pratica religiosa delle comunità indigene dell'Italia meridionale. I contenitori di forma regolare, sia di ceramica a vernice nera sia di quella acroma (ceramica da mensa e da dispensa) potevano essere utili ai pasti comuni che si dovevano svolgere nel santuario. Statua con in trono un bambino. Figure femminili in trono con bambino, (nn.43 e 44 fig.14; n.178, fig.28; nn.183-186, fig.30). I metà del V secolo a.Cr. La devota pone il proprio nato sotto la protezione della divinità oppure ringrazia per un felice parto e la crescita in buona salute dell'infante.</p>				Assente	40.91165900...	Digitale
4	<p>inoche e kalathos(sottogruppo b)</p> <p>I contenitori di forma regolare, sia di ceramica a vernice nera sia di quella acroma (ceramica da mensa e da dispensa) potevano essere utili ai pasti comuni che si dovevano svolgere nel santuario.</p>			Si	http://spod.da...5c2a-4aa9-9704-e5ea00849fd...offerente1527.jpg	40.91200567...	Digitale
5	<p>lla clava. Figura stante gravante sulla gamba destra; la sinistra è emente piegato l'atro piegato ad angolo retto regge una leonte. Esperi. La mano destra reggeva la clava. Il volto è girato verso o delimitato da una banda a rilievo.</p> <p>Ercole. Nel mondo italico era una figura centrale come in quello etrusco. Proteggeva i commerci tutelava i mercanti e benediva gli scambi degli armenti e il sale.</p>				http://spod.da...5c2a-4aa9-9704-e5ea00849fd...	40.9119477,1...	Digitale

conservazione: è mutilato dell'altezza del oinocchio destro e del

Show 50 entries
Search 0 of 0

What's new
Members
Events
My space
Agora
CoCreation

EN

Museo Iripino - Liceo Scientifico "Mancini" (Av)
PUBLISH DATASET ON SPOD

dataset_0_BkbnQ

INDICAZIONE SULL'OGGETTO (DESO)	Annotazioni	Bibliografia	Sitografia	DOCUMENTAZIONE	URL fotografia	GEOLOCALIZZAZIONE	DOCUMENTAZIONE
3	<p>conservazione: Manca il collo. Acroma, presenta larghi tratti di</p>				Assente	40.91165900...	Digitale
4	<p>inoche e kalathos(sottogruppo b)</p>				http://spod.da...5c2a-4aa9-9704-e5ea00849fd...offerente1527.jpg	40.91200567...	Digitale
5	<p>lla clava. Figura stante gravante sulla gamba destra; la sinistra è emente piegato l'atro piegato ad angolo retto regge una leonte. Esperi. La mano destra reggeva la clava. Il volto è girato verso o delimitato da una banda a rilievo.</p> <p>Ercole. Nel mondo italico era una figura centrale come in quello etrusco. Proteggeva i commerci tutelava i mercanti e benediva gli scambi degli armenti e il sale.</p>				http://spod.da...5c2a-4aa9-9704-e5ea00849fd...	40.9119477,1...	Digitale

conservazione: è mutilato dell'altezza del oinocchio destro e del

Show 50 entries
Search 0 of 0

Upload image

Select file

Upload

add_geo_point


add_image

[DATA POLICY](#)
[TERMS OF USE](#)
[FEEDBACK](#)
[USABILITY TEST](#)
[VIDEO MANUAL](#)
[DOWNLOAD MANUAL](#)
[ABOUT US](#)

Chat

The screenshot displays the SPOD platform interface for the 'Museo Irpino - Liceo Scientifico "Mancini" (Av)'. The top navigation bar includes links for 'What's new', 'Members', 'Events', 'My space', 'Agora', and 'CoCreation'. The main content area is divided into two panels. The left panel, titled 'dataset_roomagt40_BkbnQ', shows a table with columns for 'Bibliografia (BIB)', 'Sitografia', 'DOCUMENTAZIONE FOTOGRAFICA (FTA)', 'GEOLOCALIZZAZIONE ATTUALE', and 'FOTOGRAFICA TIPO (FTAP)'. The table contains several rows of data, including descriptions of archaeological findings and their locations. A red box highlights a specific entry in the 'DOCUMENTAZIONE FOTOGRAFICA (FTA)' column, which includes a small image of a statue. The right panel shows a map view with a street map of the area around the museum, marked with blue location pins. A small inset image shows a person standing near one of the pins. The bottom of the interface features a blue bar with links for 'DATA POLICY', 'TERMS OF USE', 'FEEDBACK', 'USABILITY TEST', 'VIDEO MANUAL', 'DOWNLOAD MANUAL', and 'ABOUT US', along with a 'Chat' button.

9.1.5.2 IMAGES GALLERY

All uploaded images in the Co-creation data room will be available in SPOD platform in an Images Gallery, clicking on the  button.

The screenshot displays the SPOD platform interface for the 'Museo Irpino - Liceo Scientifico "Mancini" (Av)'. The top navigation bar includes links for 'What's new', 'Members', 'My space', 'Agora', 'CoCreation', and 'Events'. The main content area is divided into two panels. The left panel shows a sidebar menu with options for 'Dataset', 'Metadata', 'Notes', 'Discussion', 'Datalets', 'Images', and 'Info'. The 'Images' option is selected, and a 'Split screen' toggle is visible. The right panel shows a large image of a dark, carved wooden statue, titled '58C04133660E7_IMG_1261.JPG'. The bottom of the interface features a blue bar with links for 'FEEDBACK', 'USABILITY TEST', 'VIDEO MANUAL', 'DOWNLOAD MANUAL', and 'ABOUT US', along with a 'Chat' button.

What's new Members My space Agora CoCreation Events

Museo Irpino - Liceo Scientifico "Mancini" (Av)

OWNER

DATASET

	N inventario volume	Numero di inventario (NI)	Definizione Oggetto (OGTD)	STATO (PVCS)	REGIONE (PVCR)
4	Assente	1527	Statuina offerente con kalathos	Italia	Campania
5	7	1205	Statuetta di Ercole	Italia	Campania
6	167	1555	Statuetta di Afrodite con oca	Italia	Campania
7	Assente	1543	Figura femminile in trono con bambino	Italia	Campania
8	Assente	1466	Figura femminile stante indossante una mantellina con fibula a disco	Italia	Campania

Show 50 entries

6 IMG_20170207_163913947_HDR.JPG

9.1.5.3 SEARCH

A search in the spreadsheet is available on the bottom right side of the page.

What's new Members Events My space Agora CoCreation

Museo Irpino - Liceo Scientifico "Mancini" (Av) PUBLISH DATASET ON SPOD

OWNER

dataset_roots#0_BkbnQ

	N inventario volume	Numero di inventario (NI)	Definizione Oggetto (OGTD)	STATO (PVCS)	REGIONE (PVCR)	PROVINCIA (PVCP)	COMUNE (PVCC)	CRONOLOGIA GENERICA Fascia cronologica di riferimento (DTZG)	Motivazione cronologica (DTM)	Materia e tecnica (MTC)	UNITA DI MISURA (MISU)	ALTEZZA (MISA)
9	26	1236	Figura maschile	Italia	Campania	Avellino	Avellino	Assente	Assente	Argilla	mm	mm.350
10	39	1490	Testa fittile di Demetra	Italia	Campania	Avellino	Avellino	V sec. a.C.	Essa risale al momento della grande fioritura del manufatto artigianale indigeno.	Argilla H	mm	135
11	1181	1252	Cinturone	Italia	Campania	Avellino	Avellino	Assente	Assente	Assente	mm	80
12	5	1204	Statuetta di Marte stante	Italia	Campania	Avellino	Avellino	Inizi del IV sec. a.C.	Si può rilevare una certa affinità tra le teste dei bronzetti in questione e talune espressioni teanensi d'arte locale, in terracotta, già fortemente influenzata dalla cultura greca, per le quali è stata proposta una datazione agli inizi del IV sec. a.C.	Bronzo	mm	135

Show 50 entries

Demetra 1 of 2

DATA POLICY | TERMS OF USE | FEEDBACK | USABILITY TEST | VIDEO MANUAL | DOWNLOAD MANUAL | ABOUT US

Chat

9.1.5.4 PAGING IN SPREADSHEET

For large datasets, all information keyed into spreadsheet can continue to a new page when needed.

Vini in Campania - Itinerario del gusto [PUBLISH DATASET ON SPOD](#)

dataset_worse151_xrgYj

	Vino	Denominazione	Colore	Tipologia	Produttore	Descrizione Organolettica	Vitigno	Gradazione Alcolica	Certificazione	Ind
1	Vino	Denominazio...	Colore	Tipologia	Produttore	Descrizione Organolettica	Vitigno	Gradazione Alcolica	Certificazione	Ind
2	Taurasi	Taurasi	Rosso	Taurasi	Agricola Boccella		100% Aglianico		D.O.C.G.	Villag Eust
3	Casefatte	Campania	Bianco	Fiano	Agricola Boccella		100% Fiano		I.G.T.	Villag Eust
4	Rasott	Irpina Campi Taurasini	Rosso		Agricola Boccella		100% Aglianico		D.O.C.	Villag Eust
5	Consiglio di Volpe	Galluccio	Bianco	Galluccio	Agricola San Teodoro	Vino dal colore giallo paglierino con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ananas, banana e mela acerba.	100% Falanghina	10-11%	D.O.C.	Via F Loc.
6	Sedici	Roccamanfina	Rosso	Novello	Agricola San Teodoro	Aspetto visivo di un rosso rubino, con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ciliegia, amarena e frutti di bosco.	75% Aglianico; 15% Cabernet Sauvignon; 10% Piedrosso	13%	I.G.T.	Via F Loc.
7	Campapietro	Galluccio	Rosso	Galluccio	Agricola San Teodoro	Dal colore rosso rubino intenso con riflessi granato, è un vino ricco di sentori speziati di pepe nero, cuoio e tabacco, ben infusi con gli aromi del legno.	100% Aglianico	14%	D.O.C.	Via F Loc.
8	Rose'	Roccamanfina	Rosato		Agricola San Teodoro	Colore rosa tenue, dal sentore di rose con intenso profumo fruttato; sapore morbido, delicato e vellutato.	70% Cabernet Sauvignon; 20% Aglianico; 10% Piedrosso	13%	I.G.T.	Via F Loc.
9	Cannizzaro	Roccamanfina	Bianco	Fiano	Agricola San Teodoro	Vino dal colore giallo paglierino con sapore sapido fine ed equilibrato a lunga persistenza, dal profumo fruttato intenso, con sentori di ananas, banana e mela acerba.	100% Fiano	13%	I.G.P.	Via F Loc.
10	Con Templo	Roccamanfina	Rosso	Aglianico	Agricola San Teodoro	Vino di grande vivacità e freschezza, dal colore brillante, sapore pieno. Profumo vinoso intenso con leggero aroma di ciliegia.	75% Aglianico; 15% Cabernet Sauvignon; 10% Piedrosso	13%	I.G.T.	Via F Loc.
11	Mater	Roccamanfina	Bianco	Falanghina	Agricola San Teodoro	Vino dal colore giallo paglierino con sapor sapido e vellutato, dai profumi intensi persistenti di ananas, vaniglia e mela acerba.	100% Falanghina	13%	I.G.T.	Via F Loc.
12	Res Capuae	Roccamanfina	Bianco	Falanghina	Agricola San Teodoro	Aspetto visivo giallo paglierino dal sapore sapido e vellutato dai profumi intensi di frutti tropicali e vaniglia.	100% Falanghina	13%	I.G.T.	Via F Loc.
13	Fiano	Sannio Guardia	Bianco	Fiano	Aia del Colombi		100% Fiano	13-13.5%	D.O.C.	Cont

Show 50 entries

1 2 3 4 5 6 7 8 9 ... 34

Search 0 of 0

[DATA POLICY](#) | [TERMS OF USE](#) | [FEEDBACK](#) | [USABILITY TEST](#) | [VIDEO MANUAL](#) | [DOWNLOADED MANUAL](#) | [ABOUT US](#)

9.1.6 A DISCUSSION ROOM

Discussion room allows to import a datalet from own private space or add a new datalet.

Gruppo 4 - Casellario Politico Giudiziario prov. di Caser... [PUBLISH DATASET ON SPOD](#)

Online

	Nominativo	Sesso	Città di riferimento per individuare le schede	Luogo di Nascita	Coordinate luogo di nascita	Luoghi di residenza
1	Nominativo	Sesso	Città di riferimento per individuare le schede	Luogo di Nascita	Coordinate luogo di nascita	Luoghi di residenza
2	Andreozzi Francesco	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
3	Andreozzi Renato	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
4	Barletta Angelo	Maschio	Aversa	Frosinone	41.6419807, 13.3469287	Aversa
5	Belliofio Gaetano	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
6	Berardi Luigi	Maschio	Aversa	Montemilone	41.030026, 15.969266	Aversa
7	Borelli Antonio	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
8	Candota Beniamino	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
9	Capuano Mattia	Maschio	Aversa	Condrada	40.8665266, 14.7760307	Aversa
10	Casipelli Leopoldo	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
11	Catanese Angelo	Maschio	Aversa	Aversa	40.973212, 14.204928	Salerno
12	Citarella Ottavio	Maschio	Aversa	Aversa	40.973212, 14.204928	Calvi Risorta
13	Corso Francesco	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
14	Coscone Carmine	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa
15	Coscone Pasquale	Maschio	Aversa	Aversa	40.973212, 14.204928	Aversa

Show 50 entries

1 2 3 4 5 6 7 8 9 ...

DISCUSSIONE

Buongiorno 10:19 05/29

Quali campi dobbiamo compilare in Metadata? 10:20 05/29

Ecco le direttive per il completamento del dataset, di cui discuteremo durante le presentazioni dei vostri progetti di lunedì.
1. aggiungere un campo DESCRIZIONE o BIOGRAFIA inserendo le notizie sui personaggi, almeno quelli più noti: cercare su wikipedia o altri siti/testi informazioni aggiuntive ad esempio se il personaggio osservato ha avuto una storia politica dopo il periodo di osservazione (cercare su google o in albi professionali, ecc)
2. aggiungere un campo FOTO, ricordandovi di utilizzare solo foto libere da copyright 09:36


Ecco le direttive per il completamento del dataset, di cui discuteremo durante le presentazioni dei vostri progetti di lunedì.
1. aggiungere un campo DESCRIZIONE o BIOGRAFIA inserendo le notizie sui personaggi, almeno quelli più noti: cercare su wikipedia o altri siti/testi informazioni aggiuntive ad esempio se il personaggio osservato ha avuto una storia politica dopo il periodo di osservazione (cercare su google o in albi professionali, ecc)
2. aggiungere un campo FOTO, ricordandovi di utilizzare solo foto libere da copyright 09:36

Per qualsiasi problema o comunicazione non esitate a scriverci 10:08

Stiamo riportando la presenza di schede autobiografiche e numeri busta; per quanto riguarda le prime stiamo mettendo sì a chi c'è e no a chi non c'è, è forse meglio mettere presente/assente o continuare col sì/no? 11:58

Aggiungi un commento...

[SEND](#)

When a datalet added, the preview of the visualization will be showed clicking on  button and it the post will be published clicking on the "SEND" button.

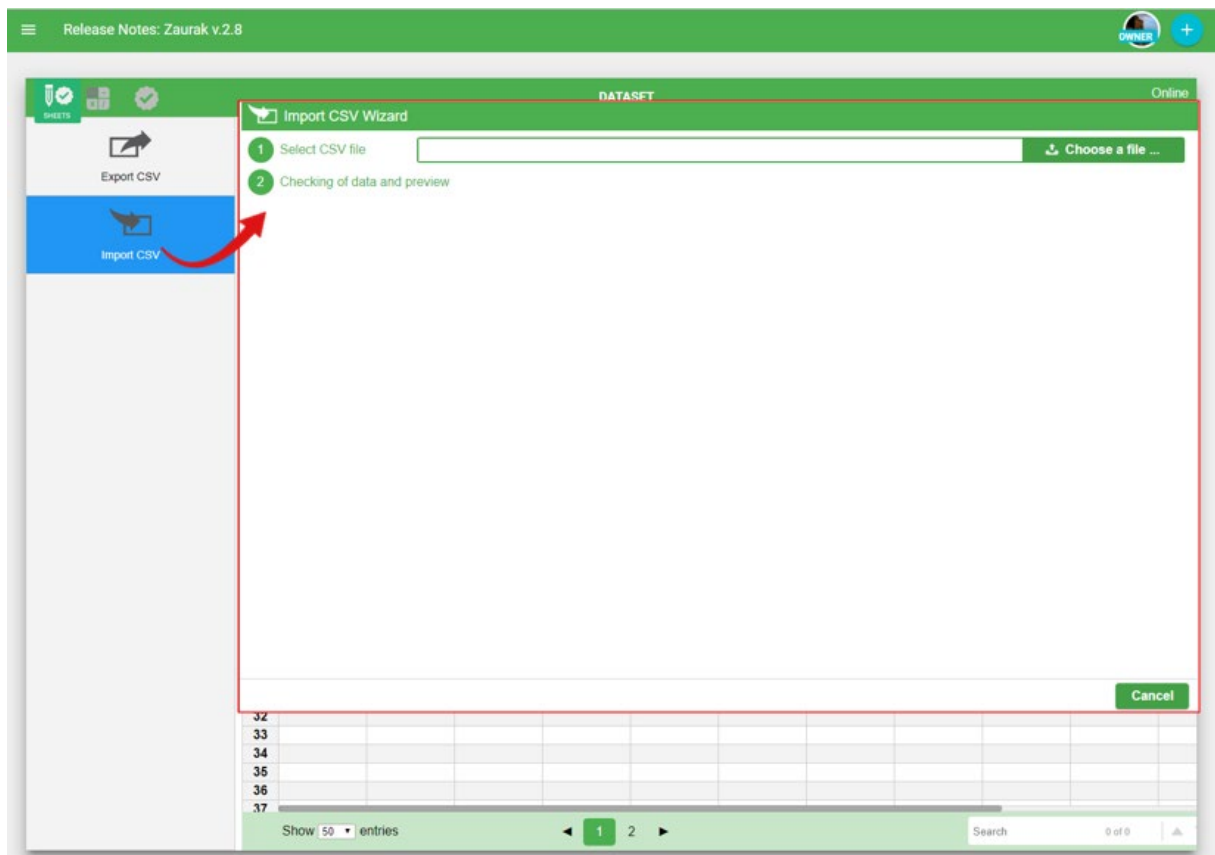
9.1.7 CO-CREATION DATA ROOM: IMPORT

9.1.7.1 CSV DOCUMENT IMPORT WIZARD

Import from any csv document

When importing a CSV in a Co-creation room, now a wizard guides the users, proposing a preview of the file and performing some sanity checks on the proper formatting (actually, number of columns common to all the rows and wrong or missing header).

Clicking “Manage Sheets” button on the left top corner, and select “Import CSV” button and a wizard opens to choose a CSV document.



Co-creation data room provides a new architecture allowing to import a csv data file using an import wizard with suggestions for unsure data in *.csv is correctly imported.

The Co-creation provides an improved wizard to inform the user about the CSV file quality. When the file has an error, the wizard shows the issue in red and does not allow the file import. In this version the followings checks have been added:

- CSV files with an empty header
- CSV files that have a different number of fields in its rows
- The header (first row of the csv) has fields without a caption;
- The csv file contains empty rows (otherwise ethersheet throws an Exception).

An example of imported correctly dataset

Import CSV Wizard

1 Select CSV file

dataset02.csv

Choose a file ...

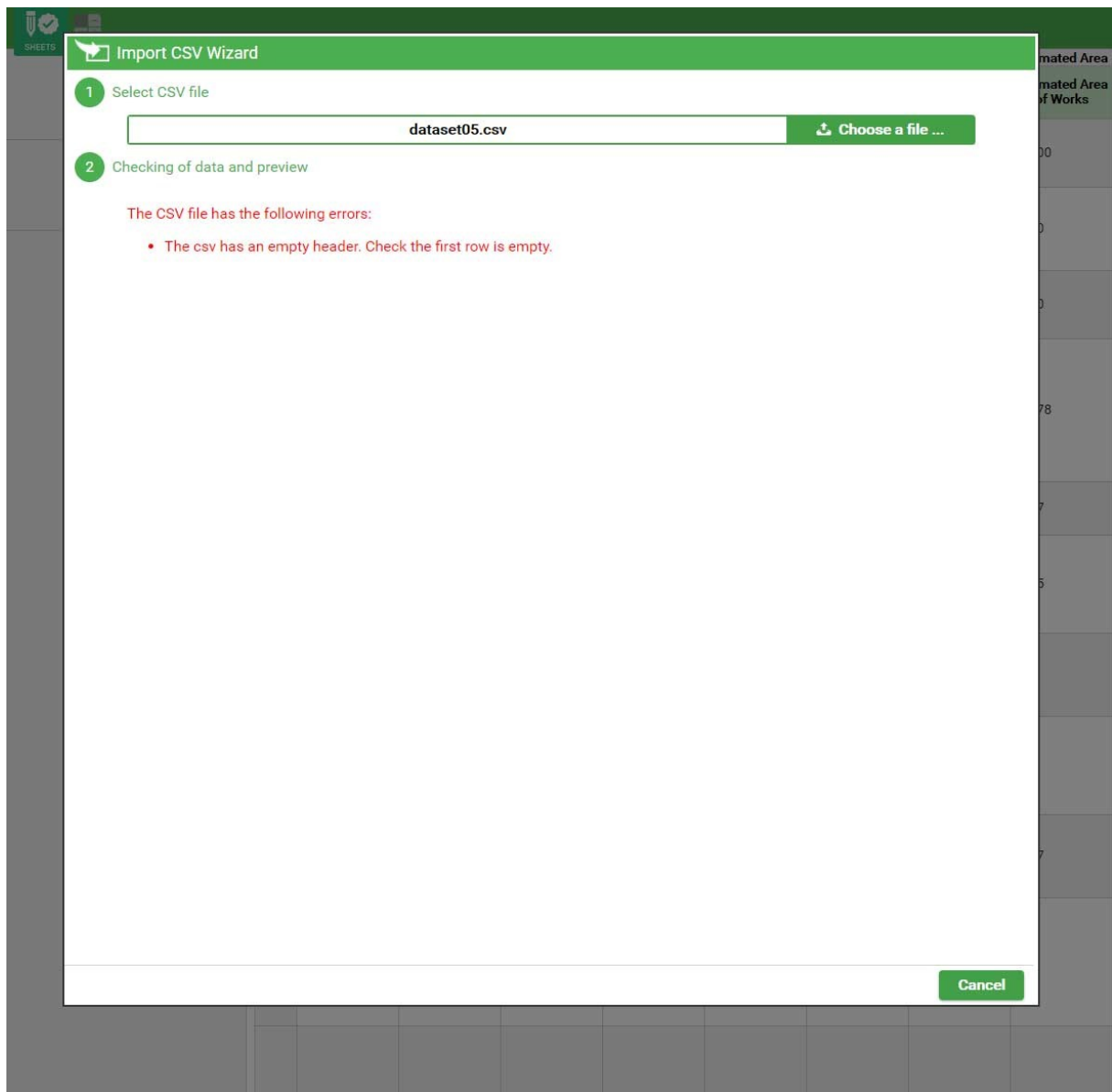
2 Checking of data and preview

Title	Electoral Area	Road Classification	Contractors Name	Asset Type	Work Description	Status of Works	Estimated Area of Works	Estimated Duration in weeks
Emmet Road	South Central	4		Roadway	Repair and Resurface Carriageway	Planned	11300	3.976826
Morehampton Road (between Appian Way and Herbert Park)	South East	4		Roadway	Reconstruct and Resurface	Planned	7000	2.519929
Leeson Street Upper	South East	4		Roadway	Reconstruct and Resurface	Planned	6000	2.182378
Rathgar Rd and Rathmines Rd Lwr	South East	4		Roadway	Reconstruct and Resurface carriageway	Planned	24678	8.682146
Harcourt Road	South East	5		Roadway	Reconstruct and Resurface carriageway	Planned	2517	0.8887675

Import

Cancel

An example of a csv file error, e.g., the file shows an empty header



9.1.7.2 IMPORT DATASET FROM SPOD

On the top left corner of the screen, the menu button, (the three horizontal lines), opens a cascading menu, selecting "IMPORT FROM SPOD" button to choose available datasets in the "FROM PROVIDER" or "FROM COCREATED" tabs on the wizard to continue in second page to check all data of the chosen dataset, finally the "IMPORT DATASET" button allows to import the dataset in the sheet of the Co-creation data room.

The screenshot displays the 'SELECT DATASET' workflow in the RouteTopa PA interface. Red arrows and numbers 1, 2, and 3 indicate the steps: 1. Import from SPOD, 2. Select Data, and 3. Import Dataset. The interface includes a sidebar with navigation options like Dataset, Metadata, Notes, Discussion, Datalets, Images, and Info. The main area shows a list of datasets under 'SDCC Traffic Camera's' and a table of selected data with columns for Camera, Germaets Ubruid, Latitude, and Longitude.

9.1.8 CSV DATA QUALITY IMPORT FILES

Before importing a csv file, a check and validation CSV data files has been done.

Date formatting

Dates in csv file should be formatted in the following formats:

- YYYY/MM/DD or YYYY-MM-DD
- DD/MM/YYYY or DD-MM-YYYY
- YYYY/MM oppure YYYY-MM

9.1.9 CREATION A DATASET TO PUBLISH IN SPOD: STEP BY STEP

- Creation a dataset with Notes and Metadata of the dataset

[What's new](#)
[Members](#)
[My space](#)
[Agora](#)
[Events](#)
[Blogs](#)
[CoCreation](#)

Release Notes: Zaurak v.2.8
OWNER

DATASET
Online

	Album	Artist	Cover	Genre	Number	Sub
	Album	Artist	Cover	Genre	Number	Sub
1	Sgt. Pepper's Lonely Hearts Club Band	The Beatles	https://upload...	Rock	1	Rock Psych Rock
2	Pet Sounds	The Beach Boys	https://upload...	Rock	2	Pop Rock
3	Revolver	The Beatles	https://upload...	Rock	3	Rock Psych Rock
4	Highway 61 Revisited	Bob Dylan	https://upload..._Highway_61...	Rock	4	Folk Blues
5	Rubber Soul	The Beatles	https://upload...	Rock, Pop	5	Pop Rock
6	What's Going On	Marvin Gaye	https://upload...	Funk / Soul	6	Soul
7	Exile on Main St.	The Rolling Stones	https://upload...	Rock	7	Blues Rock Class
8	London Calling	The Clash	https://upload...	Rock	8	Punk Wave
9	Blonde on Blonde	Bob Dylan	https://upload..._Blonde_on_...	Rock, Blues	9	Folk Blues
10	The Beatles ("The White Album")	The Beatles	https://upload...	Rock	10	Rock Pop Rock Psych Rock Expe
11	The Sun Sessions	Elvis Presley		Rock	11	Rock
12	Kind of Blue	Miles Davis		Jazz	12	Moda
13	The Velvet Underground & Nico	The Velvet Underground		Rock	13	Gara Art R Expe
14						Psych Rock
15						

Show 50 entries

METADATA

"Common Core" Required Fields

- Title**
Human-readable name of the asset. Should be in plain English and include sufficient detail to facilitate search and discovery.
- Description**
Human-readable description (e.g., an abstract) with sufficient detail to enable a user to quickly understand whether the asset is of interest.
- Tags**
Tags (or keywords) help users discover your dataset; please include terms that would be used by technical and non-technical users.
- Last Update**
Most recent date on which the dataset was changed, updated or modified.
- Publisher**
The publishing entity and optionally their parent organization(s).
- Contact Name**
Contact person's name for the asset.

- Create or import a dataset

[What's new](#)
[Members](#)
[My space](#)
[Agora](#)
[CoCreation](#)

Demo okul 1.10

DATASET

	Inizio Restauro	Fine Restauro	Imagine	Locations	K	L	M
6				40 63726902...			
7				40-6338110526 6037-14-69294 5301198961			
8				Add a point from map			
9							

1

Source: <http://denhaag.routetopa.eu>

Powered by ROUTE-TO-PA

- Clicking on button on the bottom right corner to add a new datalet with a data validation utility. A User Interface clean-up allows to analyse a data quality as support during the process of chart creation. A warning suggests the error type of each field of the dataset

1 SELECT DATA
Select the fields on the left. The table will show the values related to the selected fields.

FIELDS

- Tower name
- Description
- Location
- Prov
- Construction started
- Construction ended
- Lat
- Long

SELECTED DATA

Tower name	Description	Construction started	Construction ended
Construction started tower of the Cetara...			
Tower of Cetara	On the eastern side of Cetara rises the tow...	1570	
Erdie Tower	The Tower of Erdie " The Cerniola ", built ...	1532	
Tower Capo Tummolo	The tower Capo Tummolo is built around ...	1570	
Norman tower, or tower of Salicerchio	Norman tower, or tower of Salicerchio, bui...	1534	1590

WARNING: The column <Construction ended> has 4 EMPTY values.

- Publish the dataset: click on the **PUBLISH DATASET ON SPOD** button in the cascading menu on the left top corner (three horizontal line icon opens the menu)

What's new Members My space Agora Events Blogs CoCreation

Release Notes: Zaurak v2.8

Dataset
Metadata
Notes
Discussion
Datalets
Images
Info
Split screen ☒
IMPORT FROM SPOD
PUBLISH DATASET ON SPOD

DATASET Online

Cover	Genre	Number	Sub
https://upload...	Rock	1	Rock Psych Rock
https://upload...	Rock	2	Pop Rock
https://upload...	Rock	3	Psych Rock Rock
https://upload..._Highway_61...	Rock	4	Folk Blues
https://upload...	Rock, Pop	5	Pop
https://upload...	Funk / Soul	6	Soul
https://upload...	Rock	7	Blues Rock Class
https://upload...	Rock	8	Punk Wave
https://upload..._Blonde_on_...	Rock, Blues	9	Folk Rhyth Blues
https://upload...	Rock	10	Rock Pop Psych Rock Expe
https://upload...	Rock	11	Rock
https://upload...	Jazz	12	Mode
https://upload...	Rock	13	Gara Art R Expe
https://upload...			Psych Rock

METADATA

"Common Core" Required Fields

- Title**
Human-readable name of the asset. Should be in plain English and include sufficient detail to facilitate search and discovery.
- Description**
Human-readable description (e.g., an abstract) with sufficient detail to enable a user to quickly understand whether the asset is of interest.
- Tags**
Tags (or keywords) help users discover your dataset; please include terms that would be used by technical and non-technical users.
- Last Update**
Most recent date on which the dataset was changed, updated or modified.
- Publisher**
The publishing entity and optionally their parent organization(s).
- Contact Name**
Contact person's name for the asset.

- A new dialog appears to publish the dataset on the SPOD platform, clicking the **PUBLISH DATASET ON SPOD** button on the left side

SELECTED DATA					
Nome Torre	Descrizione	Città	Provincia	Inizio Costruzione	Fine Costruzione
Crestarella (o Torre del Chiatamone) (Vietri sul Mare...	La prima torre che si incontra sulla strada costiera c...	Vietri sul mare	Salerno	1564	
Vito Bianchi (Vietri sul Mare - Sa)	Vito Bianchi è molto più grande perchè torre di difesa...	Vietri sul mare	Salerno	1569	
Seconda torre (Vietri sul mare - Sa)	Tale torre è adibita a torre di avvistamento e di dime...	Vietri sul mare	Salerno	1569	
Torre Cetara (Cetara - Sa)	Sul lato orientale della marina di Cetara sorge la torr...	Cetara	Salerno	1576	
Torre di Erchie (Erchie - Sa)	Anche il sistema difensivo di Erchie era costituito da...	Maiori	Salerno	1532	
Torre CapoTumolo (Erchie - Sa)	Edificata intorno al 1570 oggi quasi totalmente distr...	Maiori	Salerno	1570	
Torre Lama del Cane (Erchie-Maiori (Sa))	La torre Lama del Cane costruita intorno al 1532-33...	Maiori	Salerno	1532	1533
Torre Badia (Erchie - Maiori (Sa))	La torre Badia, anch'essa a due piani, costruita int...	Maiori	Salerno	1570	
Torre Cesare (Maiori - Sa)	La torre Cesare a pianta quadrata a tre piani, cost...	Maiori	Salerno	1532	1533
Torre Normanna (Maiori - Sa)	La torre Normanna costruita tra il 1534-90 a due pia...	Maiori	Salerno	1534	1590
Torre Mezzacapo (Maiori - Sa)	Torre Mezzacapo stata costruita nel 1584 ad un s...	Maiori	Salerno	1584	
Torre Paradiso (Minori - Sa)	Torre Paradiso restano attualmente solo i muri peri...	Minori	Salerno	1564	1599
Seconda torre (Minori - Sa)		Minori	Salerno	1565	
Terza torre (Maiori - Sa)		Minori	Salerno	1584	
Torre dello Scarpariello (Ravello - Sa)	La torre dello Scarpariello denominata anche Ficarol...	Ravello	Salerno	1533	
Torre d'Atrani (Atrani - Sa)	La torre d'Atrani a pianta circolare costruita tra il 154...	Atrani	1544	1549	
Torre dello Ziro (Amalfi - Sa)	La torre dello Ziro, sulla collina che domina Amalfi, f...	Amalfi	1278		

Showing 1 to 22 of 22 rows

PUBLISH DATASET ON SPOD

SPOD provider makes available the created dataset to publish and share in social space (e.g., Agora, What's new), clicking on the "FROM COCREATED" tab of the Controllet

1
SELECT DATASET
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS
FROM COCREATED
FROM EXTENDED SEARCH

Version: Show last

Demo 1.7
Wifi Prato
Voters for Brexit by age
Humidity of 2016
Average temp
Prova
Example dataset
Test room

Humidity of 2016
users:
version: 2
title: Humidity of 2016
description: The first 5 months of 2016 are covered, by personal observations
tags:
last_updates:
publisher:
contact_name:
contact_email:
unique_identifier:
public_access_level:

Showing 1 to 8 of 8 datasets

Selected url
http://spod.routetopa.eu/cocreation/ajax/get-dataset-by-room-id-and-version/?room_id=4&version=2

9.1.10 DATA COCREATION: ADD INTERACTIVE MAP

Click on the cell with the right click of the mouse, the "Add a point from the map" button appears.

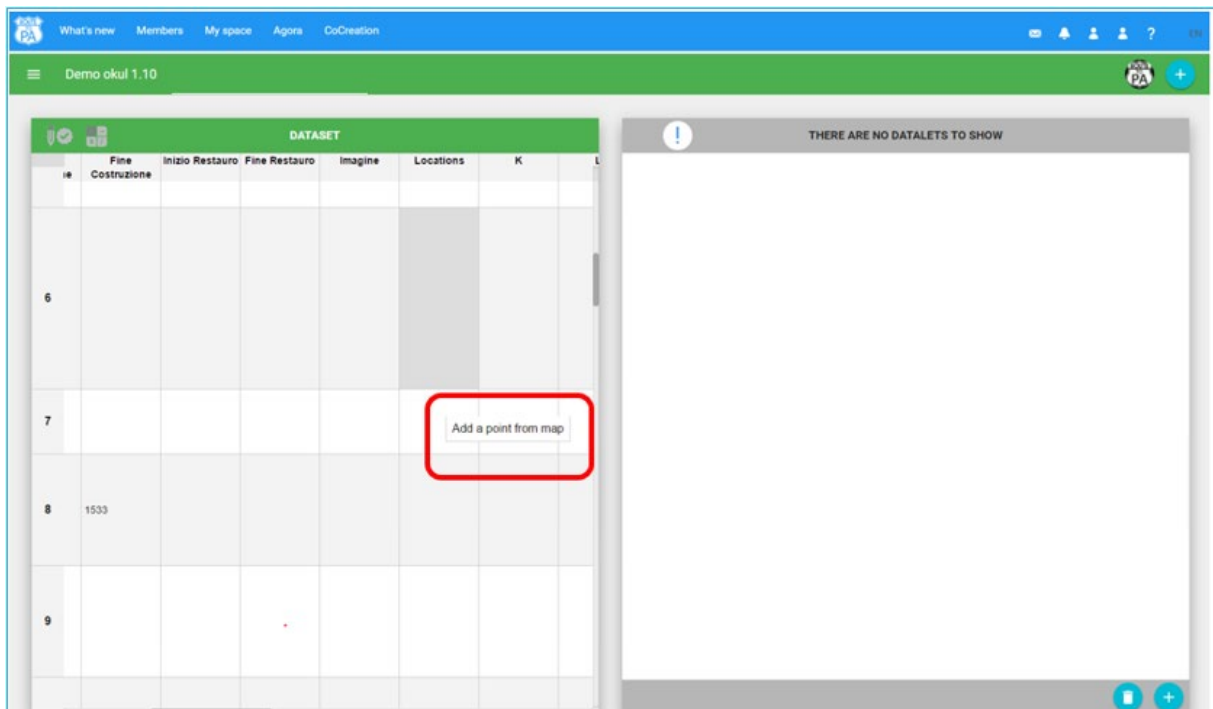


Figure 29: select a cell and mouse right click to appear “Add a point from the map” button

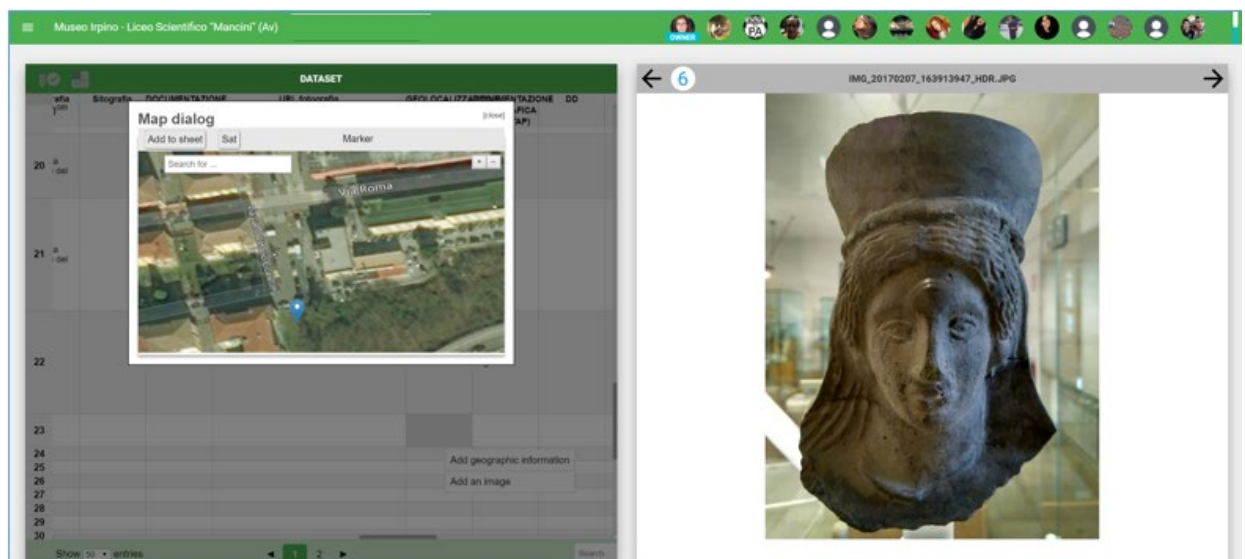


Figure 30: Search box on the left top side with autocomplete

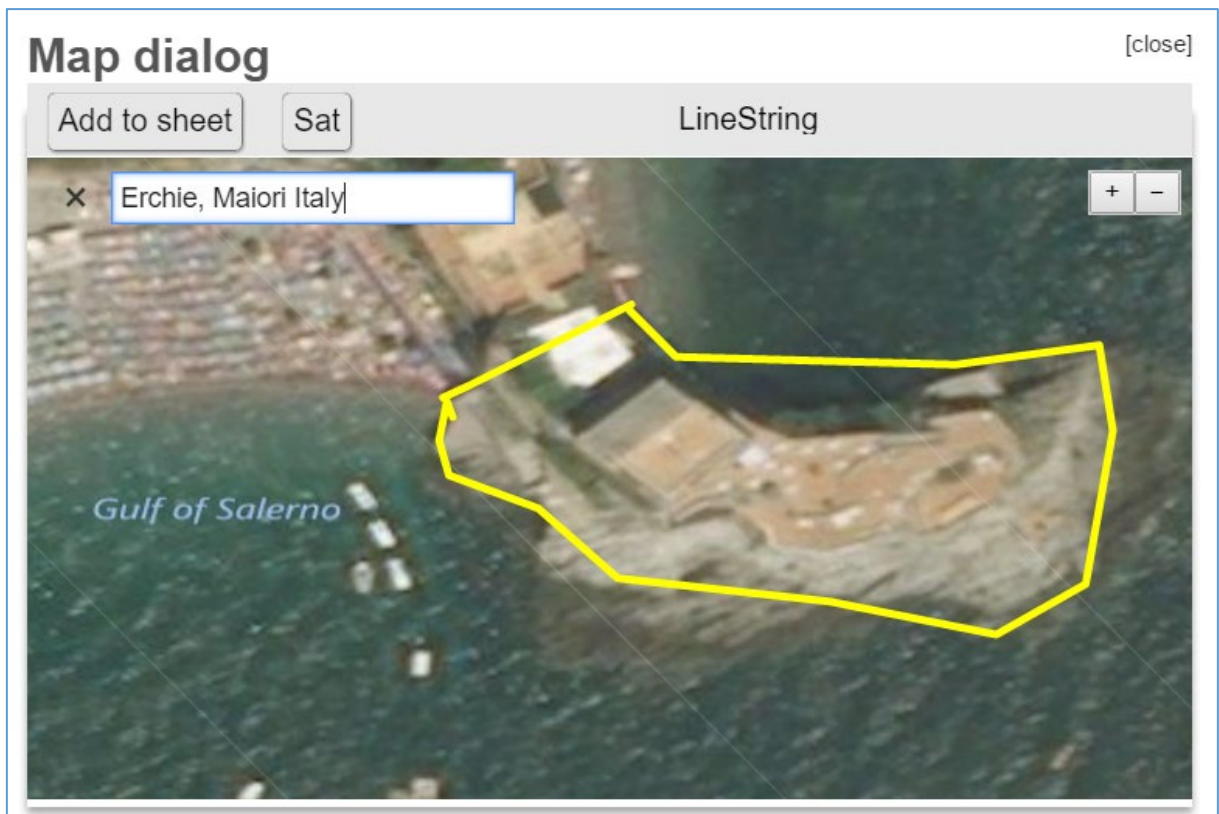


Figure 31: Customize the map

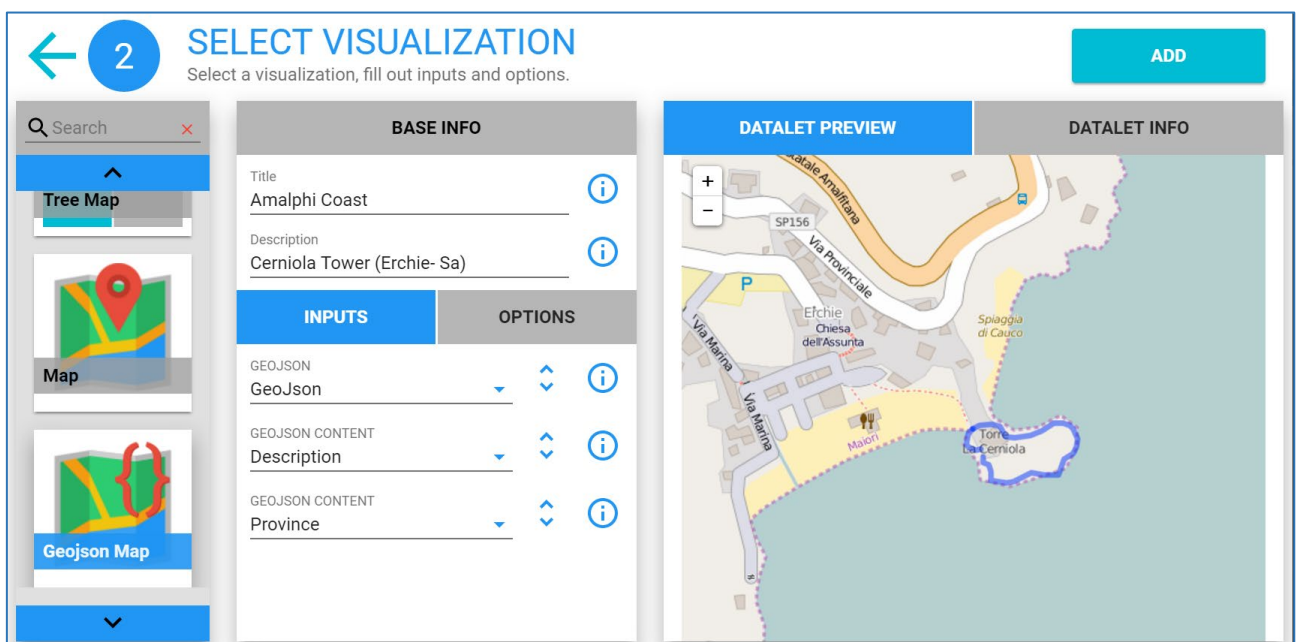




Figure 32: Add a datalet with a custom map

9.1.11 FUNCTION IN SPREADSHEET

Click on  "Views Functions" button on the left top side of the sheet and new functions list appears. Each column is named with A, B, C etc, here an example to sum all values in the third column: =sum(C2:C85).

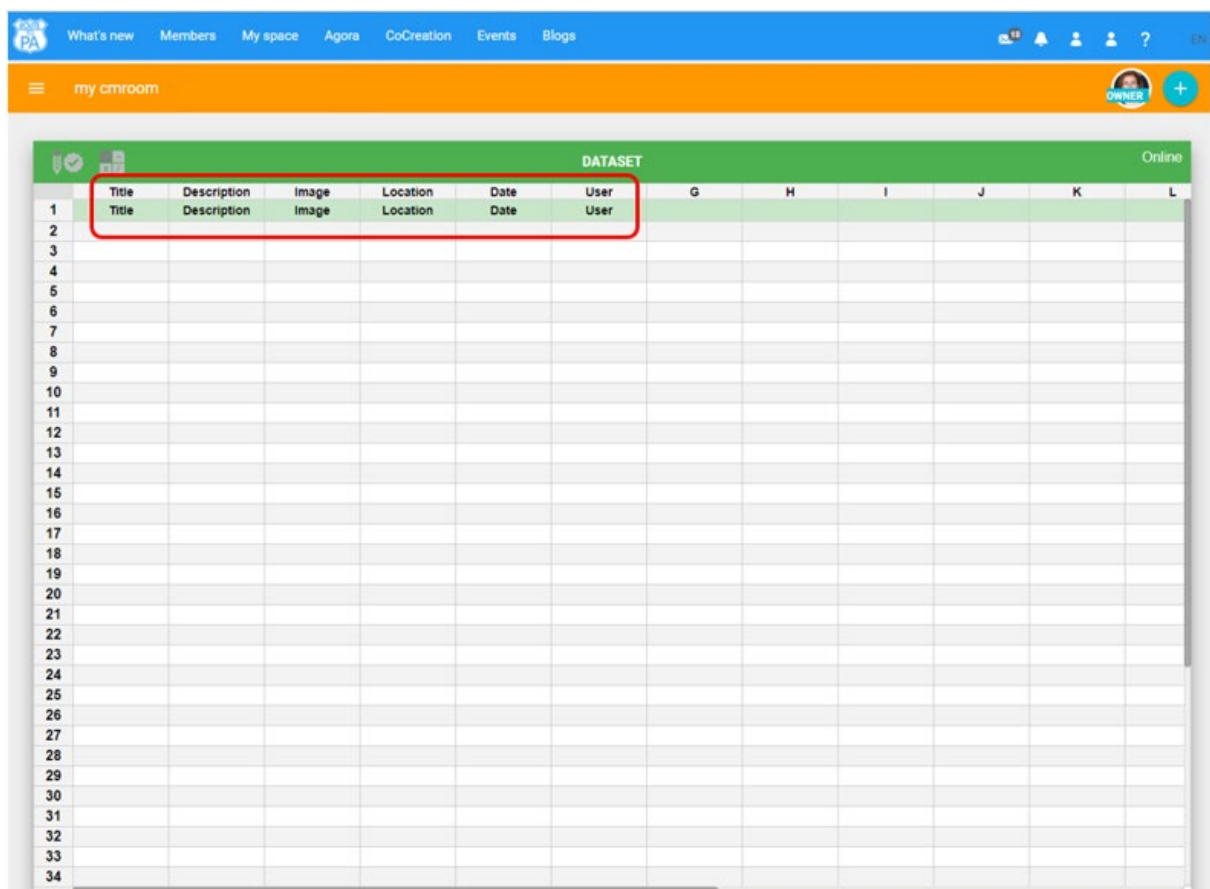
Quaderni dell'Osservatorio Elettorale n.3 -					
FUNCTION					
SUM(num1,num2,...) - Returns the sum of one or more numbers	62	CDU	15760	3.66	0
PRODUCT(num1,num2,...) - Returns the product of two or more numbers	63	RINNOVAMENTO IT-DINI	24755	4.24	0
AVG(num1,num2,...) - Returns the average (mean) value of two or more numbers	64	FEDERAZIONE DEI VERDI	63123	4.26	1
ABS(num) - Returns the absolute value of a number	65	SDI	9533	4.34	
ACOS(num) - Returns the arccosine of a number	66	Rifondazione Comunista	65996	4.46	1
ASIN(num) - Returns the arcsine of a number	67	CENTRO CRIST.DEM.	67691	4.57	1
ATAN(num) - Returns the arctangent of a number	68	SDI	20694	4.8	0
ATAN2(y,x) - Returns the arctangent of the quotient of its arguments	69	DEM.CRIST.	72801	4.92	2
CEIL(num) - Returns the smallest integer greater than or equal to a number	70	I DEMOCRATICI	29252	5.01	1
COS(num) - Returns the cosine of a number	71	I DEMOCRATICI	76177	5.15	1
EXP(num) - Returns e raised to the power of a number, where e is Euler's constant, the base of the natural logarithm	72	UDEUR	77522	5.24	1
FLOOR(num) - Rounds a number down to the nearest whole number	73	I DEMOCRATICI	22781	5.29	1
LOG(num) - Returns the natural	74	CENTRO CRIST.DEM.	12768	5.81	
	75	CENTRO CRIST.DEM.	35546	6.09	1
	76	CENTRO CRIST.DEM.	9919	6.5	0
	77	UDEUR	1478	6.72	
	78	UDEUR	40335	6.91	1
	79	SDI	43202	7.4	1
	80	CENTRO CRIST.DEM.	34142	7.93	1
	81	PPI (POP)	12672	8.3	0
	82	PPI (POP)	128469	8.68	2
	83	I DEMOCRATICI	13387	8.77	0
	84	UDEUR	40414	9.38	1
	85	Alleanza Nazionale	14825	9.71	0
	86	Totali	2815359	=sum(C2:C85)	
	87				
	88				
	89				
	90	10			
	91	20			
	92	30	2815359	0	

10 MEDIA DATA ROOM

Media data room () was introduced to create a synchronized photos dataset with the Mobile version (see “SPOD Mobile” section)

Important notice:

The first six columns (i.e. Title, Description, Image, Location, Date and User) must not be deleted or renamed, new columns can be added



DATASET												Online
	Title	Description	Image	Location	Date	User	G	H	I	J	K	L
1	Title	Description	Image	Location	Date	User						
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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34												
35												

11 COMMENTARIUM ROOM

Commentarium room allows the owner of the room to upload and modify a document, and adding comments; all invited users can only add to the document (that is in read only) and it is possible to mark the text originally selected when user adds a comment.

In the Commentarium room, the menu shows

- Discussion room
- Info about the room

11.1 THE RULE IN THE COMMENTARIUM

Role

At moment, two specific roles have been introduced: the owner of the document and the annotators.

Access rights

For each role you would set up access to content individually. This is done by specifying what the user is allowed and not allowed to do. The access is specified by:


- Create, edit a document
- Add tags
- Add comments

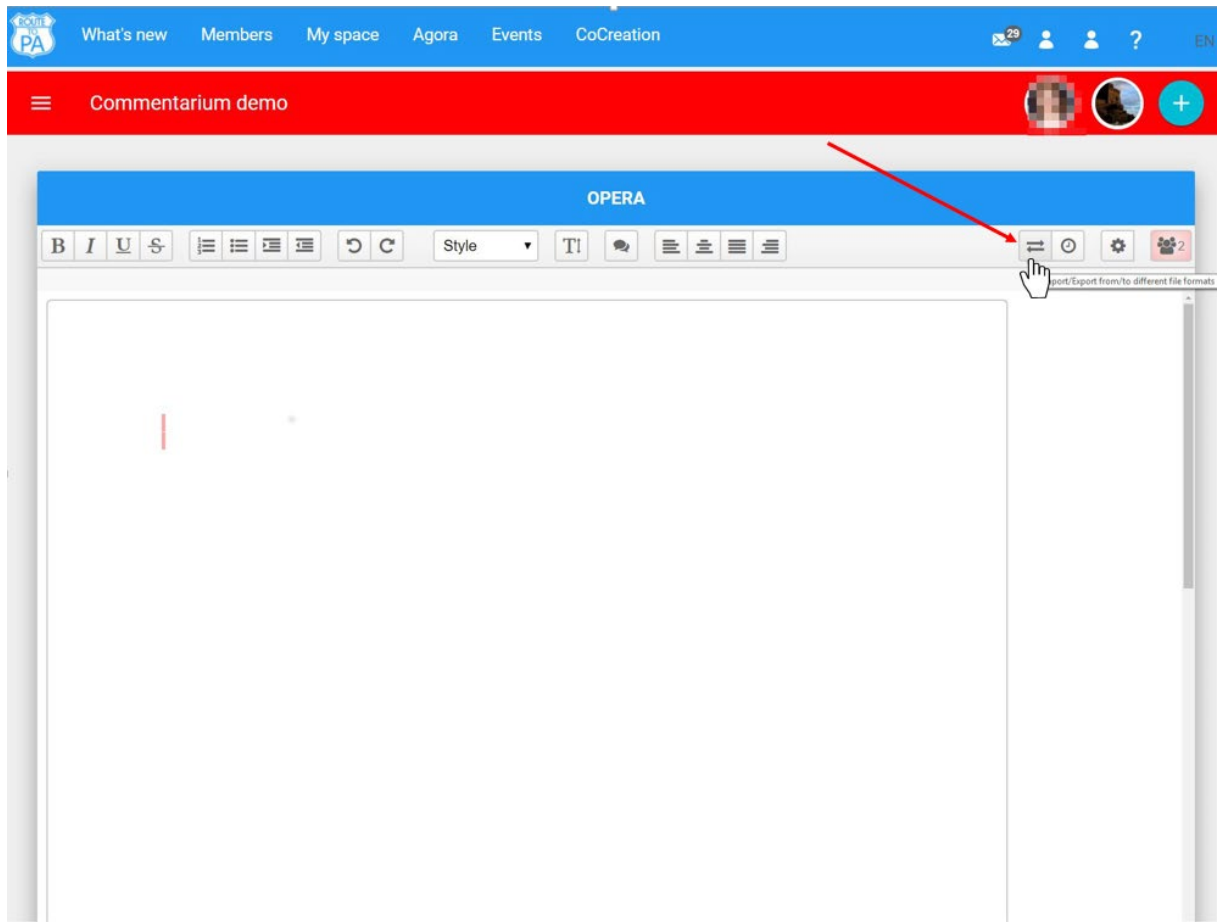
Action	Owner	Users/Annotators
Create, modify a new document	✓	-
Add tags	✓	-
Add comments	✓	✓

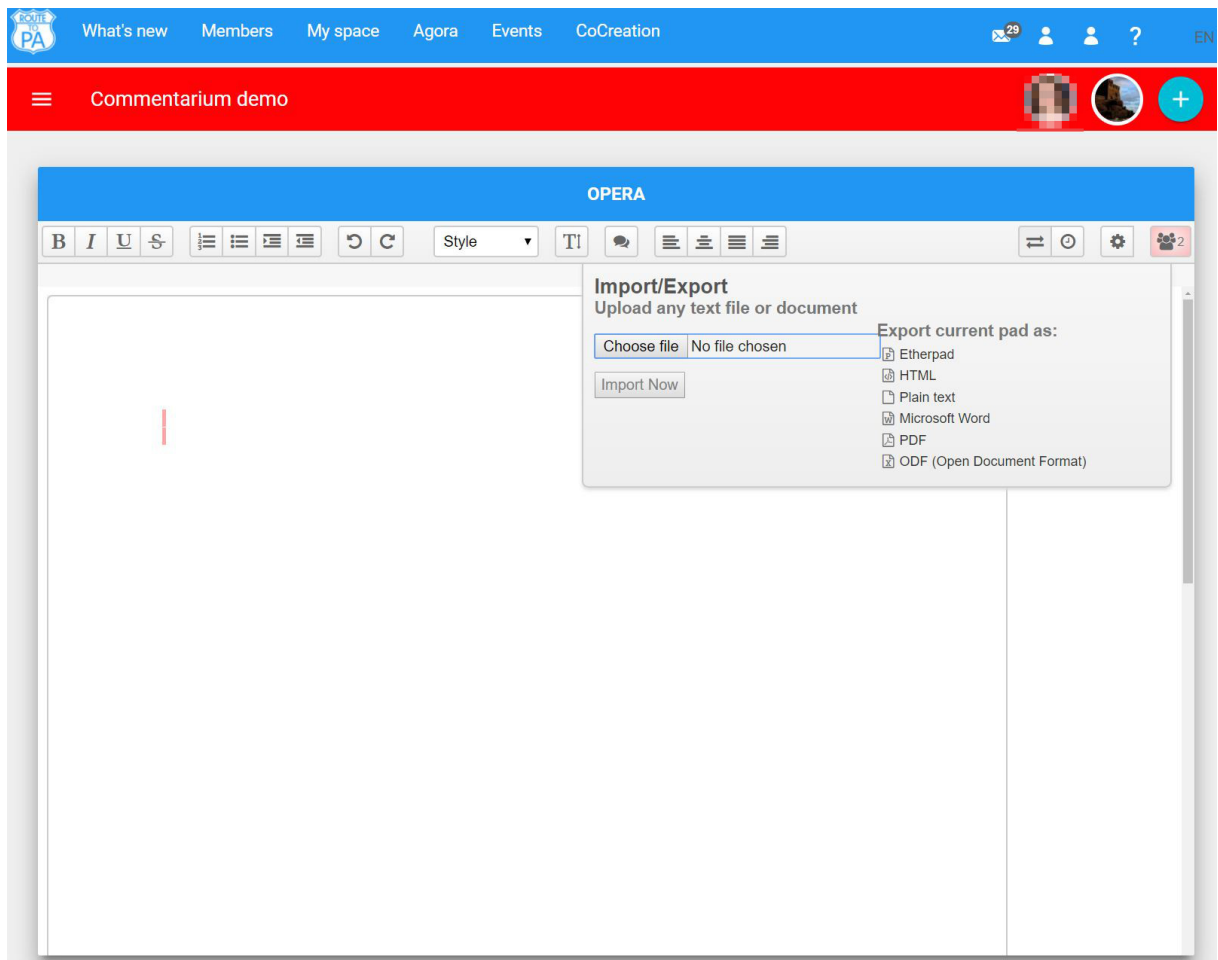
11.2 THE OWNER OF THE DOCUMENT

The owner of a document can import and edit of a document, add new comments.


11.2.1 IMPORT A DOCUMENT

The owner of Commentarium room can import a document, clicking on the  button and dialog opens importing different file formats (i.e., any text file or document)





11.3 ANNOTATOR DOCUMENTS

In the Commentarium room, it is possible to annotate the shared document, highlighting the selected text of the document (see (1) in the screenshot below) and then click on the  button (see (2) in the screenshot below), after highlighted text and finally add the comment (see (3) in the screenshot below). All comments will be visible on the right of the page and the comment details are displayed when user clicks on the comment.

What's new Members My space Agora Events CoCreation

Commentarium test

OPERA

2

3

Comment

My private comment

☒ Include suggested change

Suggest change From:

Sacramentum igitur regis, ut angelica auctoritate prolatum est, bonum est abscondere: opera autem honorificum est (Tob 12, 7).

To:

Comment Cancel

1

5. Nec attingam ea omnia insinuare, quae idem beatissimus Augustinus in suis *Confessionum* libris perceptam gratiam fuerit, qualisque iam sumpta viveret, designavit.

6. Hoc enim facere voluit, ut ait Apostolus, ne de se quisquam hominum supra quam se esse novum crederet vel putaret (2 Cor. 12, 6), humilitatis sanctae more utique nihilo fallens, sed laudem non sui liberatione ac munere quaerens, ex iis videlicet quae iam perceperat; et fraternalis preces poscens.

7. *Sacramentum* igitur regis, ut angelica auctoritate prolatum est, bonum est abscondere: opera autem honorificum est (Tob 12, 7).

PARS PRIMA

VITA AUGUSTINI RESQUE AB EO G





TEMPORUM ORDINE SERVATO NARI





(cc. 1-18)

Augustini ortus, conversio et baptismus. Ambrosii doctrina revocatur ab errore Manichaeorum. Baptizatur ab eodem.

See the screenshot below to see the annotated document and to see how the comments (see (2) in the screenshot below) are only visible when hovering over (see (1) in the screenshot below):




[What's new](#)
[Members](#)
[My space](#)
[Agora](#)
[Events](#)
[CoCreation](#)
30



EN


demo v3.3




OPERA

B
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≡

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Table
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≡
≡
≡

↔
⌚
⚙️
👥 2

Style
T1
Tags

xviii. de sancto Hilario
 xviii. de sancto Cypriano xx. de sancto Ambrosio xxi. de sancto Hieronymo xxii. de sancto Augustino xxiii. de abba Eugippio et abba Dionisio xxiiii. Recapitulatio generalis, quo studio divinae Scriptura sancta legenda sit
 xxv. cosmographos legendos a monachis
 xxvi. de notis affigendis
 xxvii. de schematibus ac disciplinis
 xxviii. quid legant qui scripturas logicas introire non
 xxviii. de positione monasterii Vivariensis sive Castellensis
 xxx. de antiquariis et commemoratione orthographiae
 xxxi. de medicis
 xxxii. commonitio abbae congregationisque monachorum
 xxxiii. Oratio

Explicuerunt tituli libri primi. Incipit eiusdem opus promissum. --Deo gratias.

I. DE OCTATEUCHO

1. Primus Scripturarum divinarum codex est Octateuchus, qui initium illuminationis nostrae historica relatione fecit a Genesi. huius principia sanctus Basilius Attico sermone lucidavit, quem Eustathius, vir disertissimus, ita transtulit in Latinum ut ingenium doctissimi viri facundiae suae viribus aequalperasse videatur. qui usque ad hominis conditionem novem libros tetendit, ubi et caeli et terrae naturam, aeris et aquarum vel creaturarum paene omnium qualitates aperuit, ut quod in auctoritate brevitatis studio


Comment





#

CumStudia
DeoGratias


Comment
Cancel



The screenshot below shows a comment with a chosen tag:


[What's new](#)
[Members](#)
[My space](#)
[Agora](#)
[Events](#)
[CoCreation](#)

 15
 







EN


demo v3.3

OPERA

Table




 2

xxviii. de positione monasterii vivanensis sive castelensis
xxx. de antiquariis et commemoratione orthographiae
xxxi. de medicis
xxxii. commonitio abbae congregationisque monachorum
xxxiii. Oratio

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I. DE OCTATEUCHO

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terrae naturam, aeris et aquarum vel creaturarum paene omnium
qualitates aperuit, ut quod in auctoritate brevitatis studio
praetermissum est, tractatum latius minutissime atque clarissime
disceretur.

2. Nam et pater Augustinus, contra Manicheos duobus libris
disputans, ita textum Genesis diligenter exposuit, ut paene nihil
relinquere probaretur ambiguum; unde contigit ut nolens praestaret
nobis heresis confutata quatenus, cum illa fortiter vincitur, catholici
diligentius instruantur. quos libros in codice supradicti Basilii, ut
opinor, forsitan competenter adiunximus, ut textus praedictae
Genesis lucidius legentibus panderetur.

3. Deinde sanctus Ambrosius, ut est planus atque suavissimus
doctor, exinde sex libros eloquentiae suae more confecit, quos
appellavit Exameron.

Giuseppina Palmieri:

#Deogratias

Insert your comment

12 INTERACTION BETWEEN SPOD AND TET

The following services are provided, although visible only on TET side:

- “Get public rooms where a dataset is used in discussion”: list of rooms where a dataset imported from TET is used and showing the following information for each room: title, summary, number of view, number of comments, number of open data, creation and timestamp

12.1 ROOMS USING A DATASET

When a user is browsing through a dataset details in TET 2.0, he is also presented with a list of Agora Rooms from SPOD where that dataset is used in form of a datalet. The picture below shows that the dataset “Punti Wi-Fi ad accesso libero Del Comune di Prato e della Provincia di Prato” is being used for discussion in a room called “Ampliamento della rete Prato free Wi-Fi”.



12.1.1.1 ROOM SUMMARY

For each room listed by the DataFlow “Rooms using a dataset”, SPOD also exports another DataFlow called “Room summary”. In the same example as above, TET can also display a preview of the room:

 Discussions at SPOD

> Ampliamento della rete Prato free Wi-Fi



Elena Palmisano
 Ciao Massimiliano, ti invito nella stanza di cocrazione sul wi-fi, così puoi aggiungere personalmente le postazioni che ritieni utili, insieme alle motivazioni.



Massimiliano Giunta
 Oppure nei giardini di via Baracca! Sarebbe utile che ci fosse un hotspot wifi che coprisse l'area dove si trova il bocciodromo. Così come sarebbe interessante avere un'area wifi lungo la ciclabile di viale Galilei. Questa potrebbe unirsi ad una possibile futura area wifi lungo il Bisenzio (come suggeriva Riccardo). Un'altre area wifi molto utile sarebbe in piazza

Stazione, soprattutto la corrispondenza del servizio degli autobus. A fine

vede che lì c'è quella della Circoscrizione Ovest, anche lì un hot spot del

wifi sarebbe utile, al momento non risulta ce ne siano.



Elena Palmisano
 Gli impianti sportivi più vicini sono quelli del Luca Conti, forse potrebbe essere più utile mettere un hot spot lì vicino, visto che piazza/via Pietri mi sembra più una zona solo residenziale.

[Join the discussion](#)

In the picture above, SPOD exports a list of comments, authors and avatars from the Agora Room. The user can reach the discussion on SPOD just by clicking on the Room title (“Ampliamento della rete Prato free Wi-Fi”) or by clicking on the link “Join the discussion”.

User not logged

In SPOD platform, a discussion room appears and a user can login clicking log-in link on the right top corner.

Organizations /
Dublinked /
Dublin City Council Prompt ... /
DDC_PromptPayment2013QTR2.csv

Go to resource
Data API

DDC_PromptPayment2013QTR2.csv

URL: <https://data.dubllinked.ie/dataset/d13cc82e-273c-408e-bb2c-9f24861b5d44/resource/8e761a2a-f16f-4c9e-8d4e-2ebc42f56b4c/download/ddcpromptpayment2013qtr2.csv>

From the dataset abstract

Local Government Financial Reporting Prompt Payments schedule for Dublin City Council. Lists total quarterly invoices paid. This information refers to purchases in excess of...

Source: Dublin City Council Prompt Payments

Data Explorer
Pivot Table

Embed

Export to SPOD

Table

Vendor Name

_id

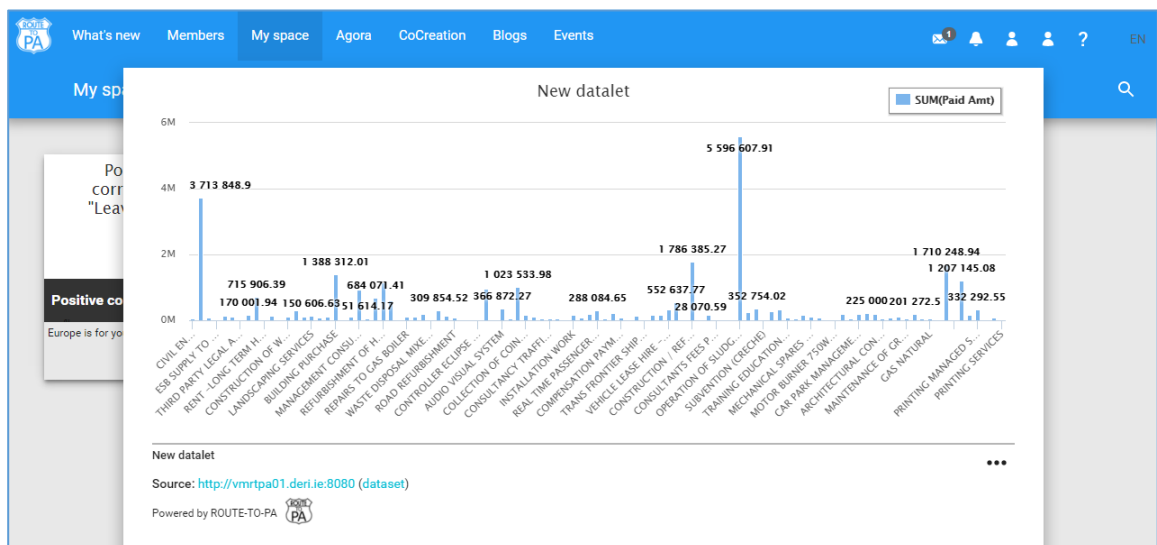
Paid Amt

Sum

Paid Amt

Item Description

Item Description	Totals
ARCHITECTURAL PROFESSIONAL SERVICES	112,017.65
ATTIC INSULATION WORKS	96,047.35
AUDIT FEES	21,403.40
BUILDING PURCHASE	1,388,312.01
CATERING	50,779.44
CCTV CAMERA	34,620.20

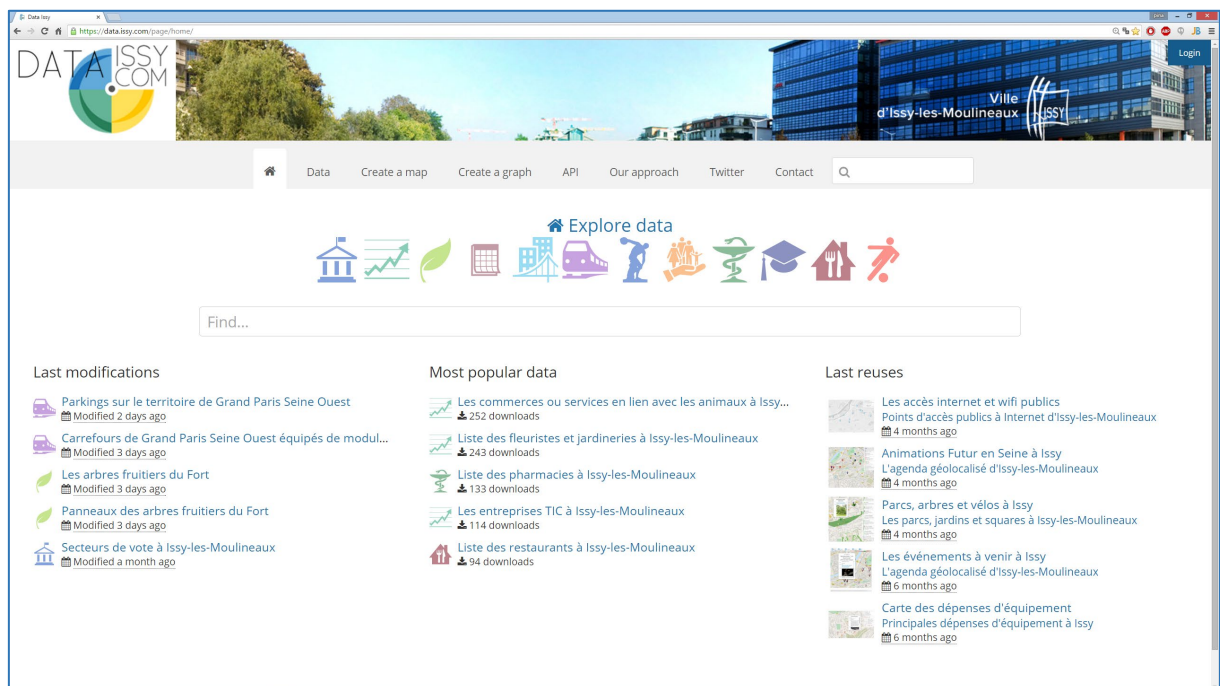


13 COMMUNICATION BETWEEN OPENDATASOFT AND SPOD

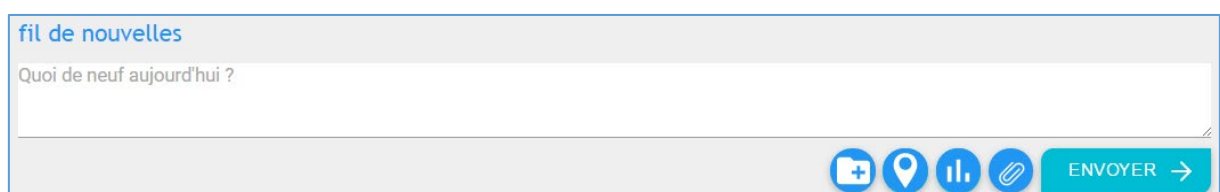
SPOD platform accesses datasets published on open data portal across Europe as Issy-les-Moulineaux (<https://data.issy.com/page/home/>, Open Data Portal, powered by OpenDataSoft).

13.1 ISSY-LES-MOULINEAUX IN SPOD

Issy-les-Moulineaux opens public datasets made available by the Open Data portal (<http://data.issy.com/>) and all data include several categories.



In SPOD platform, a new discussion can start on the selected dataset and visualise a specific chart starting a discussion on Open Data. To post a new chart and a comment, e.g., in “*Quoi de nouveau?*” page, by clicking on the “*Quoi de neuf aujourd’hui?*” text:




In SPOD platform, clicking on  button, a wizard of the Controllet allows to visualize the dataset:

1


SÉLECTIONNER UN JEU DE DONNÉES

Rechercher ou copier/coller l'URL du jeu de données.

→

DATASET DE PROVIDER	DATASET COCRÉE	RECHERCHE AVANCÉE
<p>Provider: Tout</p> <ul style="list-style-type: none"> Succursale Centre d'urgence à Issy-les-Moulineaux Les dépenses de fonctionnement par types de services à la population Déchèteries fixes de Grand Paris Seine Ouest Liste des établissements scolaires à Issy-les-Moulineaux Les panneaux électroniques d'information à Issy-les-Moulineaux Structure des recettes d'investissement Les cimetières et pompes funèbres à Issy-les-Moulineaux Résultats des exercices budgétaires à Issy-les-Moulineaux Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulineaux 	<h3>INFORMATIONS SUR DATASET</h3> <p>Où sont-ils à Issy? Combien sont-ils?</p> <p>Le jeu de données permet de localiser les panneaux.</p> <p>Un lien vers street view permet de voir le panneau dans la ville.</p> <p>Un autre lien vers le site http://www.kiwipius.fr/ permet de visualiser les messages en cours de diffusion (sélectionner Issy-les-Moulineaux).</p> 	
<p>Aperçu 1 à 20 de 949 dataset</p> <p>API URL sélectionné https://data.issy.com/api/records/1.0/search?dataset=les-panneaux-lumineux-a-issy-les-moulineaux </p>		

Another way (“remote address”) is to add a new dataset by clicking on “Selected URL” text to import a chosen dataset:

- Search an Open Data portal with a data catalogue with OpendataSoft web API (e.g., portal Open data portal of the Issy (France), <https://data.issy.com/>).
- The Open Data portal offers Data API to use in SPOD, by clicking on the  button and the address for SPOD on the bottom of the web page

"<https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&sort=-annees&facet=annees>"

1 SÉLECTIONNER UN JEU DE DONNÉES

Rechercher ou copier/coller l'URL du jeu de données.

DATASET DE PROVIDER

Provider: Tout

- Les dépenses de fonctionnement par types de services à la population
- Déchèteries fixes de Grand Paris Seine Ouest
- Liste des établissements scolaires à Issy-les-Moulineaux
- Les panneaux électroniques d'information à Issy-les-Moulineaux**
- Structure des recettes d'investissement
- Les cimetières et pompes funèbres à Issy-les-Moulineaux
- Résultats des exercices budgétaires à Issy-les-Moulineaux
- Evolution de la Dotation Globale de Fonctionnement versée à Issy-les-Moulineaux

DATASET COCRÉE


RECHERCHE AVANCÉE

APERÇU 1 À 20 DE 949 DATASET

API URL sélectionné
<https://data.issy.com/api/records/1.0/search?dataset=pastedtext1&sort=-annees&facet=annees>

INFORMATIONS SUR DATASET

Où sont-ils à Issy? Combien sont-ils?
 Le jeu de données permet de localiser les panneaux.
 Un lien vers street view permet de voir le panneau dans la ville.
 Un autre lien vers le site <http://www.kivipius.fr/> permet de visualiser les messages en cours de diffusion (sélectionner Issy-les-Moulineaux).



2 SÉLECTIONNER DONNÉES

Sélectionner les champs sur la gauche. Le tableau présentera les valeurs liées aux champs sélectionnés.

CHAMPS

- annees**
- encours_dette_3112n
- encours_dette_habitant_3112n
- interets_verses
- montant_rembourse

DONNÉES SÉLECTIONNÉES

annees	encours_dette_3112n	encours_dette_habitant_3112n	interets_verses	montant_rembourse
2008	31232193.65	502.33	1472025.5	4600728.65
2009	26249015.46	422.18	1246947.75	4983178.19
2010	20930829.38	336.64	810714.87	5318186.08
2011	16116714.95	259.22	651926.43	10914173.1
2012	11630097.9	178.44	287284.15	9480812.96
2013	3986432.25	61.16	193686.69	7643665.65
2014	916007.69	13.84	345838	3199424.56
2015	808249.77	12.21	4919.7	107757.92

APERÇU 1 À 8 DE 8 RANGÉES

MODE EXPERT

3 SÉLECTIONNER UN MODE DE VISUALISATION

Sélectionner une visualisation, compléter les données et les options.

RECHERCHER

HISTOGRAMME

Diagramme linéaire

INFORMATIONS DE BASE

Titre

Description

DONNÉES	OPTIONS
AXE DES X	
AXE DES Y [NUMBER]	
AXE DES Y [NUMBER]	
AXE DES Y [NUMBER]	
AXE DES Y [NUMBER]	
CATÉGORIE [OPT]	

APERÇU DU DATALET

INFORMATIONS DU DATALET

Diagramme linéaire

Un diagramme linéaire est un graphique qui propose des informations sous forme d'une série de points de données appelés des 'marqueurs', reliés entre eux pour former des lignes continues. Un diagramme linéaire est souvent utilisé pour visualiser une tendance dans les données en parallèle avec des périodes de temps données.

DONNÉES





- AXE DES X**
L'axe des x.
- AXE DES Y**
L'axe des y.
- CATÉGORIE**
La catégorie qui sépare les valeurs de l'axe des x. Si sélectionné, seulement le premier axe des y sera considéré.

OPTIONS


- Label de l'Axe des X**
Le label de l'axe des x.


fil de nouvelles

Quoi de neuf aujourd'hui ?





 ENVOYER →

Add a remote datalet ("remote address") clicking on "Selected url" text to import a chosen dataset

- Search an Open Data portal with a data catalogue with OpendataSoft web API (e.g., portal Open data portal) and clicking on  button








Parcours européens des lycées professionnels 2015

Parcours Bilan Europe


Bilan des aides versées aux lycées professionnels éligibles au dispositif "parcours européens".

Modifié : 16 octobre 2015
 Producteur : Région Île-de-France
 Licence : Licence Ouverte

 Tableau
  Carte
  Analyse
  Export

- The Open Data portal offers Data API to use in SPOD, by clicking on the  button and the address for SPOD on the bottom of the web page

Île-de-France — Paris : x
 data.iledefrance.fr/explore/dataset/bilan-parcours-europeens-des-lycees-professionnels-2015/?tab=export


 Données Actus Réutilisations API Démarche Licences Contact Mentions légales

Retour
 56 enregistrements
 Recherche textuelle
 Rechercher...


type
 Public 51
 Privé 5
 Académies
 Versailles 34
 Créteil 12
 Paris 10

Parcours européens des lycées professionnels 2015


Informations Tableau Carte Analyse Export API 0 commentaire Partager

Ce jeu de données est sous licence : Licence Ouverte


Télécharger en CSV

 Télécharger le jeu de données complet


Télécharger en JSON

 Télécharger le jeu de données complet


Télécharger en Excel


 Télécharger le jeu de données complet

Télécharger en GeoJSON

 Télécharger le jeu de données complet

Télécharger en Shapefile

 Télécharger le jeu de données complet

Conditions d'utilisation 

2 SÉLECTIONNER DONNÉES

Sélectionner les champs sur la gauche. Le tableau présentera les valeurs liées aux champs sélectionnés.

CHAMPS	DONNÉES SÉLECTIONNÉES			
	academies	attribution_cp_15_045	bilan_bourse	geometry
complement	Versailles	8 094,00 €	6 816,00 €	
consommation_reelle	Versailles	3 834,00 €	3 834,00 €	
desaffectation	Créteil	6 816,00 €	5 964,00 €	
différence	Créteil	2 556,00 €	2 556,00 €	
disponible	Créteil	4 260,00 €	2 556,00 €	
etablissements	Paris	1 704,00 €	1 704,00 €	
frais_de_partenariat	Versailles	8 520,00 €	7 668,00 €	
geometry	Versailles	4 260,00 €	3 408,00 €	
nombre_beneficiaires	Paris	3 408,00 €	2 982,00 €	
reliquats_n_1	Versailles	8 094,00 €	8 094,00 €	
type	Versailles	3 834,00 €	1 704,00 €	
wsg84	Créteil	852,00 €	0,00 €	
	Versailles	6 816,00 €	Déclassement	

Aperçu 1 à 56 de 56 rangées

MODE EXPERT

3 SÉLECTIONNER UN MODE DE VISUALISATION

Sélectionner une visualisation, compléter les données et les options.

Rechercher

Diagramme à bulles

Carte d'arborescence

Carte

Carte Geojson

INFORMATIONS DE BASE

Titre

Description

DONNÉES	OPTIONS
GEUJON	
geometry	
CONTENU GEUJON	
bilan_bourse	
CONTENU GEUJON	
attribution_cp_15_045	
CONTENU GEUJON	
academies	




APERÇU DU DATALET

INFORMATIONS DU DATALET

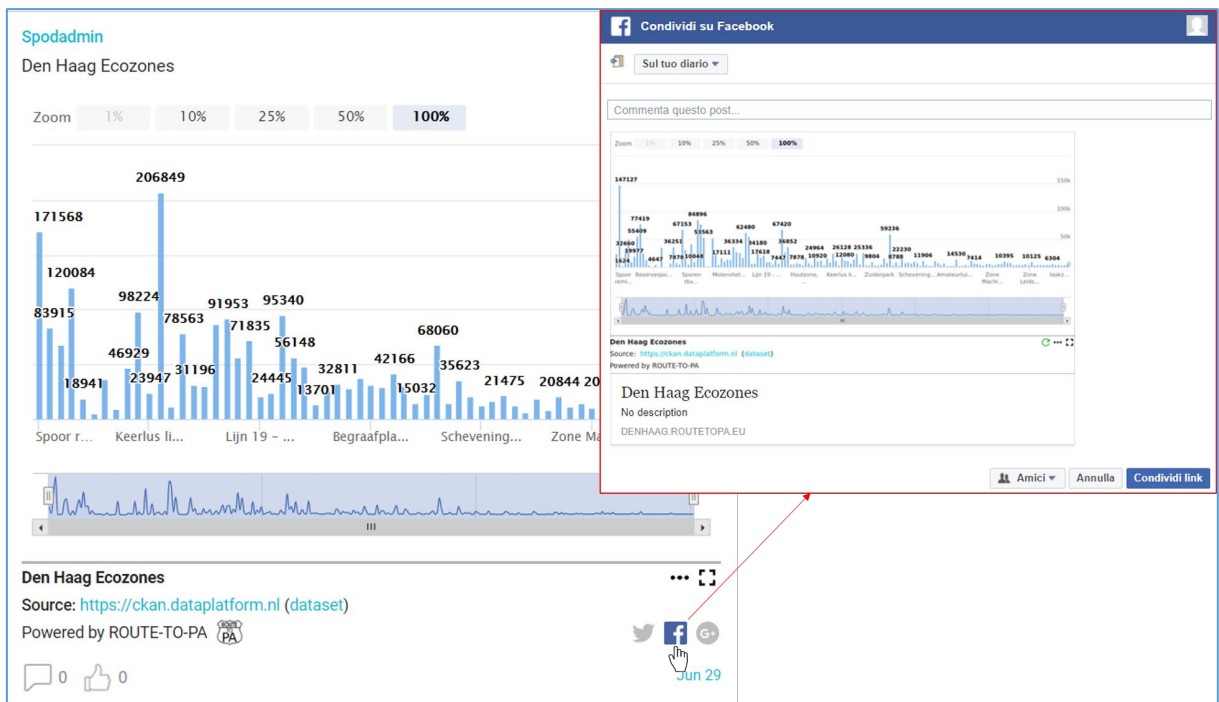
Source: <http://data.iledefrance.fr/dataset/>

14 DATALETS

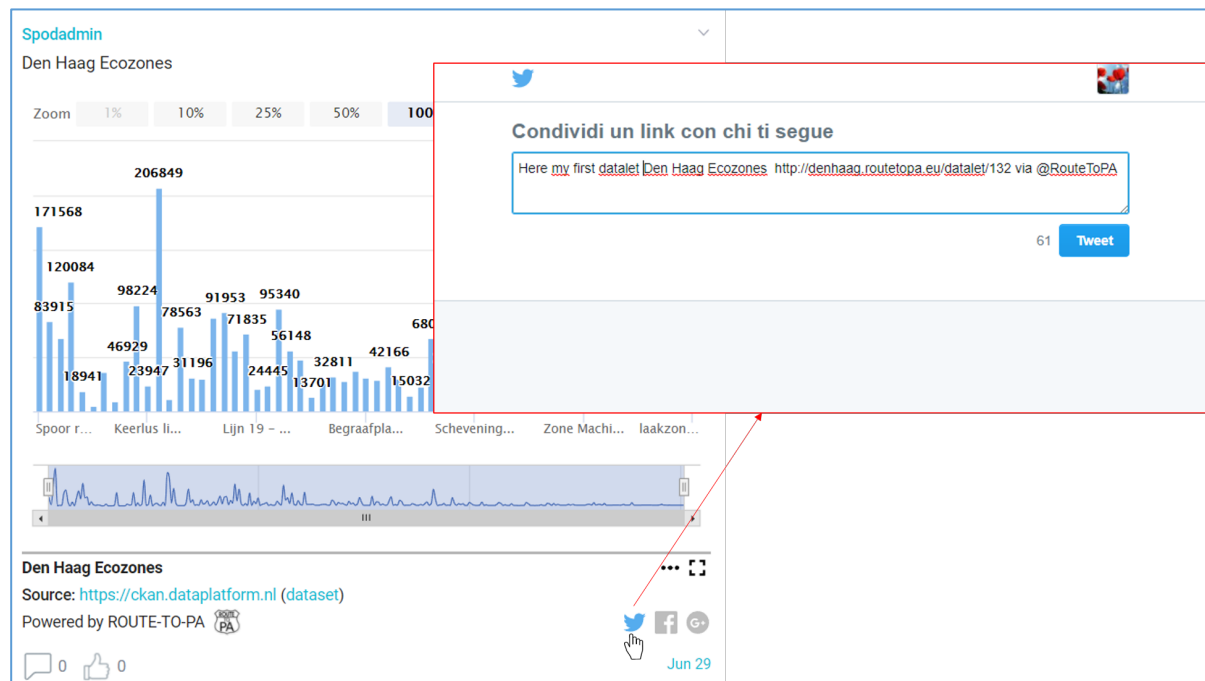
14.1 SPOD ON SOCIAL MEDIA: FACEBOOK, TWITTER AND GOOGLE+

How sharing a posting with datalet or directly the datalet on social media, namely Goggle+, Facebook or Twitter, respectively, clicking on the right side of each datalet on the social media button ( ,  , )

- **Share a post with datalet on Facebook:**



- Share a link with datalet on Twitter



- A datalet shared in Facebook:

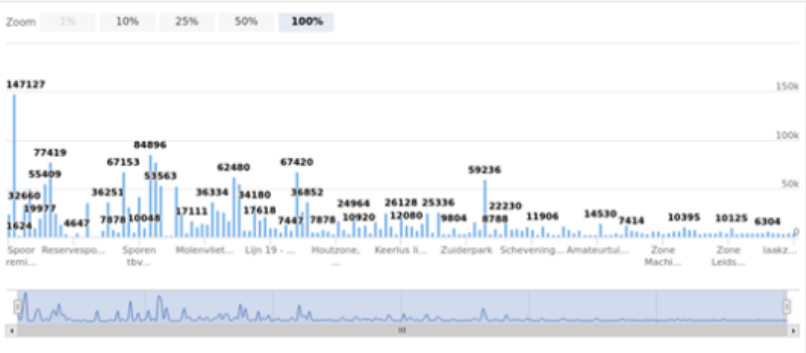
Facebook - Google Chrome

Secure | [https://www.facebook.com/sharer.php?s=100&p\[url\]=http://denhaag.routetopa.eu/datalet/132&p\[title\]=Den%](https://www.facebook.com/sharer.php?s=100&p[url]=http://denhaag.routetopa.eu/datalet/132&p[title]=Den%20Haag%20Ecozones)

Condividi su Facebook

Sul tuo diario ▼

Commenta questo post...



Den Haag Ecozones
Source: <https://ckan.dataplatform.nl> (dataset)
Powered by ROUTE-TO-PA

Den Haag Ecozones
No description
DENHAAG.ROUTETOPEU

Solo io ▼ Annulla Condividi link


Search Facebook

Create a Post | Photo/Video Album | Live Video

What's on your mind, ?

Photo/Video Feeling/Activity

shared a link.
51 mins ·

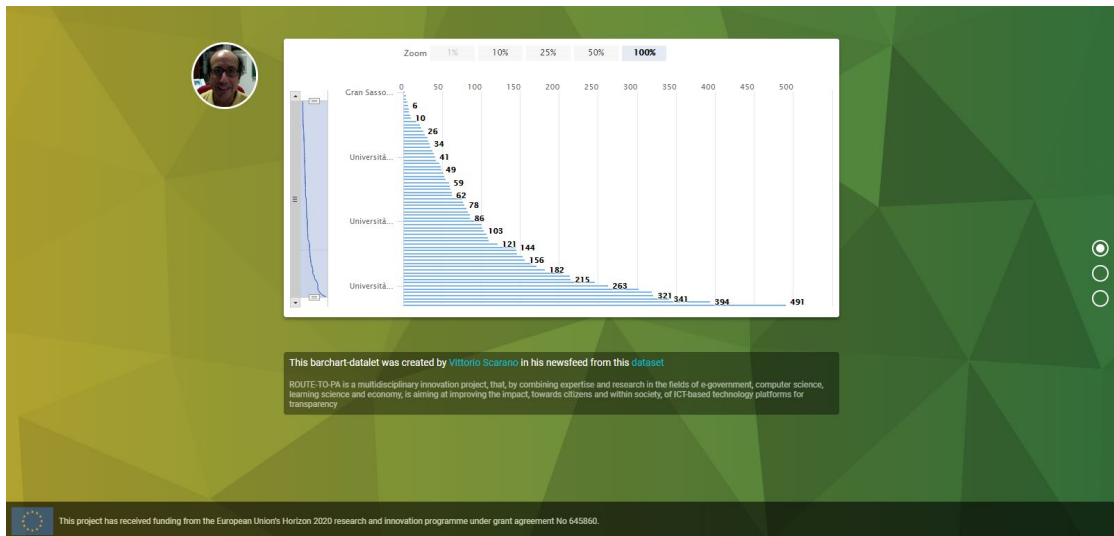


Den Haag Ecozones
Source: <https://ckan.dataplatform.nl> (dataset)
Powered by ROUTE-TO-PA

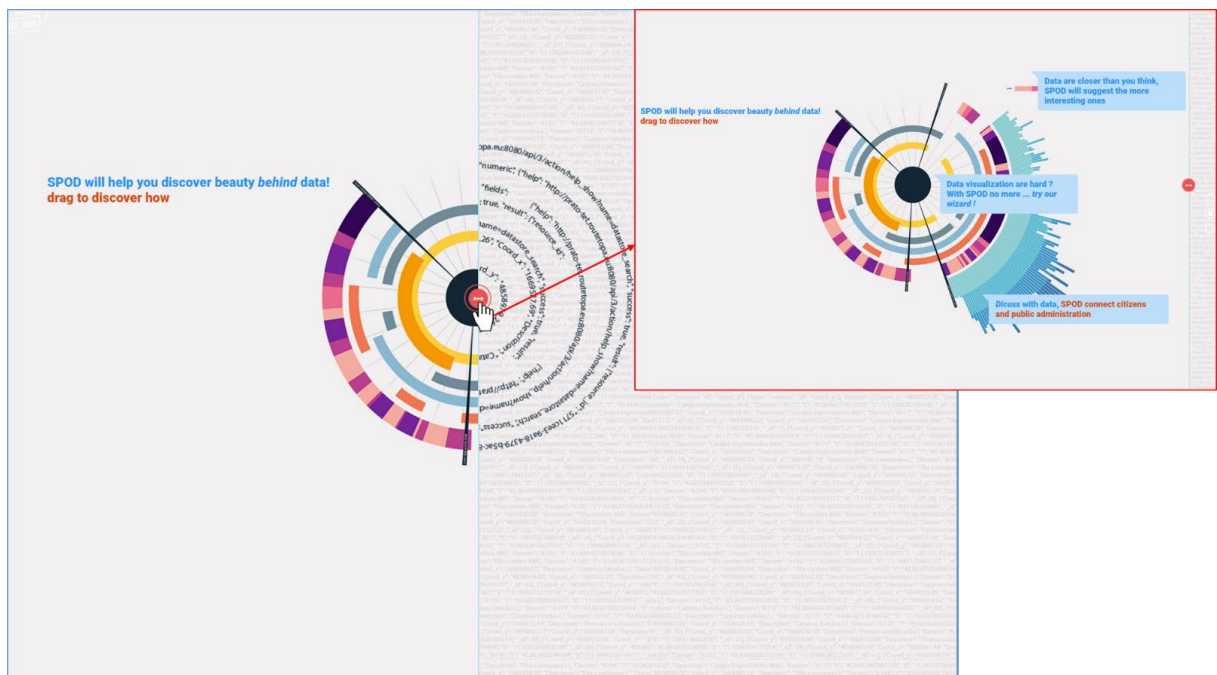
Den Haag Ecozones
No description
DENHAAG.ROUTETOPEU

Like Comment Share

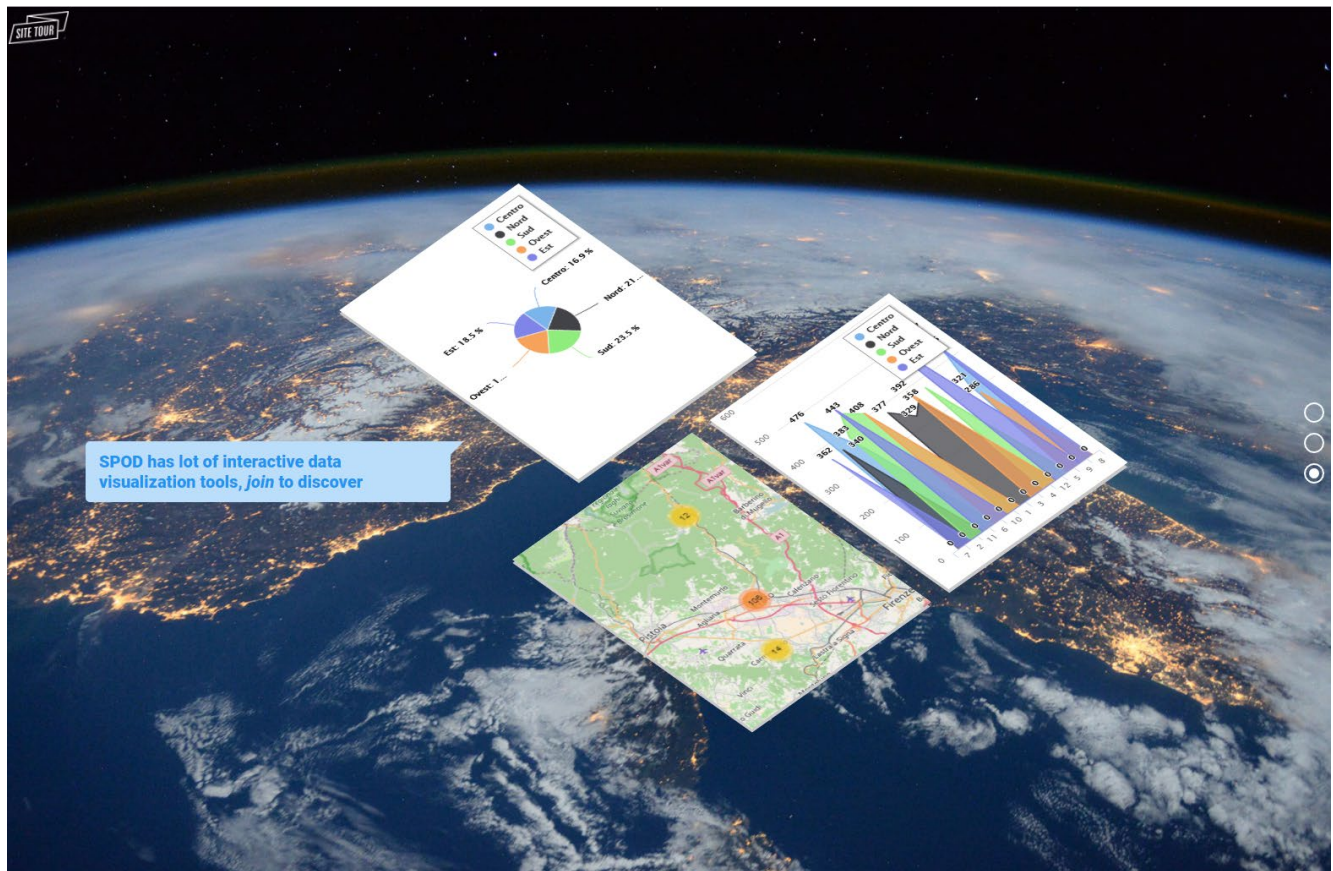
- **SPOD Tour (First page):** In Facebook, clicking on the SPOD post a new page explains details about the owner of the posting, where the data visualization is in SPOD (e.g., in What's new, in Agora)




- **SPOD Tour (the second page):** a second page allows dragging to the right to discover features of SPOD platform

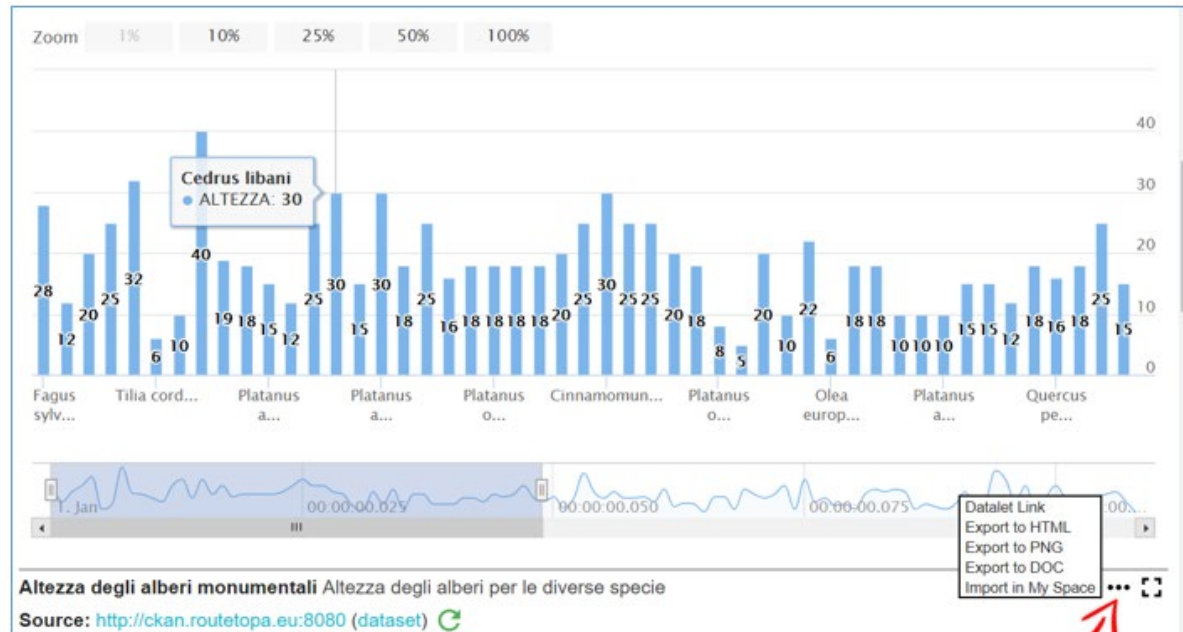


- On the right side of page, a navigation is available among the pages. The following page displays interactive datalets.



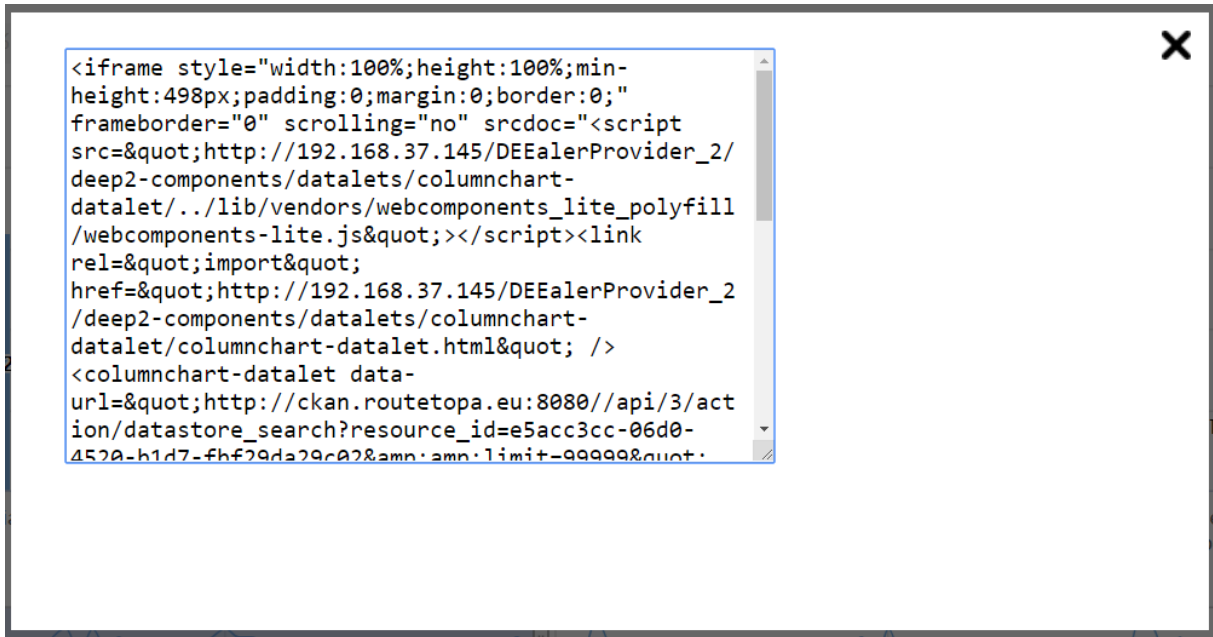
14.2 FEATURES OF A DATALET

The list of features available for each datalet, clicking  button on the on the right bottom corner of each datalet:

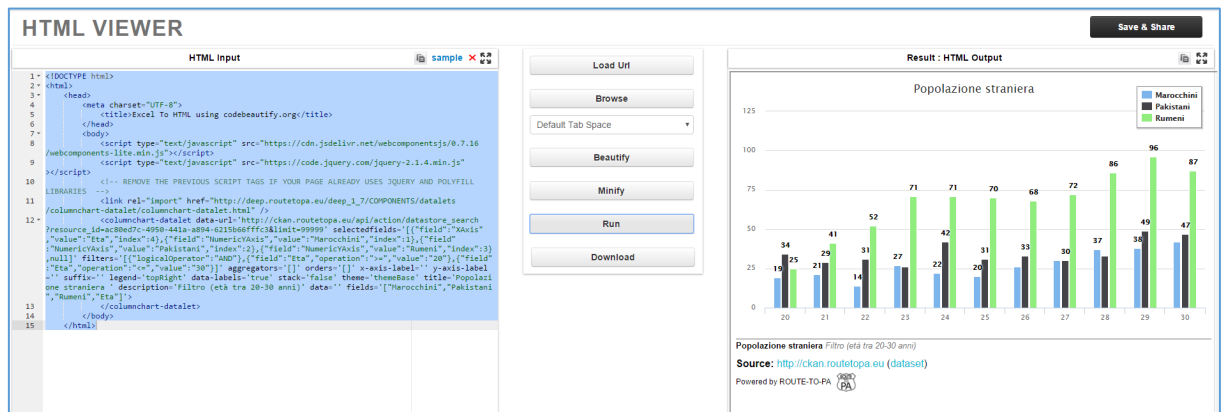


- Datalet link is the web page with datalet and additional information
- Export to HTML

Click on the “Export to HTML”, and a dialog opens to suggest to copy to clipboard with CTRL-C and then click on “ok” button. This feature provides a datalet that allows for a chart embedding with the use of in HTML `<iframe>` tags.









Furthermore, any html editor (e.g., <http://codebeautify.org/htmlviewer/>) can visualize the datalet,



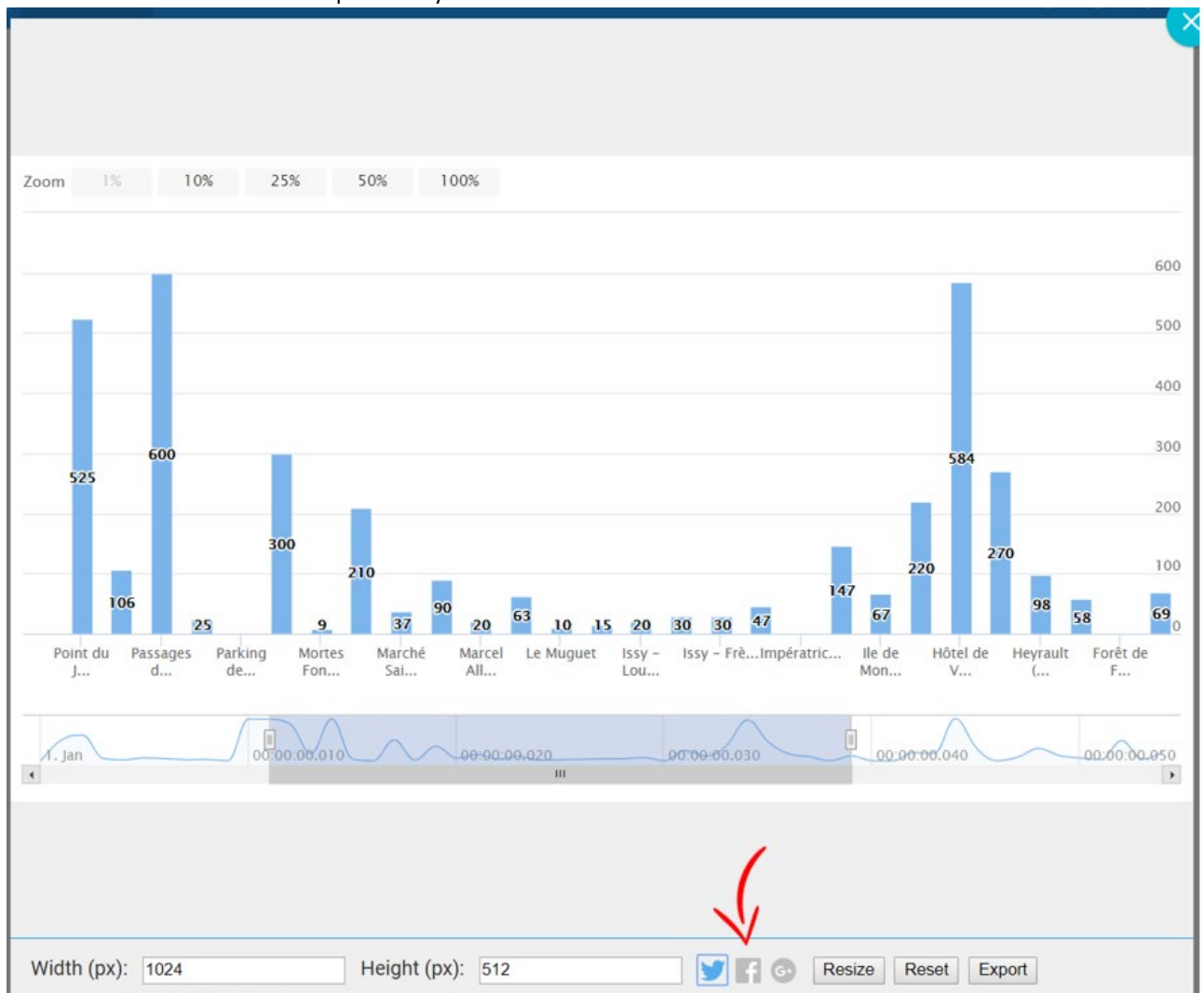
Other features for each datalet are:

- Export to DOC: download a doc file with additional information (such as the name, the creation date of the datalet, the dataset format, last modified URL and API; in additional it embeds an image of the datalet).
- Export to PNG:


Exporter service allows to customize images sizes for social networks ( ,  and ). Select a size preset or input your custom dimensions to share an image post. Follow the recommended image dimensions for your favourite social network.

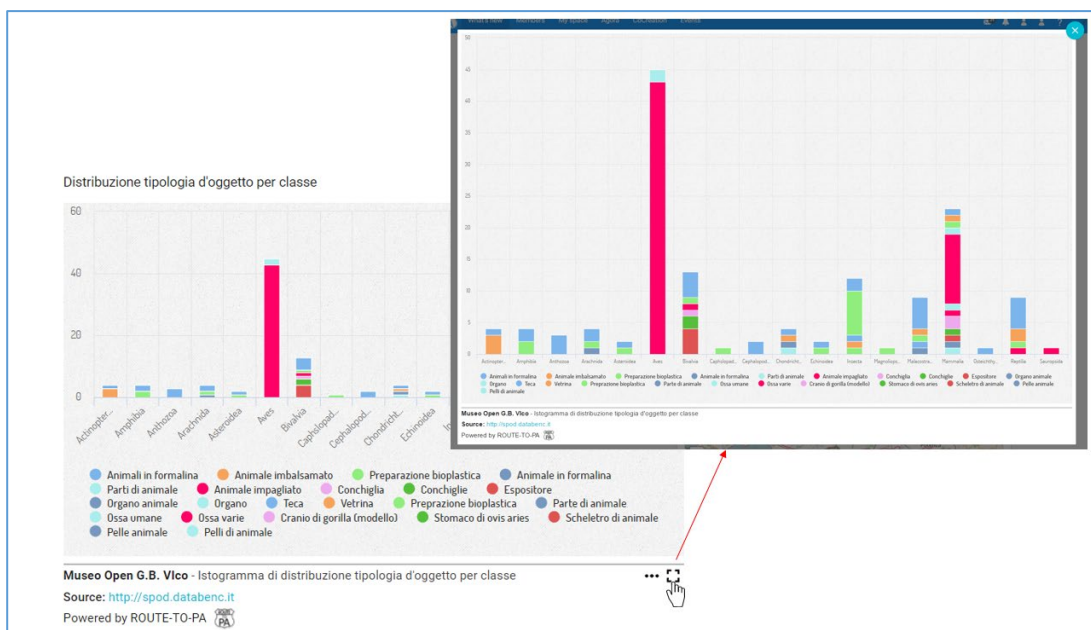
Graphic	Size	Social
Image post (Any image you post to your Timeline)	1200 x 630	
Image post (Any image you post to your Timeline)	1024x512	
Image post (Any image you post to your Timeline)	533x400	

Follow a datalet of SPOD with input of an your custom dimension






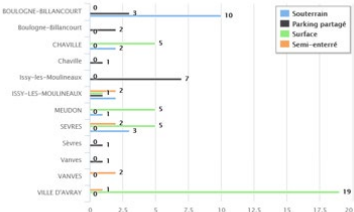

- Export to RTF: export the datalet as rtf file showing details about the datalet such as, screenshot of the datalet, creation date, dataset format, dataset link, the owner of the datalet.
- Import in My space: can import any datalet into a private space (e.g., My space).

- **Enlarge a chart** allows to display in full screen the chart clicking on  button


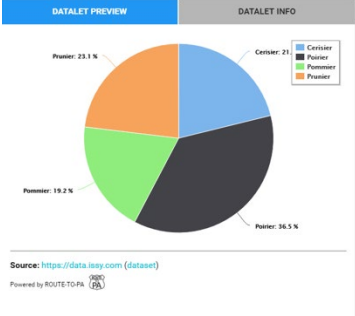

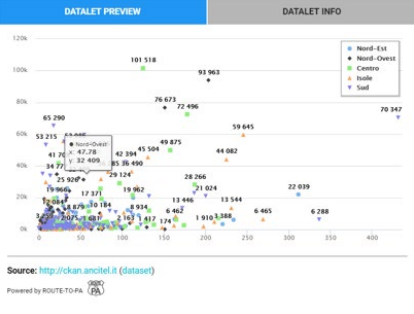

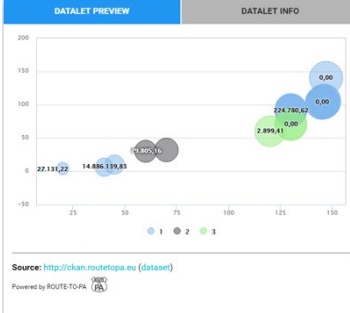

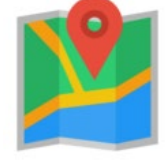
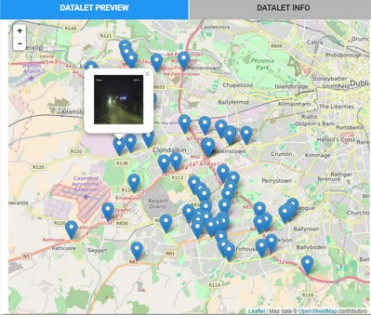






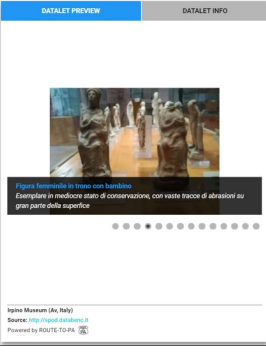


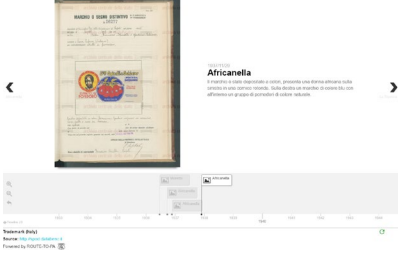



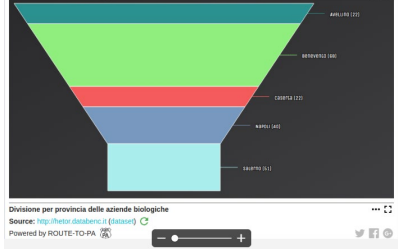
14.3 AVAILABLE CHARTS


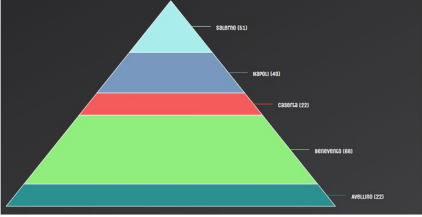

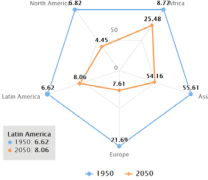

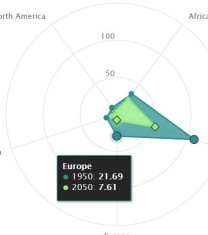
The following table describes all available charts in SPOD platform:

Chart Types	Description	SPOD platform								
	A table is a means of arranging data in rows and columns.	<div><div>DATALET PREVIEW</div><div>DATALET INFO</div></div> <div>Show 10 ▾ entries Search: <input type="text"/></div> <div><table><thead><tr><th>vda</th><th>COUNT(vda)</th></tr></thead><tbody><tr><td>Non</td><td>144</td></tr><tr><td>Oui</td><td>16</td></tr><tr><td>Non renseigné</td><td>1</td></tr></tbody></table></div> <div>Showing 1 to 3 of 3 entries Previous 1 Next</div> <div>Source: https://data.issy.com (dataset)</div> <div>Powered by ROUTE-TO-PA </div>	vda	COUNT(vda)	Non	144	Oui	16	Non renseigné	1
vda	COUNT(vda)									
Non	144									
Oui	16									
Non renseigné	1									
	A bar chart is a chart that presents grouped data with rectangular bars plotted horizontally with lengths proportional to the values that they represent.	<div><div>DATALET PREVIEW</div><div>DATALET INFO</div></div> <div></div> <div>Source: https://data.issy.com (dataset)</div> <div>Powered by ROUTE-TO-PA </div>								

	<p>Column chart (and Stacked column chart) is a chart that presents grouped data with rectangular bars plotted vertically with lengths proportional to the values that they represent.</p>	 <p>Source: https://data.issy.com (dataset)</p>
	<p>A line chart is chart which displays information as a series of data points called 'markers' connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time.</p>	 <p>Source: https://ckan.dataplatform.nl (dataset)</p>
	<p>An area chart is a chart which displays graphically quantitative data. The area between axis and line are emphasized with colors and textures. Commonly one compares with the area chart two or more quantities.</p>	 <p>Source: https://data.issy.com (dataset)</p>
	<p>A heat map is a graphical representation of data where the individual values contained in a matrix are represented as colors.</p>	 <p>Source: http://ckan.ancitel.it (dataset)</p>

	<p>A pie chart is a circular statistical graphic, which is divided into slices to illustrate numerical proportion. In the pie chart, the arc length of each slice, and consequently its central angle and area, is proportional to the quantity it represents.</p>	
	<p>A scatter chart is a type of plot or mathematical diagram using Cartesian coordinates to display values for typically two variables for a set of data. The data is displayed as a collection of points, each having the value of one variable determining the position on the horizontal axis and the value of the other variable determining the position on the vertical axis.</p>	
	<p>A bubble chart is a type of chart that displays three dimensions of data. Each entity with its triplet (v1, v2, v3) of associated data is plotted as a disk that expresses two of the vi values through the disk's xy location and the third through its size.</p>	
	<p>A tree map is a chart for displaying hierarchical data by using nested rectangles.</p>	
	<p>Map</p>	
	<p>Geojson Map</p>	

	<p>Italy Map</p>	
	<p>Media Slider is a slider of media.</p>	
	<p>Audio Slider</p>	
	<p>Timeline is an interactive visualization chart to visualize data in time. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. The time scale on the axis is adjusted automatically, and supports scales ranging from milliseconds to years.</p>	
	<p>Word cloud datalet allows to create a cloud chart from text data. The respective dataset contains a list of words and the corresponding frequency counts in a specific variable.</p>	
	<p>The Funnel chart allows to visualize the progressive reduction of data as it passes from one phase to another.</p>	

	<p>The Pyramid chart is a triangle diagram that allows to represents hierarchies visually. The width indicates a level of hierarchies among the topics.</p>	
	<p>Spider chart displays a visual interpretation with multiple dimensions</p>	
	<p>Polar chart</p>	

In the following sections, SPOD platform visualizes some example of charts with open data datasets.

14.3.1 BAR CHART

3
SELECT VISUALIZATION
Select a visualization, fill out inputs and options.

Search

Table

Bar Chart

Column Chart

BASE INFO

Title
Description

INPUTS

OPTIONS

X-AXIS
commune

Y-AXIS [NUMBER]
COUNT(type_de_parking)

Y-AXIS [NUMBER]
COUNT(type_de_parking)

Y-AXIS [NUMBER]

CATEGORY [OPT]
type_de_parking

DATALET PREVIEW

DATALET INFO

Source: <https://data.issy.com> (dataset)

Powered by ROUTE-TO-PA

14.3.2 COLUMN CHART

3
SELECT VISUALIZATION
Select a visualization, fill out inputs and options.

Search

Table

Bar Chart

Column Chart

Line Chart

BASE INFO

Title
Description

INPUTS

OPTIONS

X-AXIS
Gemeente

Y-AXIS [NUMBER]
ICT en creatieve industrie

Y-AXIS [NUMBER]
Mobiliteit, transport, logistiek e...

Y-AXIS [NUMBER]
Zakelijke dienstverlening en vei...

Y-AXIS [NUMBER]
Voedsel groen en gastvrijheid

Y-AXIS [NUMBER]
Techniek en gebouwde omgevi...

Y-AXIS [NUMBER]
Handel

Y-AXIS [NUMBER]
Zorg, welzijn en sport

CATEGORY [OPT]

DATALET PREVIEW

DATALET INFO

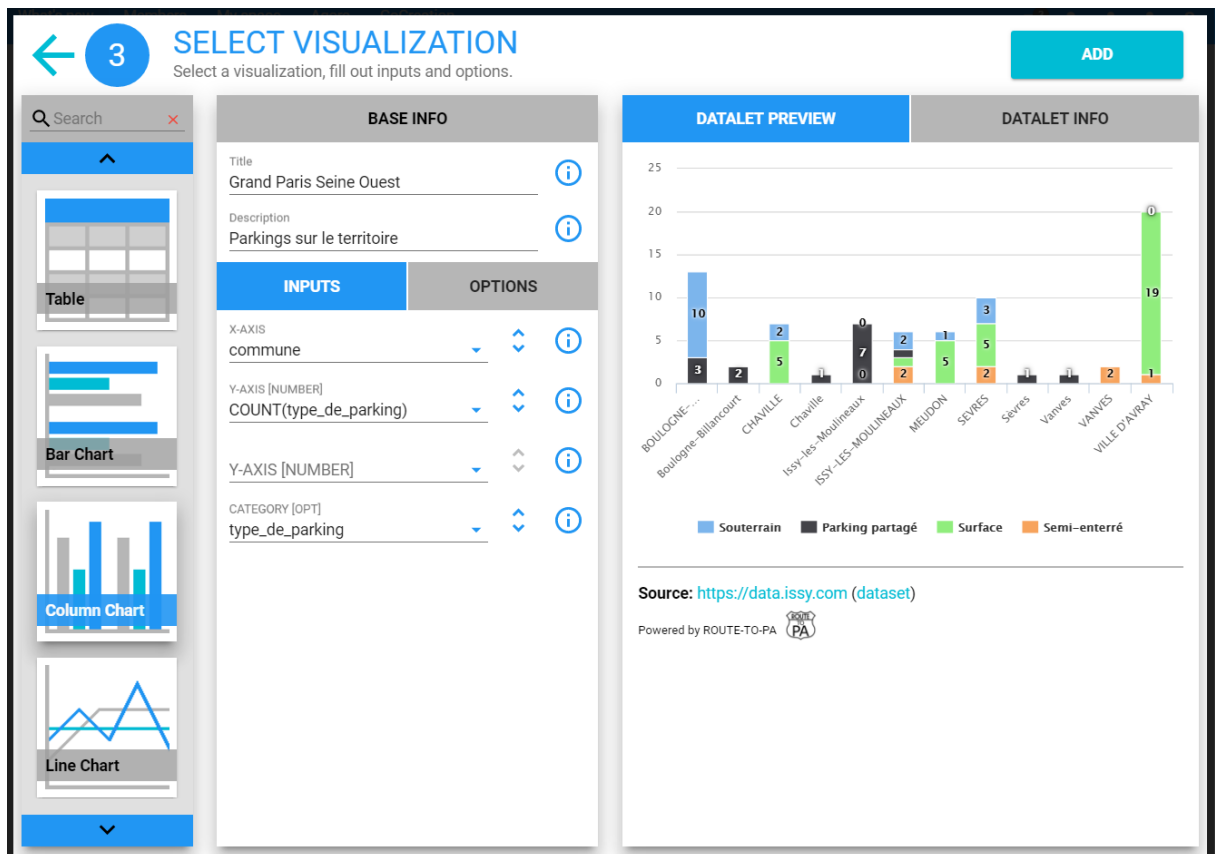
Aantal leerbedrijven per gemeente

Aantal leerbedrijven per gemeente en sectorkamer in regio Haaglanden oktober 2015

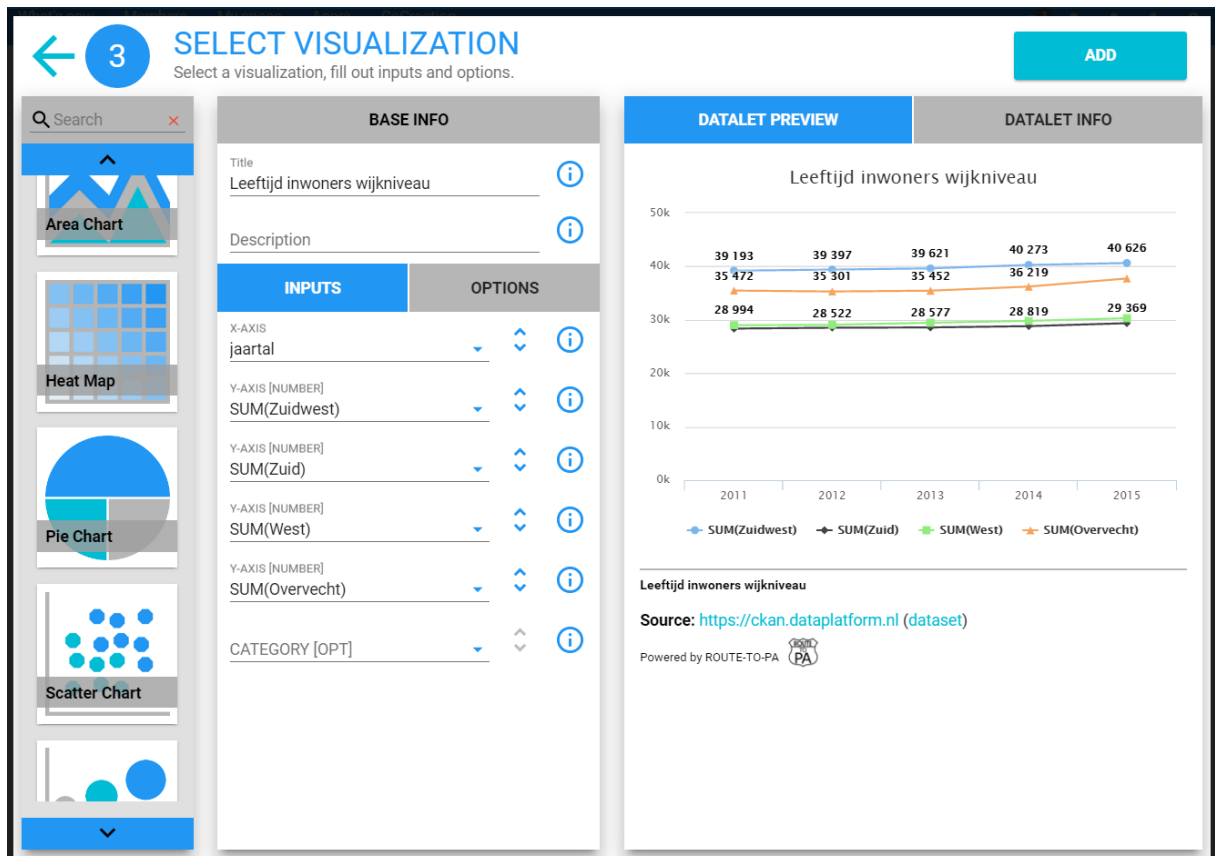
Source: <http://vmdata.gov01.der.ie:8080> (dataset)

Powered by ROUTE-TO-PA

14.3.3 STACKED COLUMN CHART



14.3.4 LINECHART



14.3.5 PIE CHART

Step 1) Choose an available dataset, as remote address, for example in Issy Open Data portal

Try your dataset with the following address

<https://data.issy.com/api/records/1.0/search/?dataset=les-arbres-fruitiers-du-fort&sort=arbre&facet=arbre&facet=variete>

2

SELECT DATA

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS

arbre

code_plan

nombre

variete

SELECTED DATA

arbre	COUNT(arbre)
Cerisier	11
Poirier	19
Pommier	10
Prunier	12

Showing 1 to 4 of 4 rows

FILTERS

GROUP BY

GROUP BY

CALCULATE

Field

GROUP BY arbre

Calculate COUNT of arbre

DISABLE GROUP BY

3

SELECT VISUALIZATION

Select a visualization, fill out inputs and options.

Q Search

Line Chart

Area Chart

Heat Map

Pie Chart

Scatter Chart

BASE INFO

Title

Description

INPUTS

LABEL

arbre

SIZE (NUMBER)

COUNT(arbre)

OPTIONS

DATALET PREVIEW

DATALET INFO

Pie Chart

Prunier: 23.1 %

Pommier: 19.2 %

Poirier: 36.5 %

Cerisier: 21 %

Source: <https://data.issy.com> (dataset)

Powered by ROUTE-TO-PA

14.3.6 AREACHART CHART

Dataset is available from “Île-de-France” Open Data portal:

API: `"/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville"`

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: All

Prato : Biblioteche

Prato: Giardini e Prati

Wi-Fi Prato test

GeoJson-test-01

pure geojson

DATASET INFO

Showing 1 to 20 of 3537 datasets

Selected url
`http://data.iledefrance.fr/api/records/1.0/search?dataset=logement-jeune-2014-2015&facet=departement&facet=ville`

STEP 2) “SELECT DATA”

2

SELECT DATA

Select the fields on the left. The table will show the values related to the selected fields.

FIELDS

date_cp

departement

gestionnaire

ndeg_cp

nombre_de_logement

places

subvention

type

ville

SELECTED DATA

date_cp	SUM(date_cp)
2015	32240
2014	20140

Showing 1 to 2 of 2 rows

FILTERS

GROUP BY

QUERY

GROUP BY

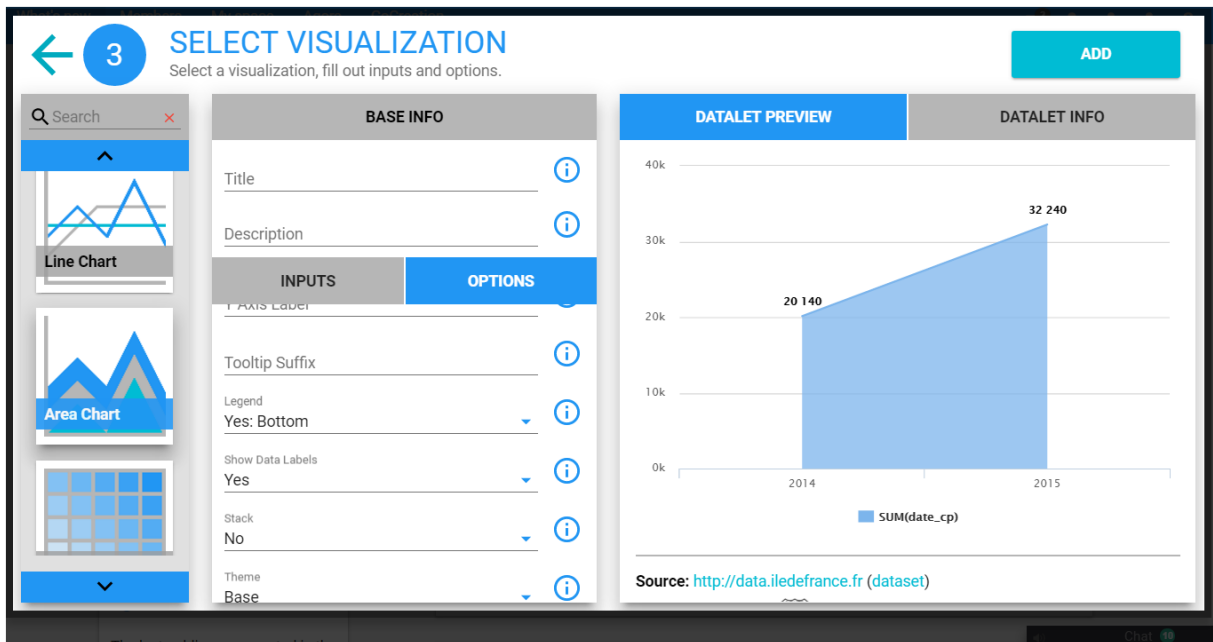
CALCULATE

GROUP BY date_cp

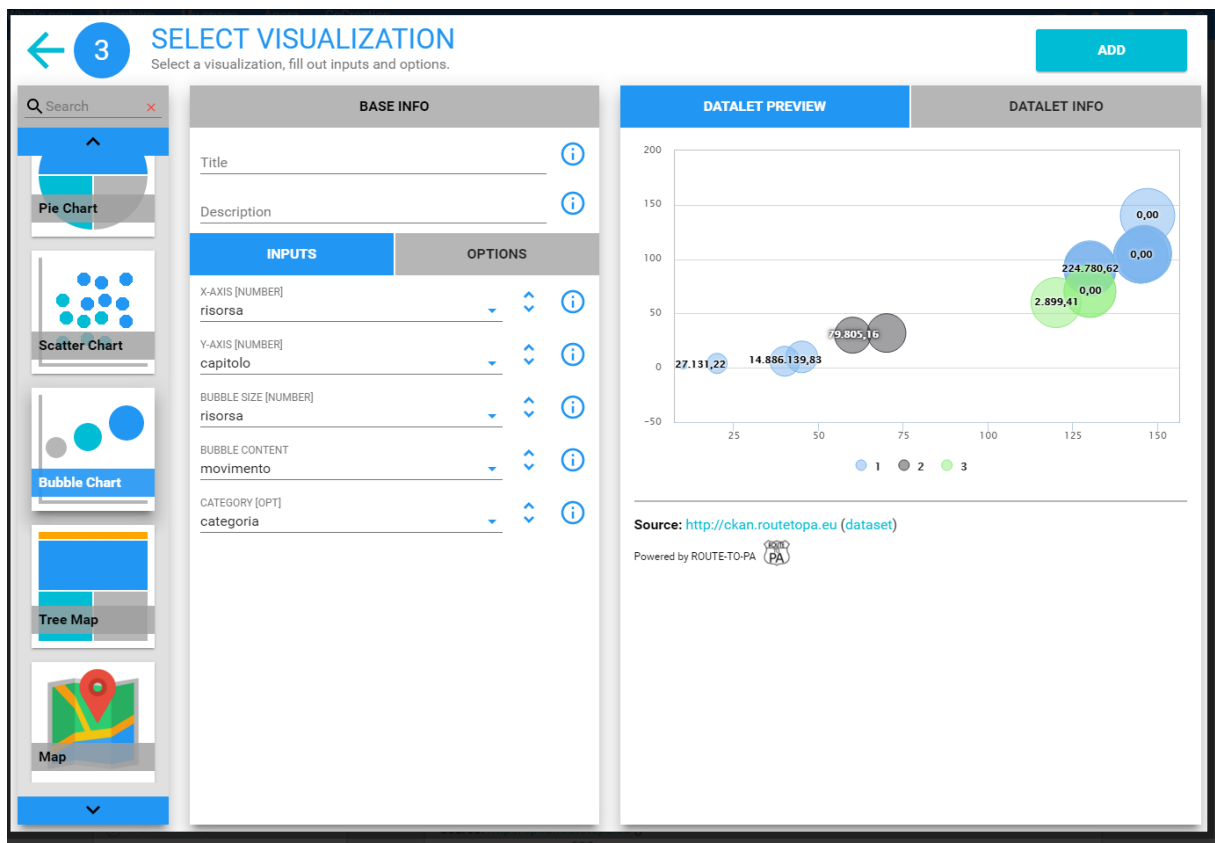
Calculate SUM of date_cp

DISABLE GROUP BY

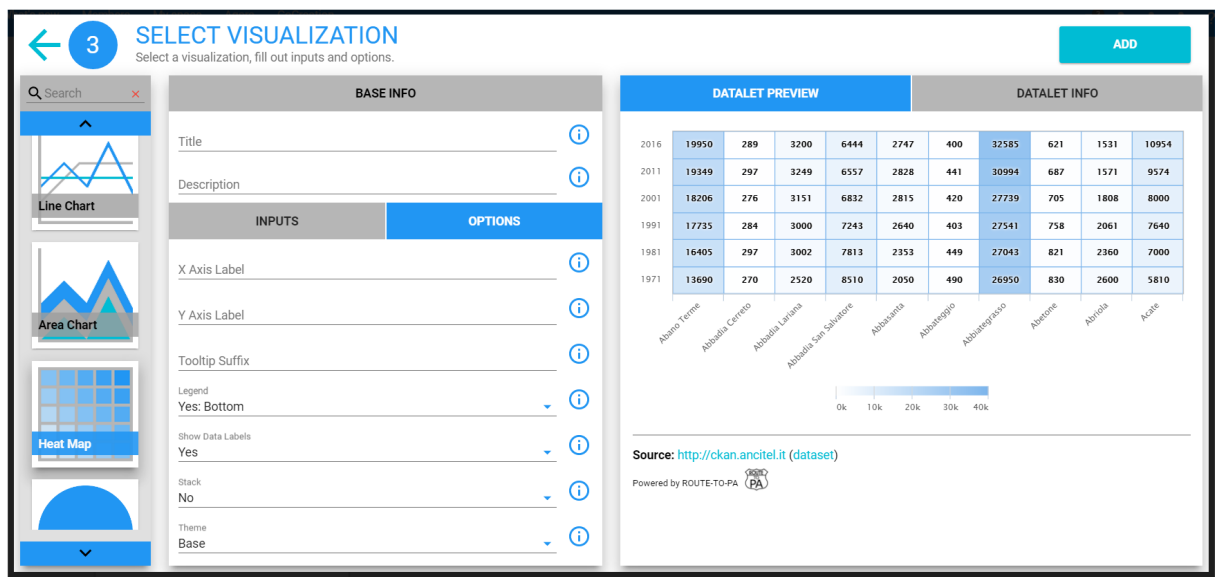
STEP 3) “SELECT VISUALIZATION”



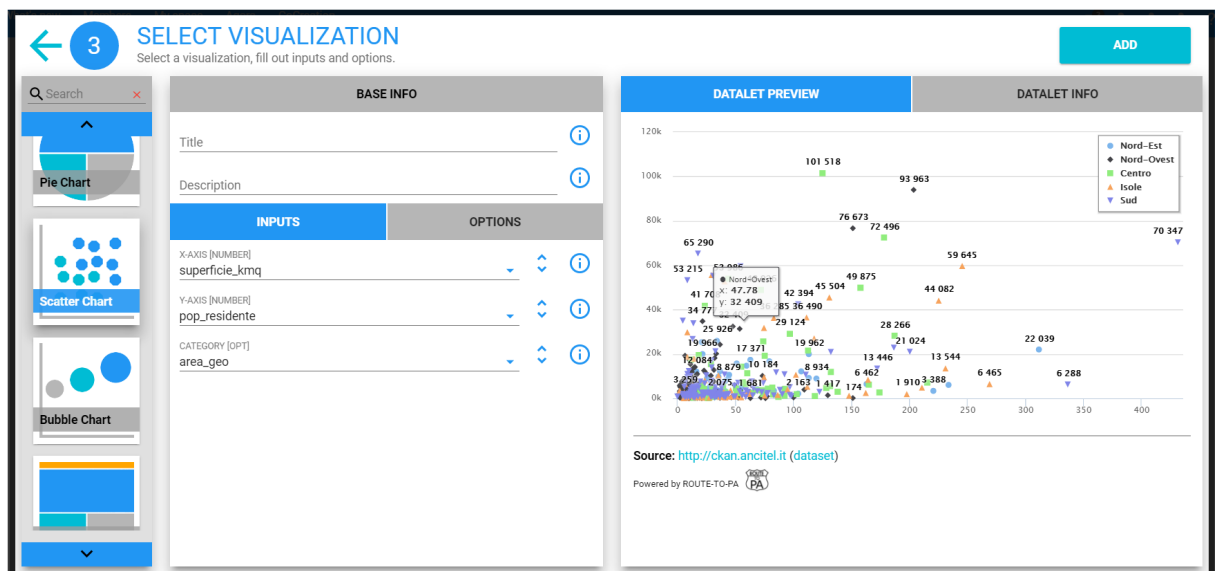
14.3.7 BUBBLE CHART



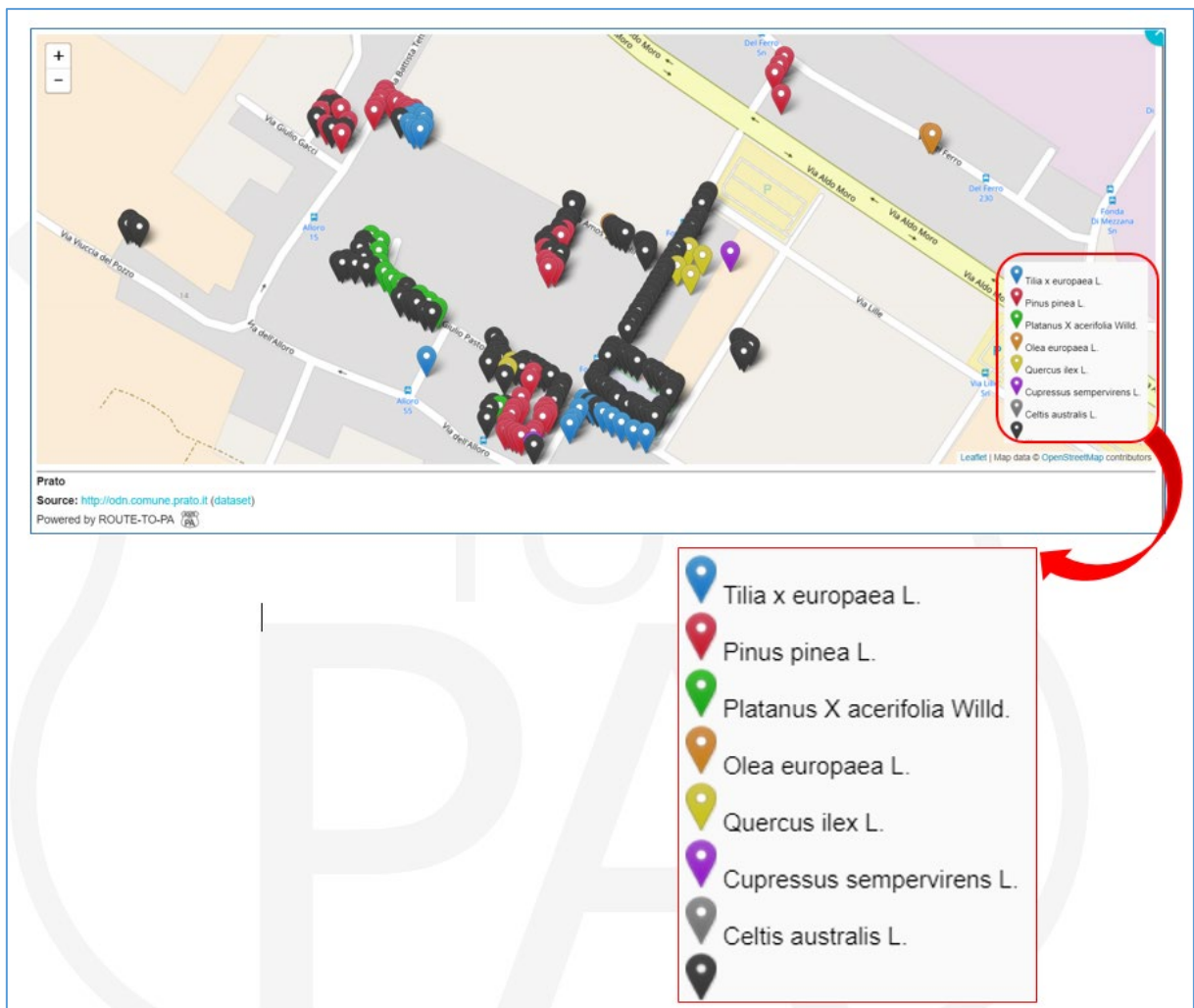
14.3.8 HEATMAP



14.3.9 SCATTER CHART



14.3.10 MAP



14.3.11 ITALY MAP

3

SELECT VISUALIZATION

Select a visualization, fill out inputs and options.

ADD

Search

Audio Slider

Map

Geojson Map

Italy Map

BASE INFO

Title

Required

Description

INPUTS

AREA

Provincia

VALUE [NUMBER]

COUNT(Provincia)

TOOLTIP CONTENT

OPTIONS

DATALET PREVIEW

DATALET INFO

Italy Map

INPUTS

- AREA
- VALUE
- TOOLTIP CONTENT

OPTIONS

- Map
- Tooltip Suffix
- Legend
- Show Data Labels
- Theme

3

SELECT VISUALIZATION

Select a visualization, fill out inputs and options.

ADD

Search

Audio Slider

Map

Geojson Map

Italy Map

BASE INFO

Title

Required

Description

INPUTS

Map

Italy - Province

Tooltip Suffix

Legend

Yes: Bottom

Show Data Labels

Yes

Theme

Dark Blue

OPTIONS

DATALET PREVIEW

DATALET INFO

Source: <http://hetor.databenc.it> (dataset)

Powered by ROUTE-TO-PA

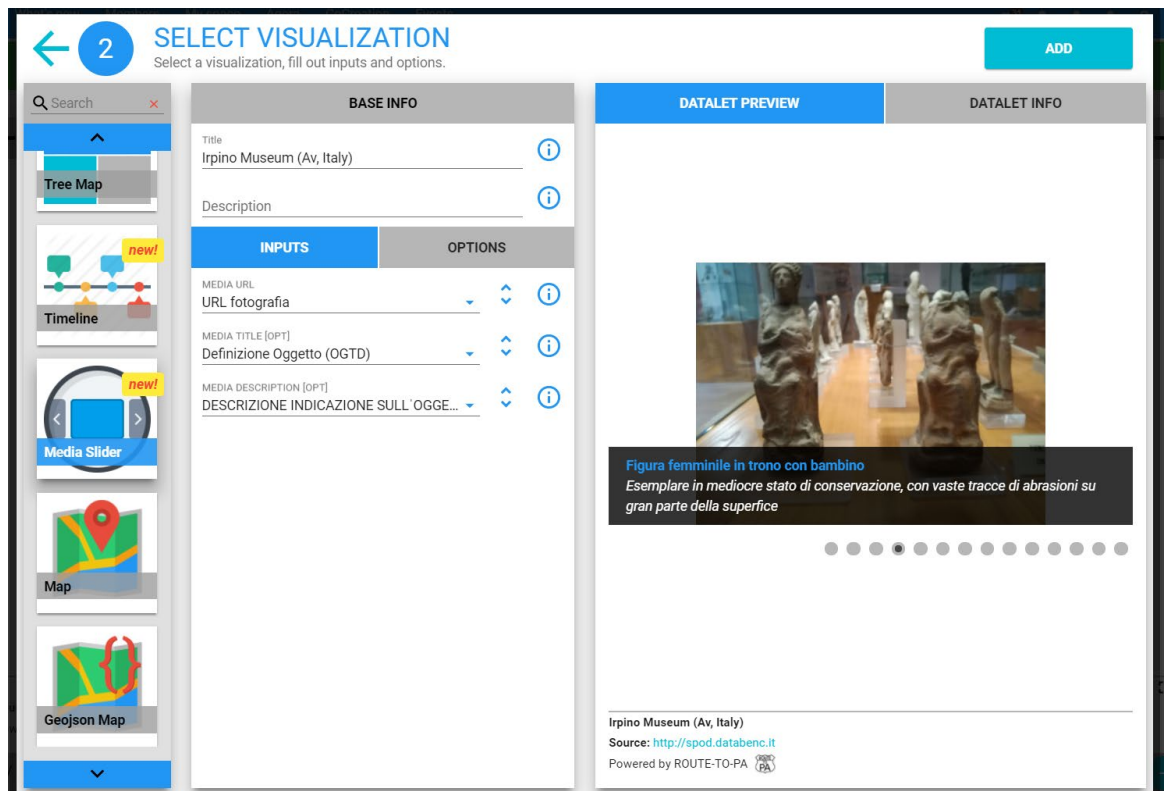
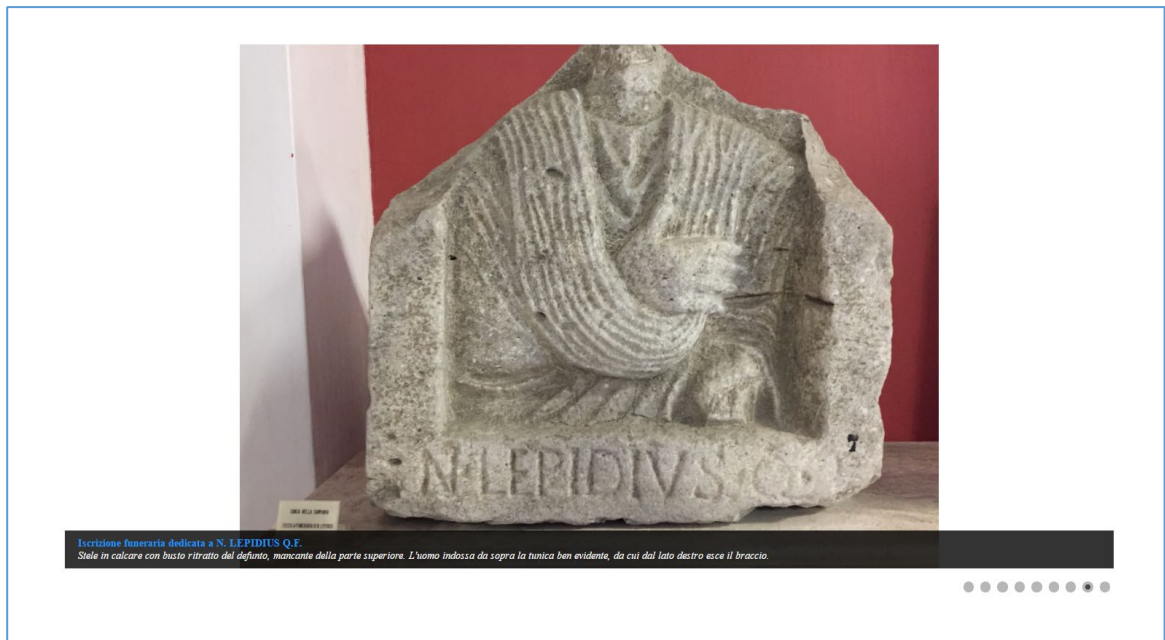
14.3.12 MEDIA SLIDER

The media slider is a slider of media with the following inputs values:

MEDIA URL: The url of the media.

MEDIA TITLE: The title of the media.

MEDIA DESCRIPTION: The description of the media



14.3.13 TIMELINE

The timeline is an interactive visualization chart to visualize data in time. The data items can take place on a single date, or have a start and end date (a range). You can freely move and zoom in the timeline. The time scale on the axis is adjusted automatically, and supports scales ranging from milliseconds to years.

The Input values are the following:

START DATE: The start date of the event. A string representing an RFC2822 or ISO 8601 date (e.g. 2015-03-25, 03/25/2015, Mar 25 2015, 25 Mar 2015, Wednesday March 25 2015) or a single number representing the year (e.g. 2017, 7, -150) or a roman number representing centuries using 'bc', 'b.c.', 'bce' or 'b.c.e.' to discern Before

Christ/Before Common Era centuries (e.g. IV, X bce, III b.c). Other formats may be used, but results may be unexpected.

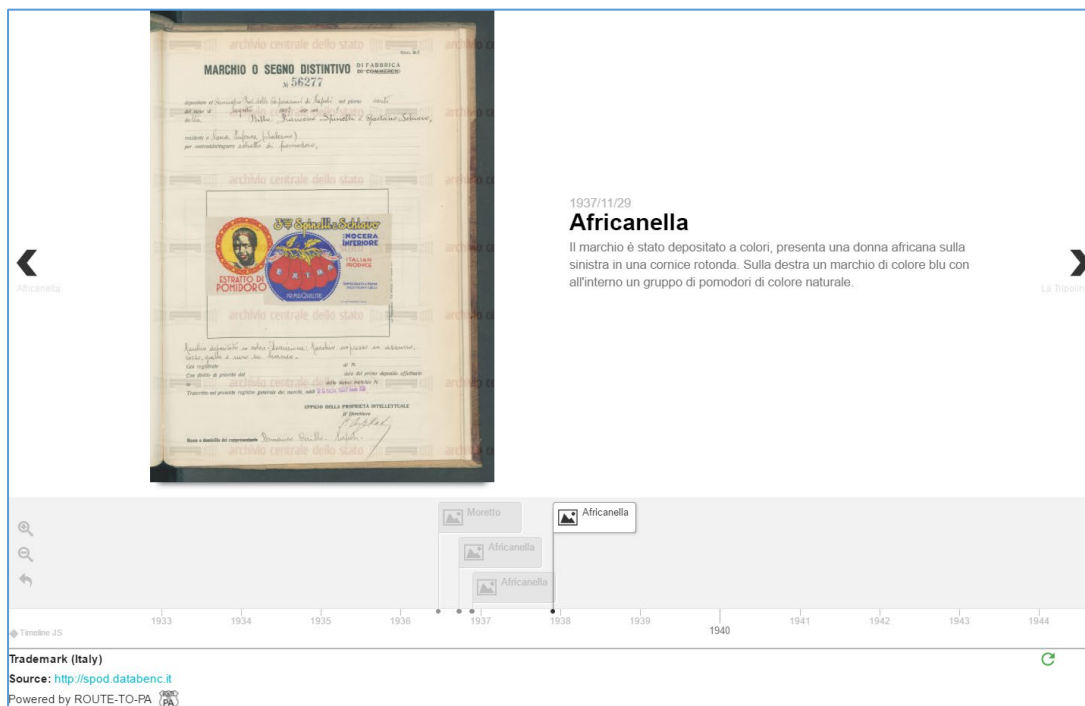
END DATE: The end date of the event (see start date).

EVENT TITLE: The title of the event.

EVENT DESCRIPTION: The description of the event.

MEDIA URL: The url of the media.

BACKGROUND: The fully-qualified URL pointing to an image which will be used as the background or a CSS color, in hexadecimal (e.g. #0f9bd1) or a valid CSS color keyword



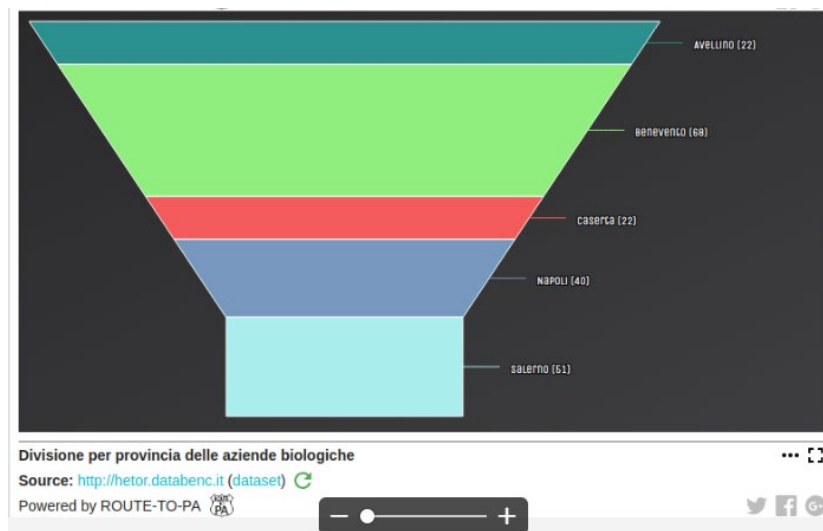
14.3.14 WORD CLOUD DATASET

This datalet visualizes a set of words, where the size and placement of a word depends by how it is weighted.



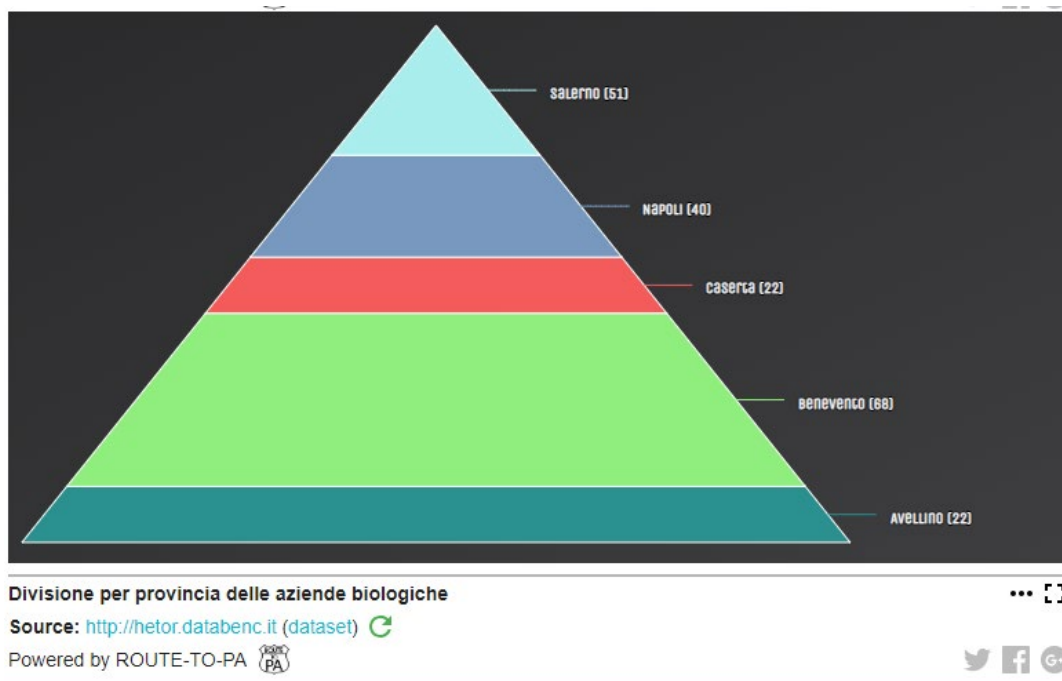
14.3.15 FUNNEL DATALET

The Funnel chart allows to visualize the progressive reduction of data as it passes from one phase to another.



14.3.16 PYRAMID DATALET

The Pyramid chart is a triangle diagram that allows to represents hierarchies visually. The width indicates a level of hierarchies among the topics; each section is a different width from others.

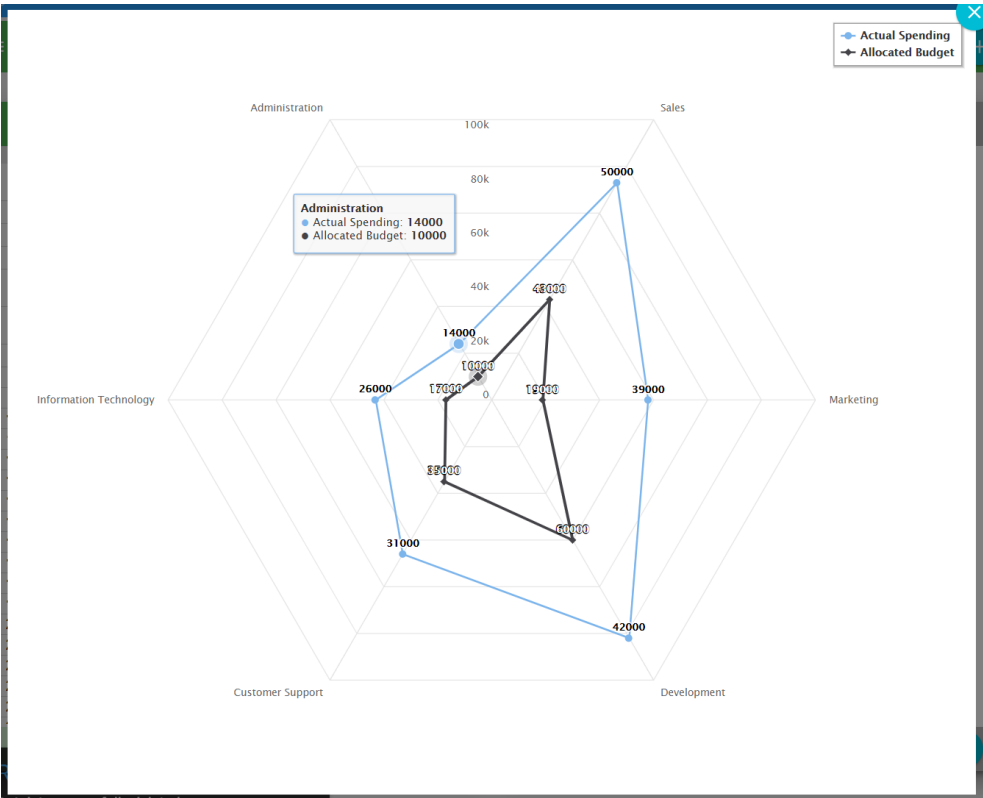


14.3.17 RADAR CHARTS

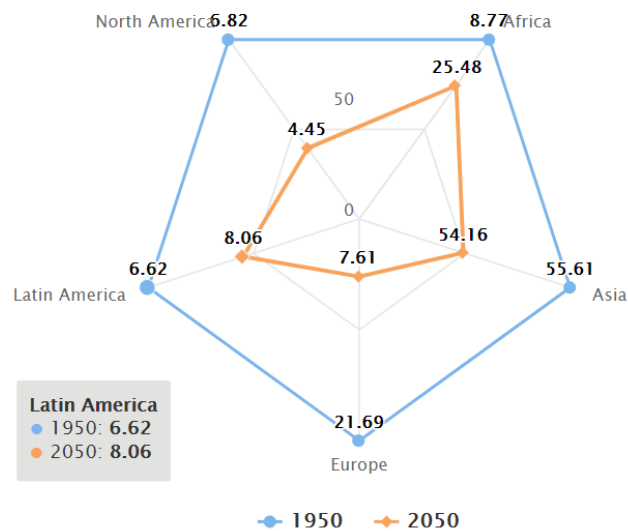
A radar chart is a graphical method of displaying multivariate data in the form of a two-dimensional chart of three or more quantitative variables represented on axes starting from the same point.

The radar chart is also known as spider chart or polar chart.

14.3.17.1 SPIDER CHART



14.3.17.2 POLAR CHART

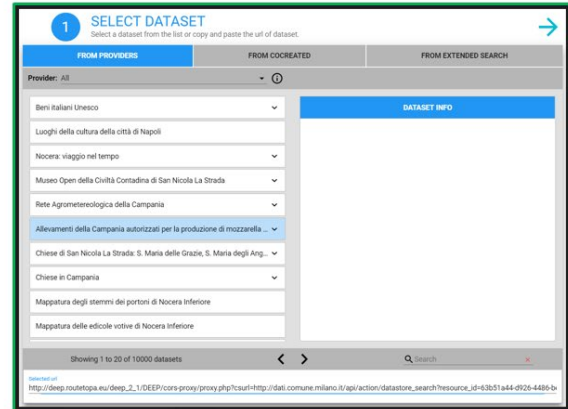
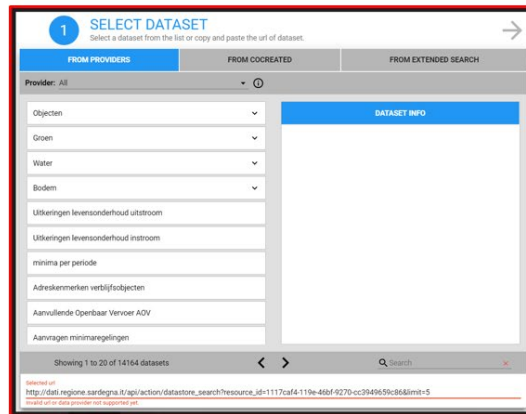


15 THE CONTROLLET FACES UP THE FOLLOWING CORS VIOLATION ERROR

Several CKAN services were not accessible as the HTTP server was not correctly configured for machine-to-machine access and it denied access to our SPOD services. Now a new service (i.e. CORS service) introduces an additional layer between the Controllet and any OPEN DATA portal to allow to visualize any dataset when CORS (Cross-Origin Resource Sharing) issues occur.

An example with the following address:

- http://dati.comune.milano.it/api/action/datastore_search?resource_id=c2222c94-639f-4980-9393-e815638cc00d&limit=5



3 Access to XMLHttpRequest at 'http://dati.comune.milano.it/api/action/dataset_sevc.html:1 ore_search?resource_id=63b51a44-d926-4486-be85-90884c3d0089&limit=5' from origin 'http://spod.databenc.it' has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource.

16 INTEGRATION WITH ANY CKAN PROVIDER

From every datalet shown from TET (and any CKAN), it is possible to connect back to “data source” and to the information’s page of the datasets .

How visualise, known a dataset address, the appropriate page of the dataset.

Consider the following example:

Try a datalet with the API dataset =
http://140.203.155.91:8080/api/action/datastore_search?resource_id=97d015ba-8764-4a59-8a21-9647504058de&limit=99999

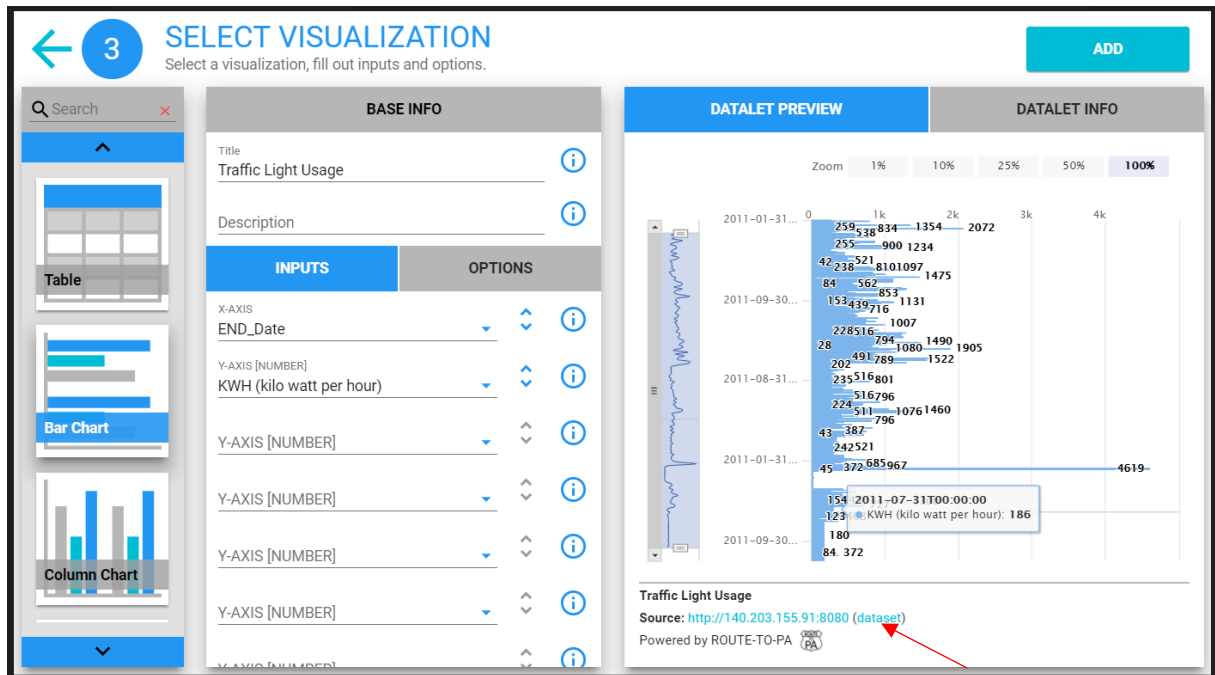


Figure 33: Click on “dataset” link to display the page of dataset in TET provider.

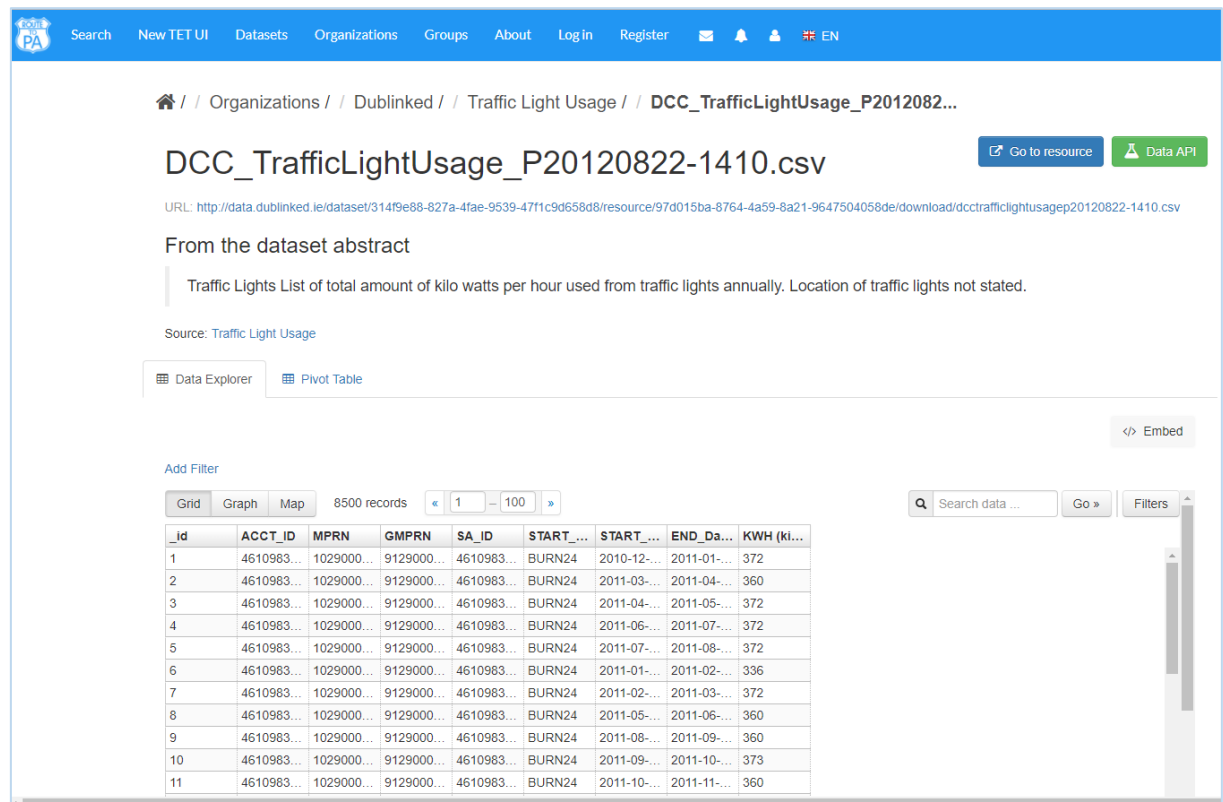


Figure 34: The page of TET provider clicking on the “dataset” link in the STEP3).

This feature works fine with any CKAN data providers.

17 INTEGRATION WITH ULTRACL@RITY PROVIDER

UltraCl@rity, search engine for Greek government open data initiative, provides a JSON compatible with CKAN, using SPOD datalets (e.g., dataset visualization) and importing variable from JSON.

It is possible to show data coming from a query to the Ortelio Ultraclarity engine.

UltraClarity is indexing the full text of 425 documents (PDF, DOC, etc) published in the following repository (**Prato Town Council (Italy)**):

- <http://prato-tet.routetopa.eu>

UltraClarity is indexing the full text of 3,280 documents (PDF, DOC, etc) published in the following repositories (**Netherland**):

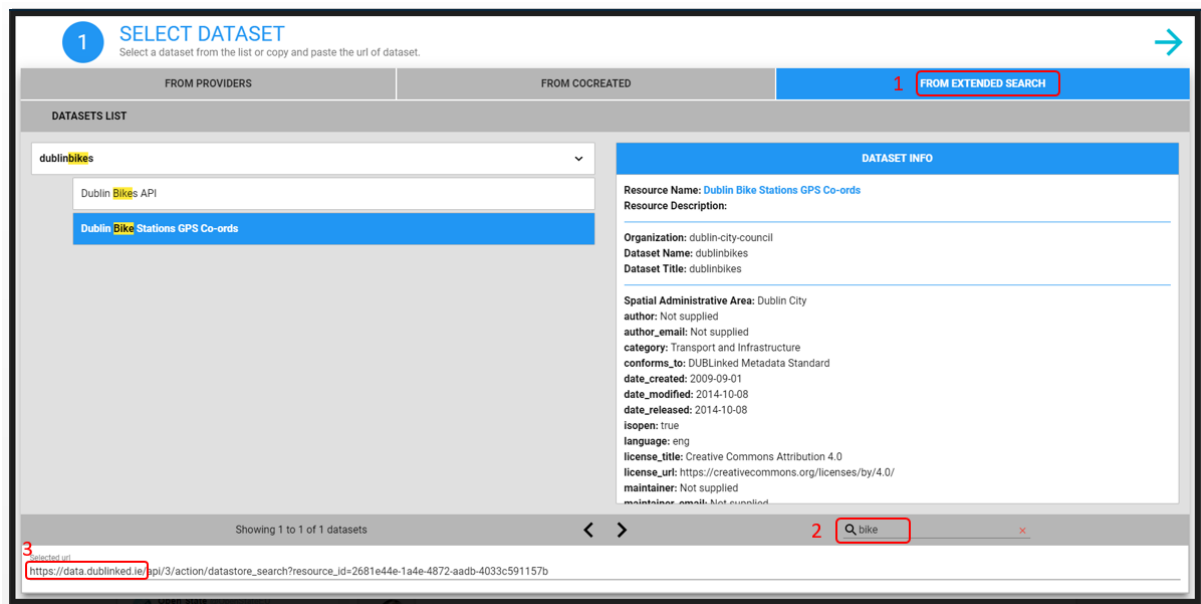
- <https://www.dataplatform.nl/data>
- <https://data.openstate.eu>

UltraClarity is indexing the full text of 1,463 documents (PDF, DOC, etc) published in the following repositories (**Dublin**):

- <https://data.dublinked.ie/dataset>
- <http://vmdatagov01.deri.ie:8080/>

In the Controllet, “FROM extended search” tab (see 1 in the screenshot) allows to search a dataset (see 3 in the screenshot) filling in the “search” field (see 2 in the screenshot) :

- **Dublin repository (e.g, Search = “bike”)**



- **Prato repository (e.g, Search = “Alberi”)**

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH1

DATASETS LIST

Alberi Prato

▼

Prato_alberi.kmz

Prato_alberi.csv

Prato_alberi.zip

DATASET INFO

Resource Name: Prato_alberi.csv

Resource Description:

Organization: comune-di-prato-italy

Dataset Name: alberi-prato

Dataset Title: Alberi Prato

isopen: true

license_title: Creative Commons Attribution Share-Alike

license_url: http://www.opendefinition.org/licenses/cc-by-sa

metadata_created: 2017-06-06T14:56:08.782369

metadata_modified: 2017-06-06T14:56:08.817522

private: false

Showing 1 to 1 of 1 datasets

< >

Alberi2

selected url3

http://prato-tet.routetopa.eu:8080/api/3/action/datastore_search?resource_id=5711cee3-9a18-4379-b5ac-856e8cac0359

- Dataplatform repository (e.g., Search = “Openbare Verlichting Dordrecht”)

1
SELECT DATASET
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS
FROM COCREATED
FROM EXTENDED SEARCH

DATASETS LIST

Openbare Verlichting Dordrecht

bestand 1 - masten Dordrecht (CSV)
bestand 2 - armaturen Dordrecht (CSV)
bestand 1 - masten Dordrecht (JSON)
bestand 1 en 2 - masten en armaturen Dordrecht (Shape)

DATASET INFO

Resource Name: bestand 1 - masten Dordrecht (CSV)
Resource Description:
Organization: gemeente-dordrecht
Dataset Name: openbare-verlichting-dordrecht
Dataset Title: Openbare Verlichting Dordrecht
frequency: eens per week
isopen: true
language: Nederlands
license_title: Creative Commons CCZero
license_url: http://www.opendefinition.org/licenses/cc-zero
metadata_created: 2017-06-08T12:42:58.879200
metadata_modified: 2017-06-21T09:37:32.682669
private: false
publisher_email: https://zaken.dordrecht.nl/pls/form/formEgemFormToon?F_FORMNR=102942&F_PARAMS=4871:Dordrecht:Openbare_Verlichting
publisher_url: http://standaarden.overheid.nl/owms/terms/Dordrecht_(gemeente)
temporal: actuele situatie
theme: ruimte-en-infrastructuur

Showing 1 to 2 of 2 datasets

Openbare Verlichting Dordrecht

3
https://ckan.dataplatform.nl/api/3/action/datastore_search?resource_id=57b4bc06-2f72-4442-b18e-1af2c417025a

18 LINK-BACK BETWEEN SPOD AND ISSY (OR ANY OPENDATASOFT PROVIDER)

Every datalet shown from Open data portal of Issy (<https://data.issy.com/>) (and any OpenDataSoft portal, e.g., Open data portal of Île-de-France), it is possible to connect back to “data source” (see Figure 37) and to the information page of the datasets (see Figure 37).

Try the following dataset:

Address = <https://data.issy.com/api/records/1.0/search/?dataset=lieux-de-cultes-a-issy-les-moulineaux&facet=religion>

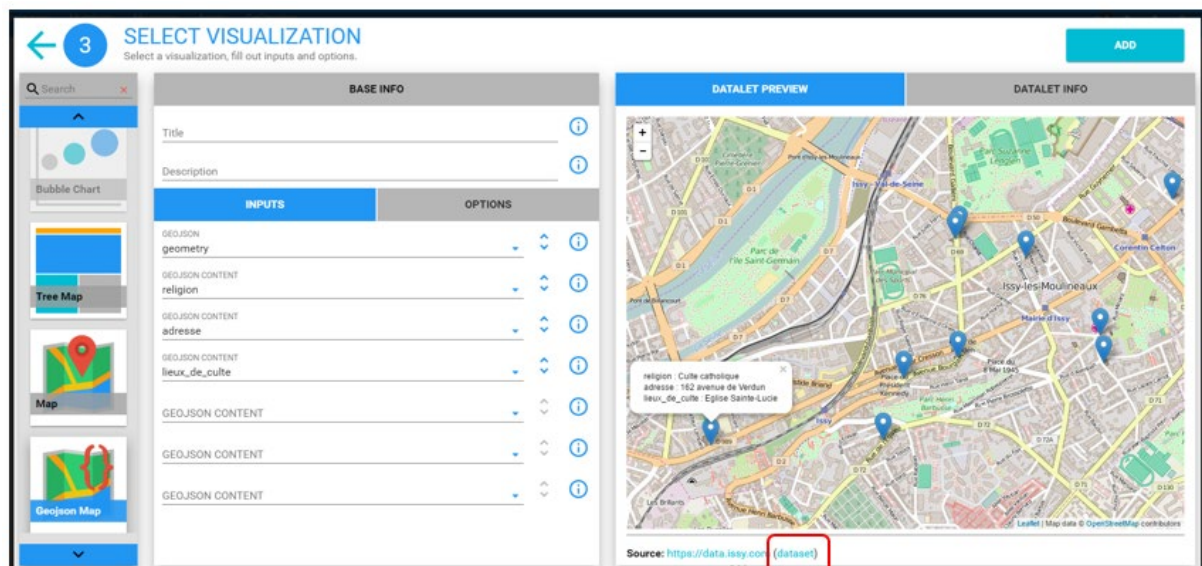


Figure 35: A visualization of a dataset in Issy portal

In the STEP 3), click on “**dataset**” link to display the page of the dataset of the Open Data provider of Issy-les-Moulineau (see Figure 36).

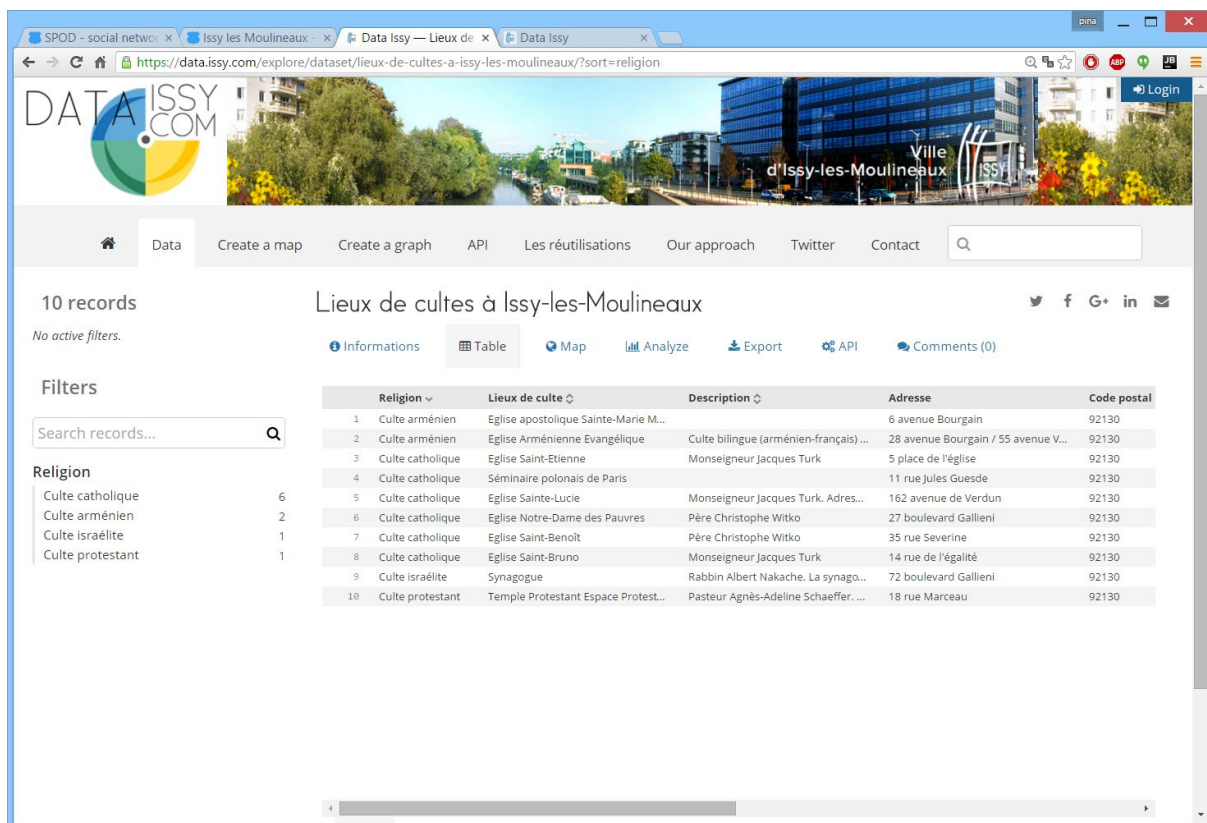


Figure 36: The chosen dataset of the Issy-les-Molieux

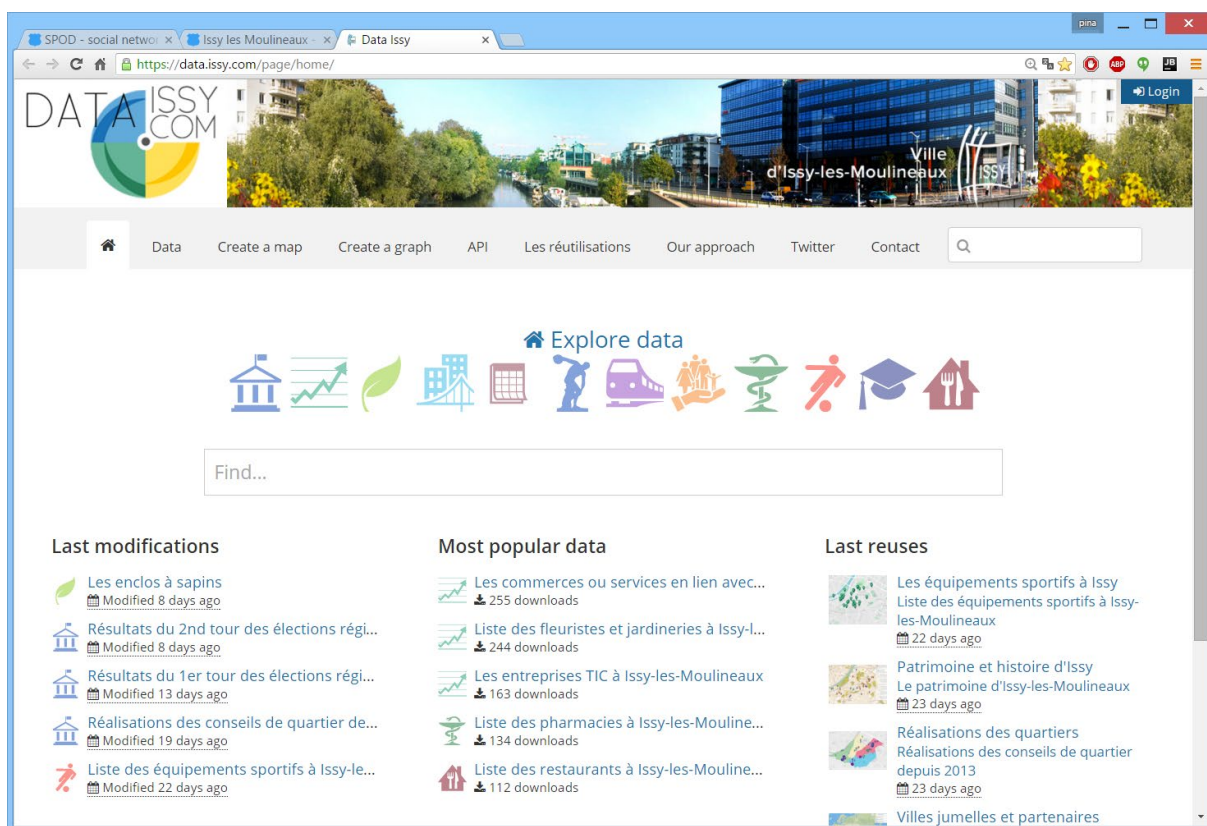


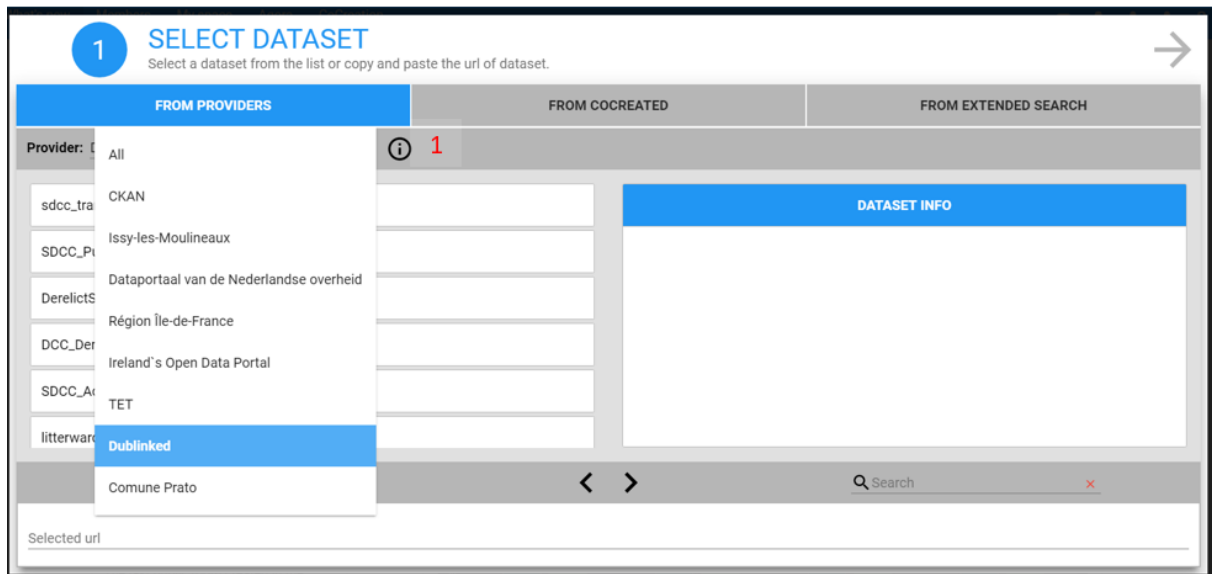
Figure 37: Open Data platform of Issy-les-Molieux


19 DATALET VISUALIZATION

A User Interface for visualization of a datalet enriched with “search” functionality.

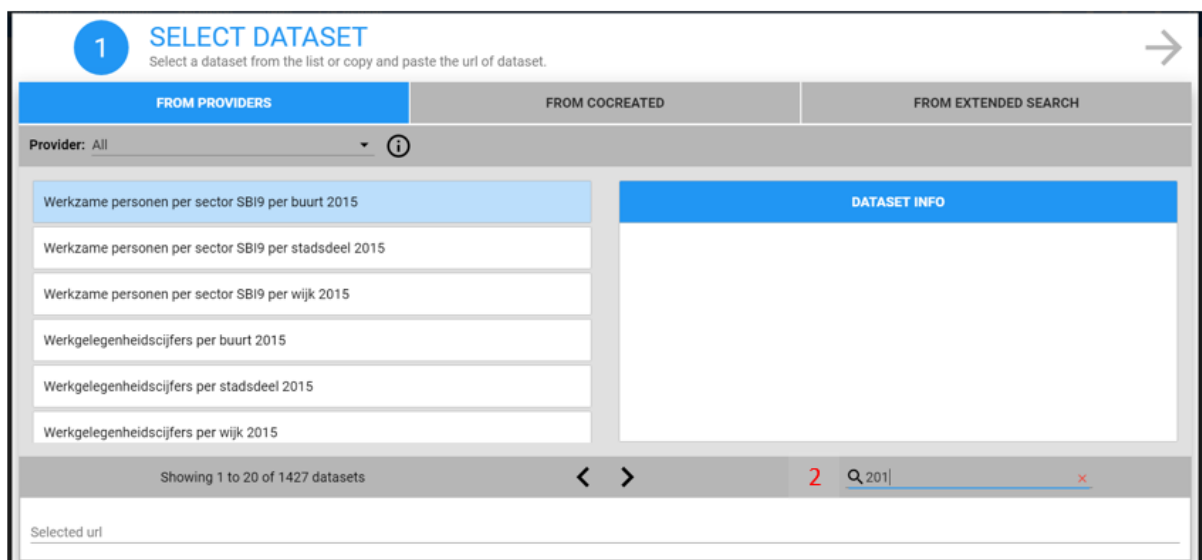
19.1 SEARCH BOX

Search for open data provider (see below screenshot)



Click on  button to start the search for dataset (see number 2 in the screenshot):

- Search facilities while typing
- Search all datasets
- Search by typing only initial character of a word
- Search all dataset containing any word or letters



19.2 VISUALIZATION

The first step, on the left side, will show only csv format file.

1 SELECT DATASET
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS | FROM COCREATED | FROM EXTENDED SEARCH

Provider: TET-Prato

Atti Comunali anno 1997

Popolazione straniera per sezione di censimento e sesso al 31/12/2014

Giardini e Parchi

giardini_parchi.zip

giardini_parchi.kml

giardini_parchi.csv

Popolazione per eta' e sesso al 31/12/2015

Popolazione straniera per eta' e sesso al 31/12/2015

Atti Comunali anno 2015

Atti Comunali anno 2010

DATASET INFO

Organization: comune-di-prato-italy
Dataset Name: giardini-e-parchi
Resource Name: [giardini_parchi.csv](#)
Resource Description: Giardini e Parchi, pubblici e privati, presenti nel Comune di Prato

isopen: true
license_title: Creative Commons Attribution
license_url: <http://www.opendefinition.org/licenses/cc-by>
metadata_created: 2016-12-06T17:27:18.904037
metadata_modified: 2016-12-06T17:27:18.934011
notes: Giardini e Parchi, pubblici e privati, presenti nel Comune di Prato
num_resources: 3
num_tags: 0
private: false
state: active
title: Giardini e Parchi
type: dataset

Showing 21 to 40 of 117 datasets

Selected url
http://prato-tet.routetopa.eu:8080/api/3/action/datastore_search?resource_id=92deda4d-16ed-4a22-b4a1-f6d67beb0acc

19.3 A REMOTE DATASET

Remote address via API available from any CKAN or OpenDataSoft portals (e.g., TET- enabled CKAN platform, Issy-les-Moulineaux, Île-de-France etc.) allows dataset visualization.

In the STEP1), add in the “Select url” box, a remote dataset via API, a (see Figure below):

1 SELECT DATASET
Select a dataset from the list or copy and paste the url of dataset.

FROM PROVIDERS | FROM COCREATED | FROM EXTENDED SEARCH

Provider: All

Prato : Biblioteche

Prato: Giardini e Prati

Wi-Fi Prato test

GeoJson-test-01

pure geojson

geo test 2

DATASET INFO

Showing 1 to 20 of 3537 datasets

Selected url
http://vmdatagov01.der.i.e:8080/api/3/action/datastore_search?resource_id=e721e85e-0619-4b37-a56c-3bf972ed78ed

Figure 38: A remote dataset via API from TET provider

19.4 DATA

Try your dataset with the following dataset:


<https://data.issy.com/api/records/1.0/search/?dataset=structures-petite-enfance-a-issy-les-moulineaux&sort=type&facet=type&facet=questionnaire>

19.5 SUGGESTION TYPE ERROR

A first check on the data in the dataset with a yellow triangle with explanations to highlight problem of the dataset:

The screenshot shows the 'SELECT DATA' interface. On the left, a list of fields includes 'num_mod', 'num_psr', 'principal', 'rer', 'res_com', 'res_stif', 'reseau', and 'terfer'. The 'terfer' field is selected. The main table, titled 'SELECTED DATA', displays data for various transport modes: Metro, RER, Train, and Navette. A warning message is displayed: 'WARNING: The column <terfer> is of type <NUMBER>. 37 values are not <NUMBER>.' A red arrow points to the 'terfer' column header, and another red arrow points to the 'RER_B' column header. The table shows 961 rows of data. The interface includes a search bar and a 'DISABLE GROUP BY' button.

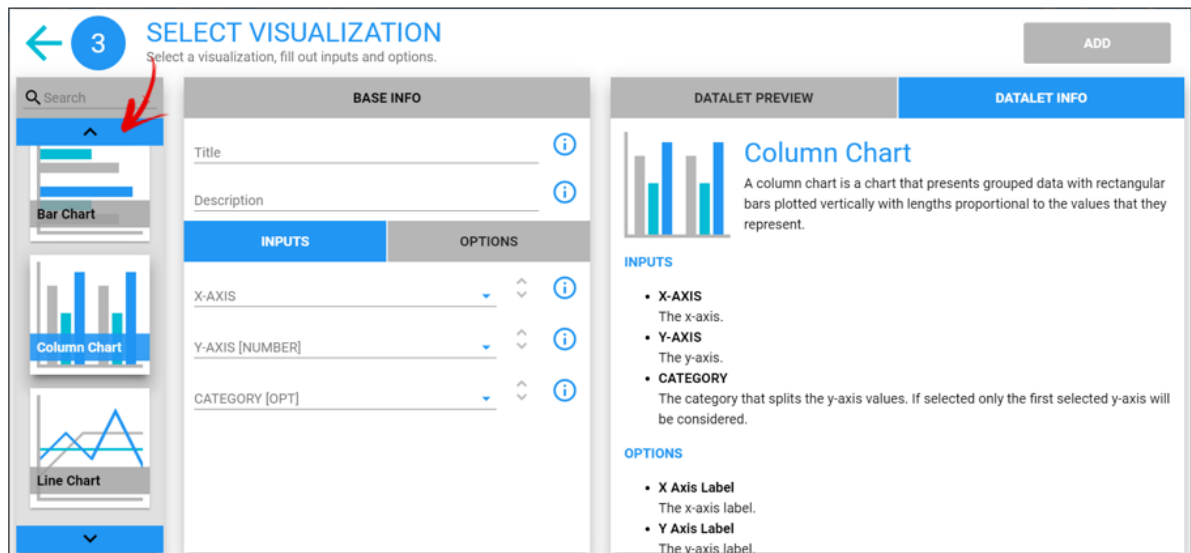
19.6 EXPERT MODE

- Expert section with Filters, Group By clicking on the  button at the bottom right corner

The screenshot shows the 'SELECT DATA' interface in Expert Mode. The left sidebar lists fields: 'reseau', 'terfer', 'termetro', 'ternavette', 'terror', 'tertrain', 'tertram', 'terval', and 'train'. The main table, titled 'SELECTED DATA', displays data for various transport modes: RER, Tramway, Train, and Navette. Below the table, there are sections for 'FILTERS', 'GROUP BY', and 'QUERY'. The 'GROUP BY' section shows 'GROUP BY' and 'CALCULATE' options. The 'QUERY' section shows a search bar and a 'DISABLE GROUP BY' button. A red arrow points to the 'DISABLE GROUP BY' button.

19.7 CHOICE OF A CHART

A list of available charts is displayed on the left side and details for each chart on the right side



19.8 INPUTS

The fields in the INPUTS section drives a user in the design of a chart, shown as preview on the left side



Figure 39: Select and customize a chart with additional information (e.g., Base Info, Labels etc.)

19.9 OPTIONS

Customize a chart with additional information (e.g., Legend, theme, Labels etc.)

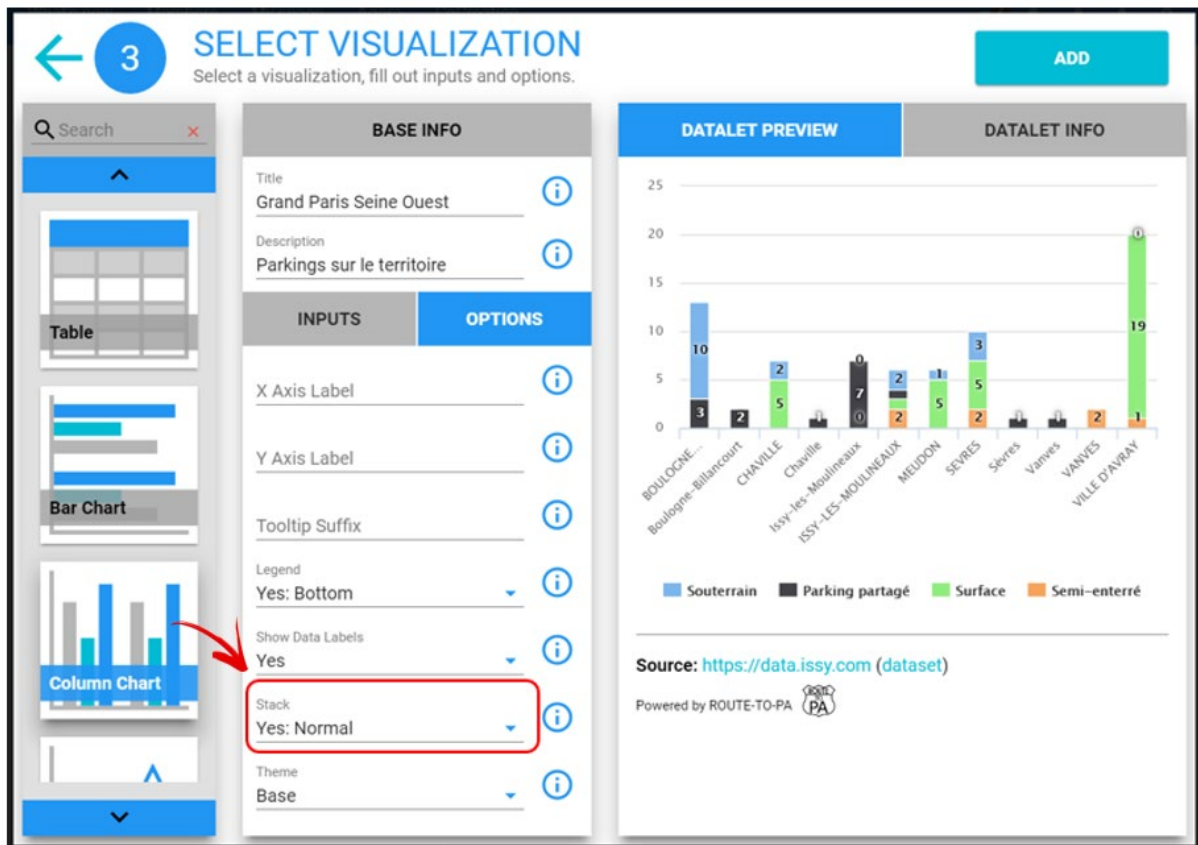
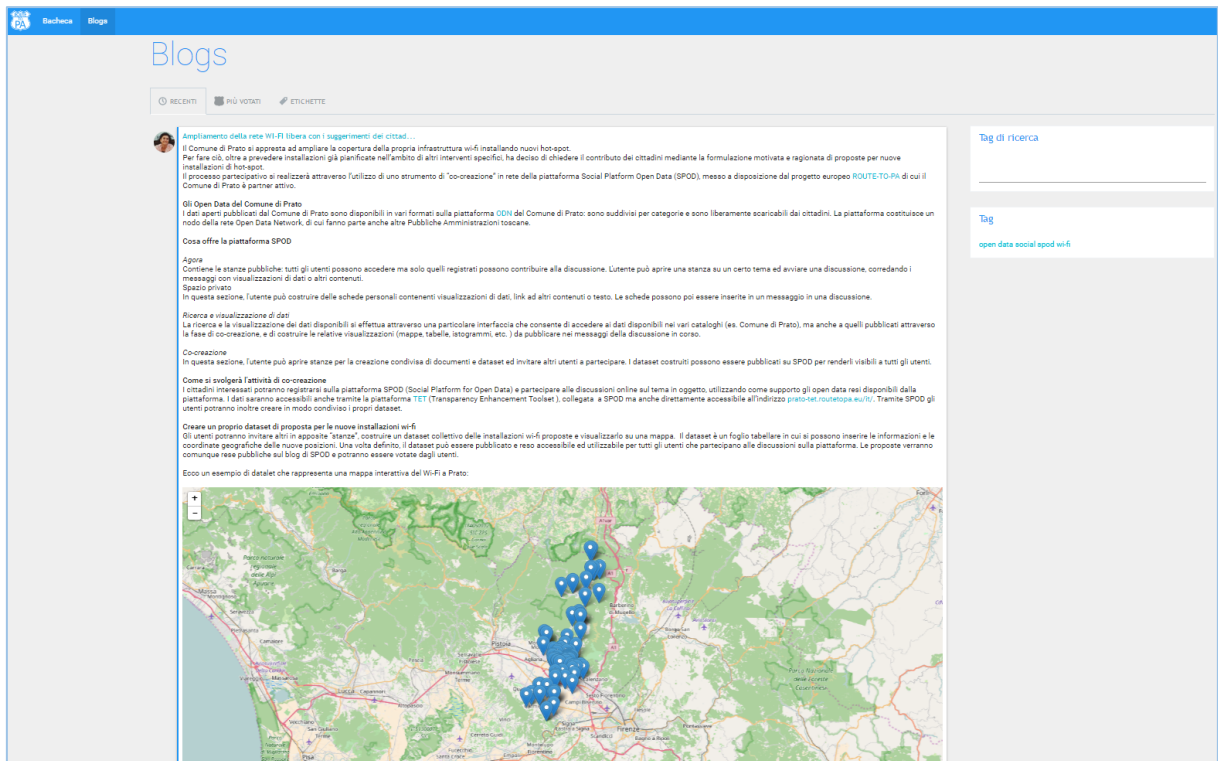


Figure 41: A stacked chart setting “Stack” option with “Yes” values

20 BLOGS

Blogs allow all users, also not registered users to vote (rates) on a specific post of Blogs. Only a user of SPOD as role as “bloggers” can create or modify a new post in the Blogs. A blog allows to add post, to allows votes (until now available only in prato.routetopa.eu).



The “What’s new” page displays Blogs to be shared among SPOD users.

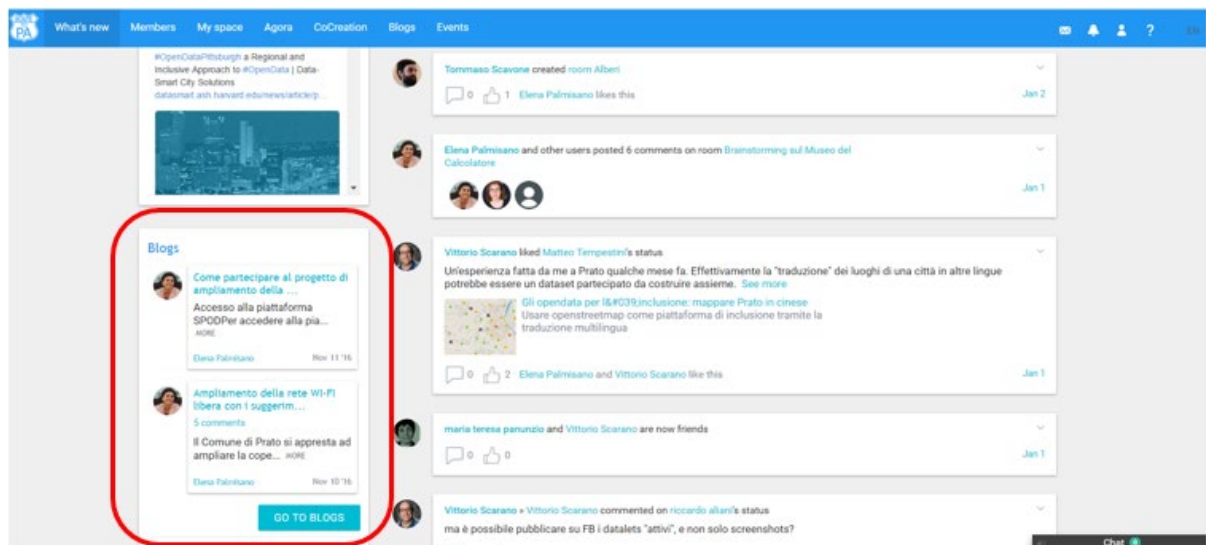


Figure 42: Blogs among widgets (on the left side) in the What's new page.

A user with “Bloggers” role can write a new post

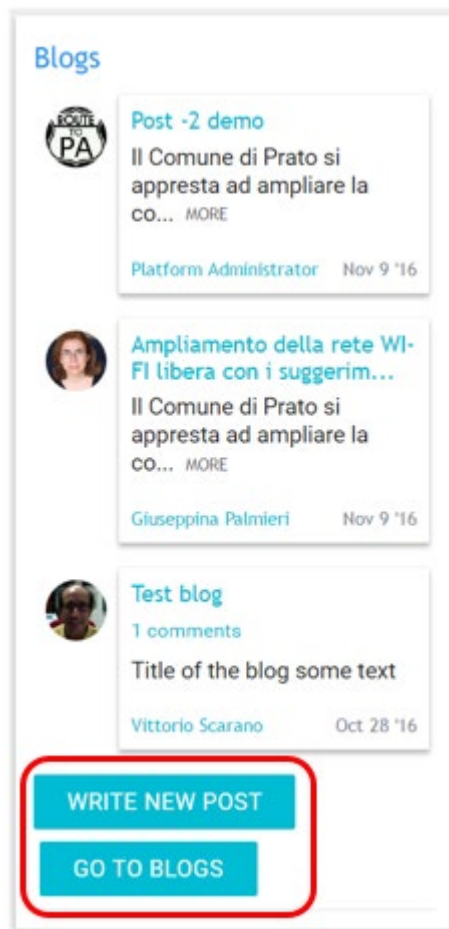
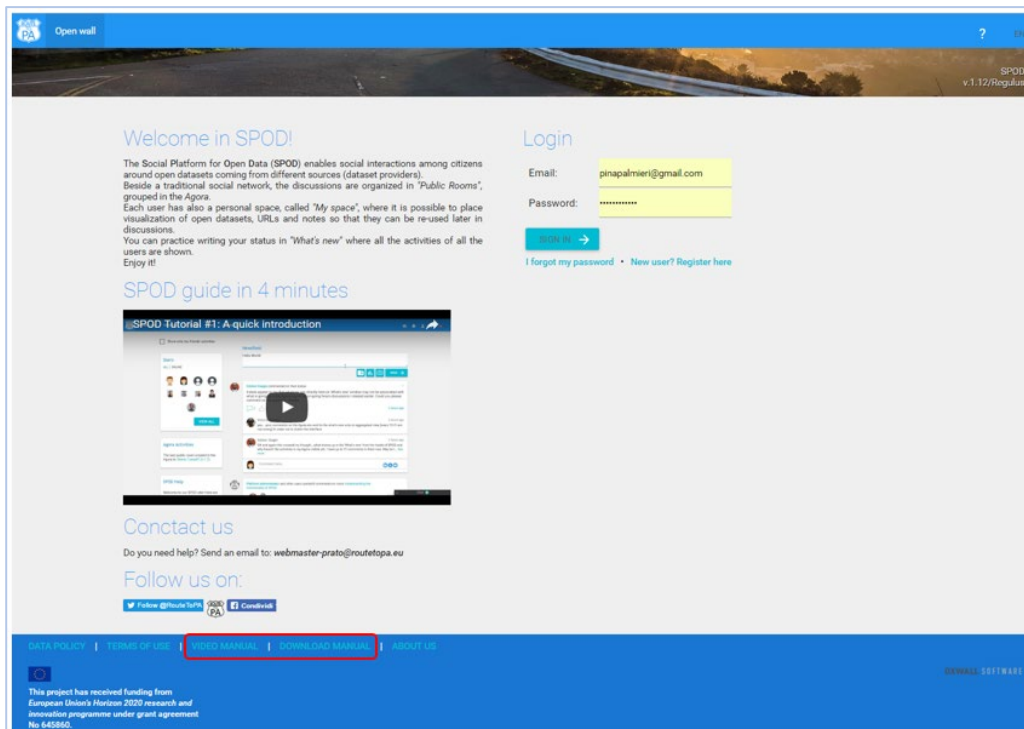


Figure 43: Only a user with “Blogger” role can write a new post

21 MANUAL AND VIDEOS

21.1 MANUAL EASILY ACCESSIBLE

Manual link is available, at the right bottom of the page in SPOD platform.



21.2 VIDEO INSTRUCTIONS ON YOUTUBE

Video Manual link is available, at the right bottom of the page in SPOD platform (see below screenshots).

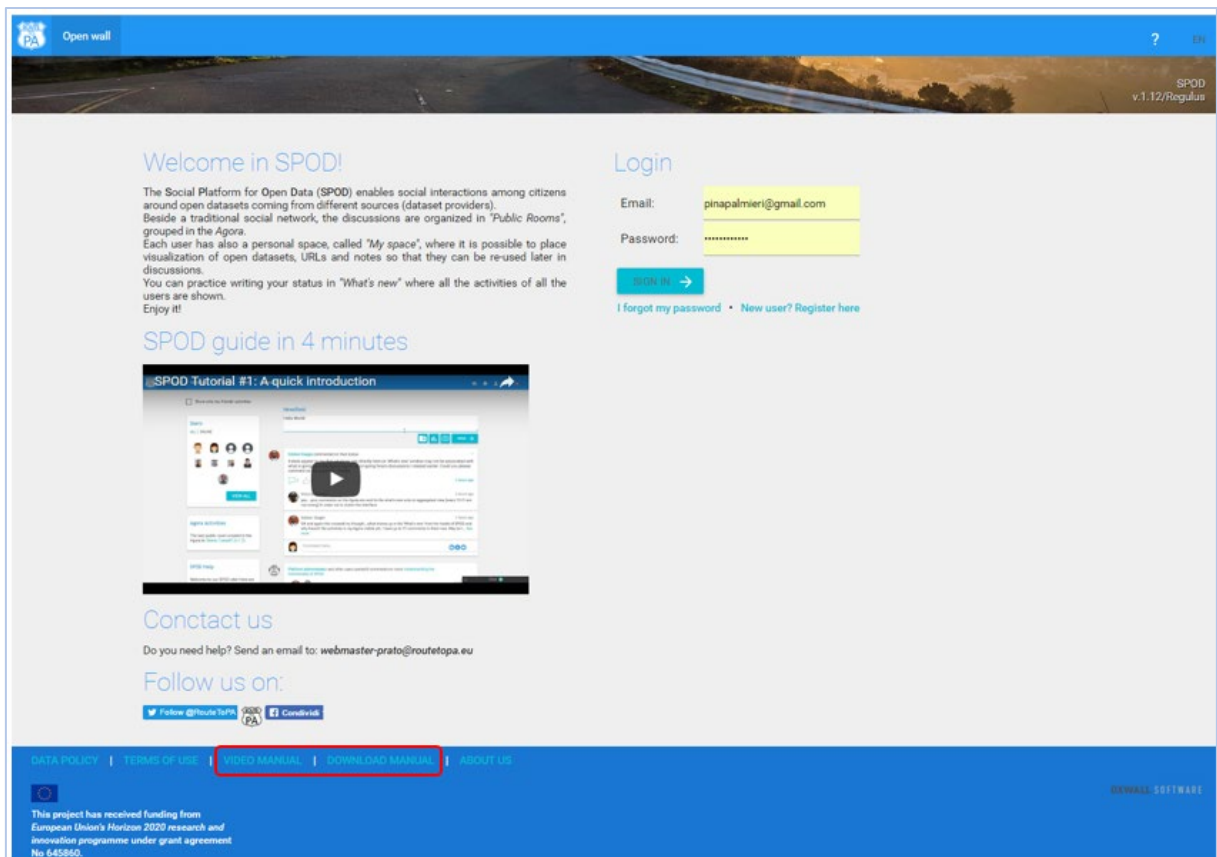


Figure 44: “Video Manual” and “Manual” on the right bottom of the page in SPOD platform

Video Manual is a YouTube channel with videos to explain main functionalities in SPOD platform.

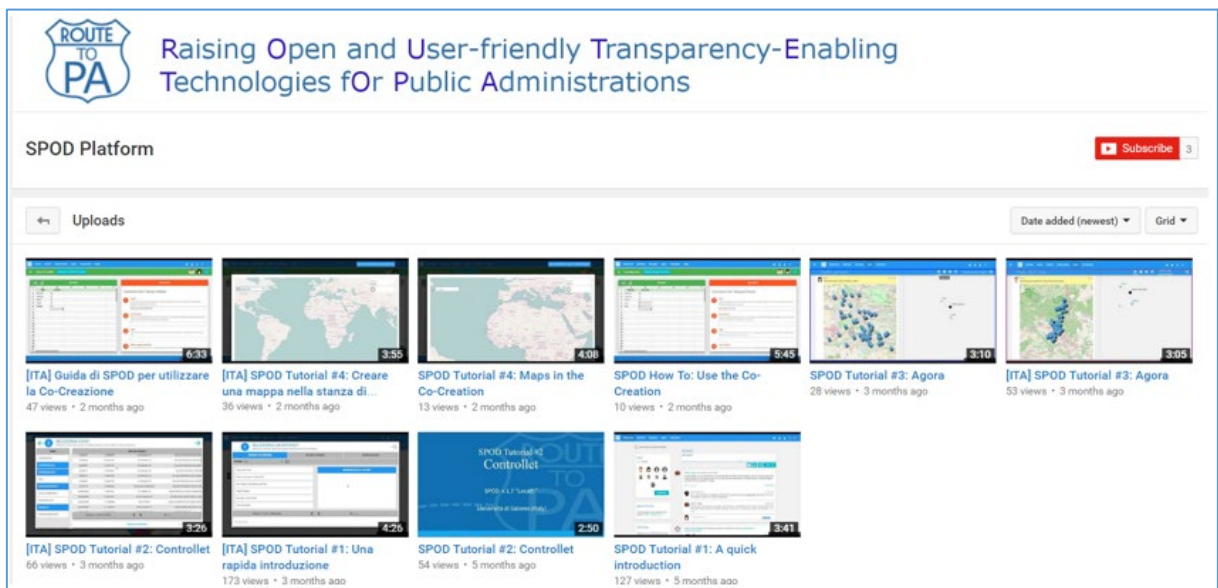



Figure 45: YouTube channel for SPOD platform

21.3 CONTEXT-SENSITIVE HELP

In each page (e.g., Agora etc.), or in any widget of the UI (e.g., buttons etc.), a description is provided with detailed tooltips or a brief explanation that define precisely how to interact with the control/page in question.

The online help system in SPOD platform is available selecting , the question mark button, and a small window will pop up with a short explanation of the item you selected. The features will be present in following pages:

- Public Room
- Agora
- My space
- Open Wall
- What's new
- Members
- Co-creation(data, media and knowledge) room

Enrich tooltips help users with further explanations of the features in the SPOD.

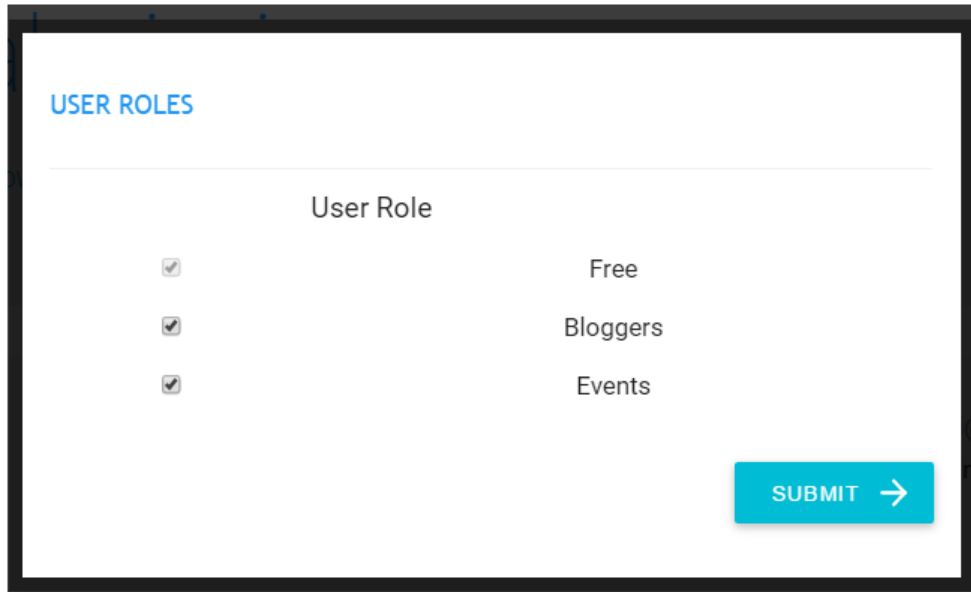
22 EVENTS

Only a user of SPOD as role as "Events" can create or modify a new event (name, time, location, address, description, image, event/organiser website etc). A new event allow to add a datalet or import from the private space one own datalet.

A list of features available:

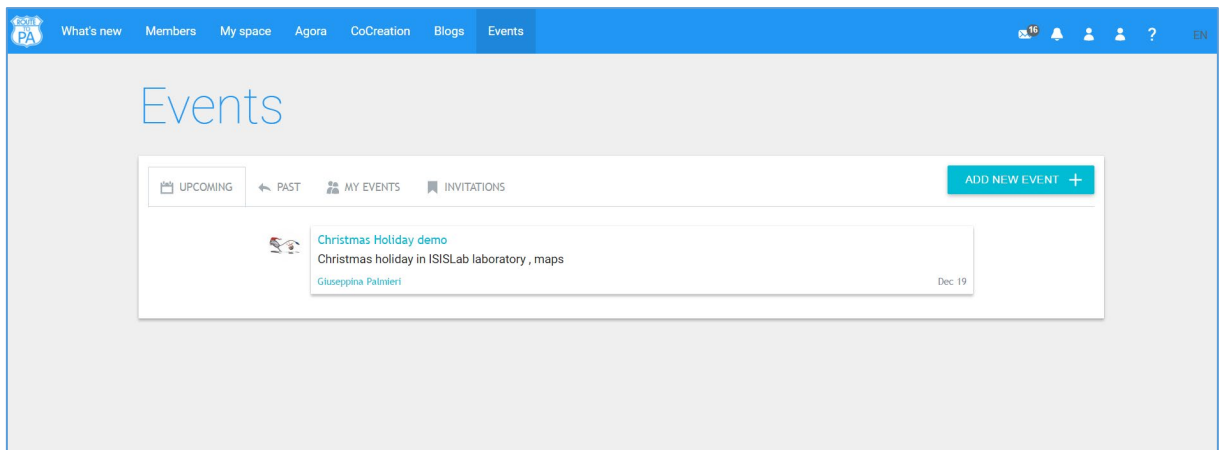
- Upcoming events
- Past events
- My events
- Invitations
- A datalet (a new datalet or select a datalet from private space (i.e., My space page)) can be embedded in the description of the event
- Add link to google maps at a particular location with a marker on a particular point (for example, location of the event).

Only those users with assigned “Events” user role, will be able to execute actions specified in permissions of this role, such as for example create a new event.



✓	User Role
<input type="checkbox"/>	Free
<input type="checkbox"/>	Bloggers
<input type="checkbox"/>	Events


SUBMIT →



Events

UPCOMING PAST MY EVENTS INVITATIONS

ADD NEW EVENT +

 **Christmas Holiday demo**
Christmas holiday in ISISLab laboratory, maps
Giuseppina Palmieri Dec 19

Christmas Holiday demo

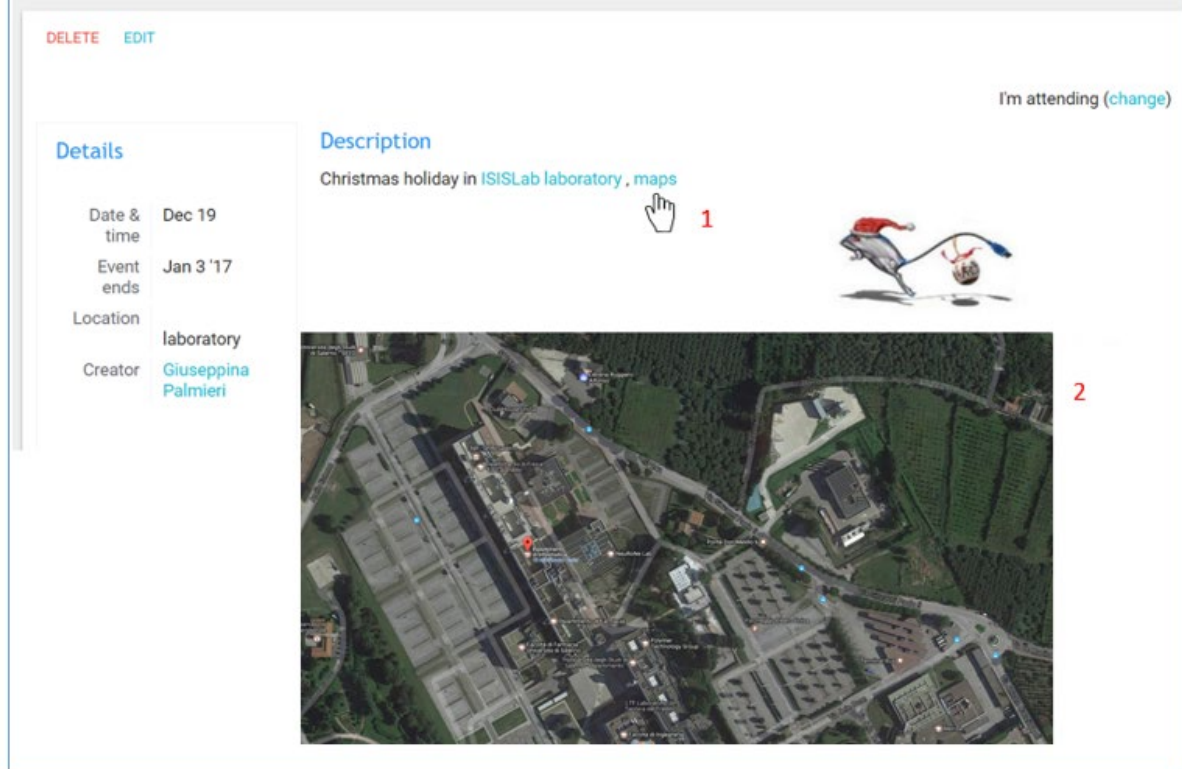



Figure 46: Event with map to show the location, i.e. clicking on a “map” link and geographic location is showed

22.1 HOW TO ADD COORDINATE TO FIND A PLACE OF AN EVENT

Add link to google maps at a particular location with a marker on a particular point (for example, location of the event), you can:

- 1) Open [Google Maps](#)
- 2) In the search box at the top, type your address of location of the event
- 3) In the left corner, click the Menu e .
- 4) At the top of the box that appears, choose “Share or Embed map”.
- 5) Choose “Share link” tab to copy the URL of the location to paste into the description of the event.

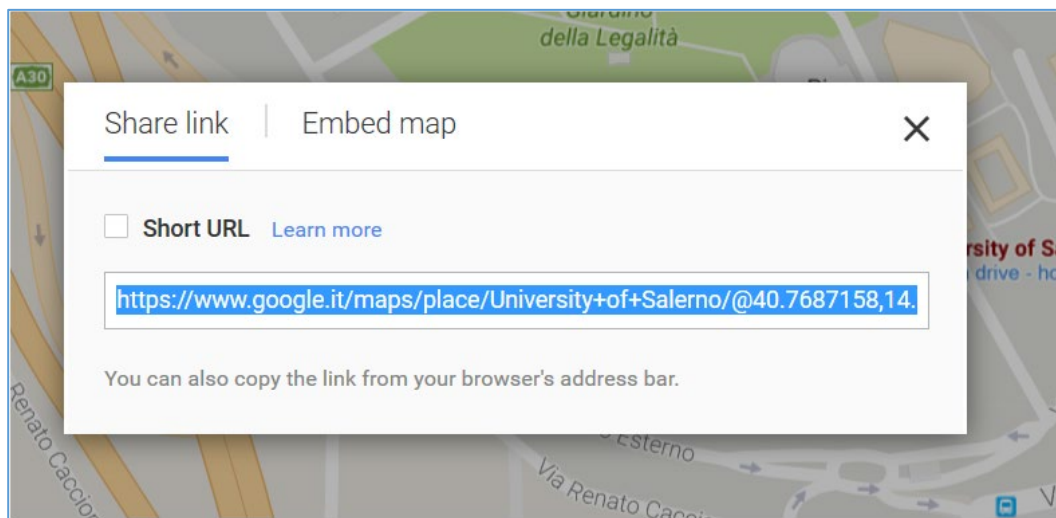
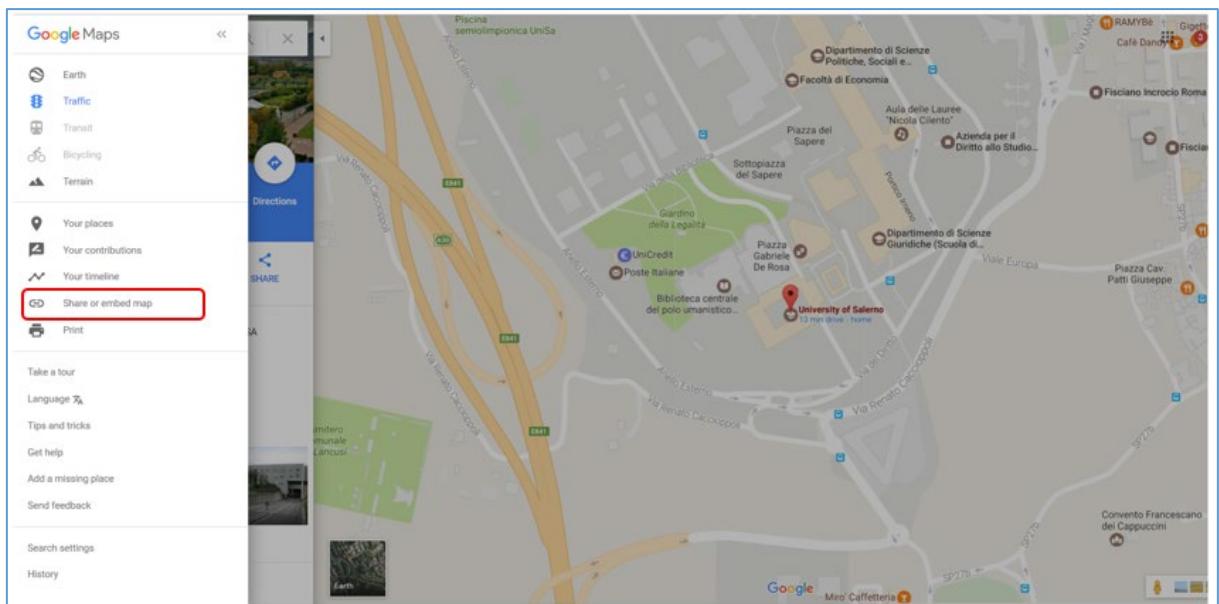




Figure 47 Click on "Share or embed map" of the left menu and a new window opens to copy and paste the URL of the event

To add the geographic location of the event, in the description of the event, you can click on the  button in the toolbar, and a new window opens to add the URL of the location of the event.

Title Christmas Holiday demo

Date & time 19 ▾ Dec ▾ 2016 ▾ all day ▾

Event ends ☒ 3 ▾ Jan ▾ 2017 ▾ all day ▾

B *I* U 

Christmas holiday in [ISISLab laboratory](#) ,

Description

INSERT LINK

Text to display:
maps

To what URL should this link go:
<https://www.google.it/maps/@40.771576,14.7861622,12471>

☒ Open in new window

INSERT +

Figure 48: In the description of the event, click on the “Add URL”, (i.e. red highlighted icon) and new window opens to paste the previously URL

22.2 HOW EMBEDDED A DATALET IN THE EVENT

Another feature in the event, allows to embed a new datalet or import a datalet, previously created, from private space:

My space
Agora
CoCreation
Blogs
Events

Location
UNISA Laboratory

Image

Scegli file
Nessun file selezionato

Who can view
☐ Anybody
☒ By invitation only

Who can invite
☒ Participants
☐ Event creator only

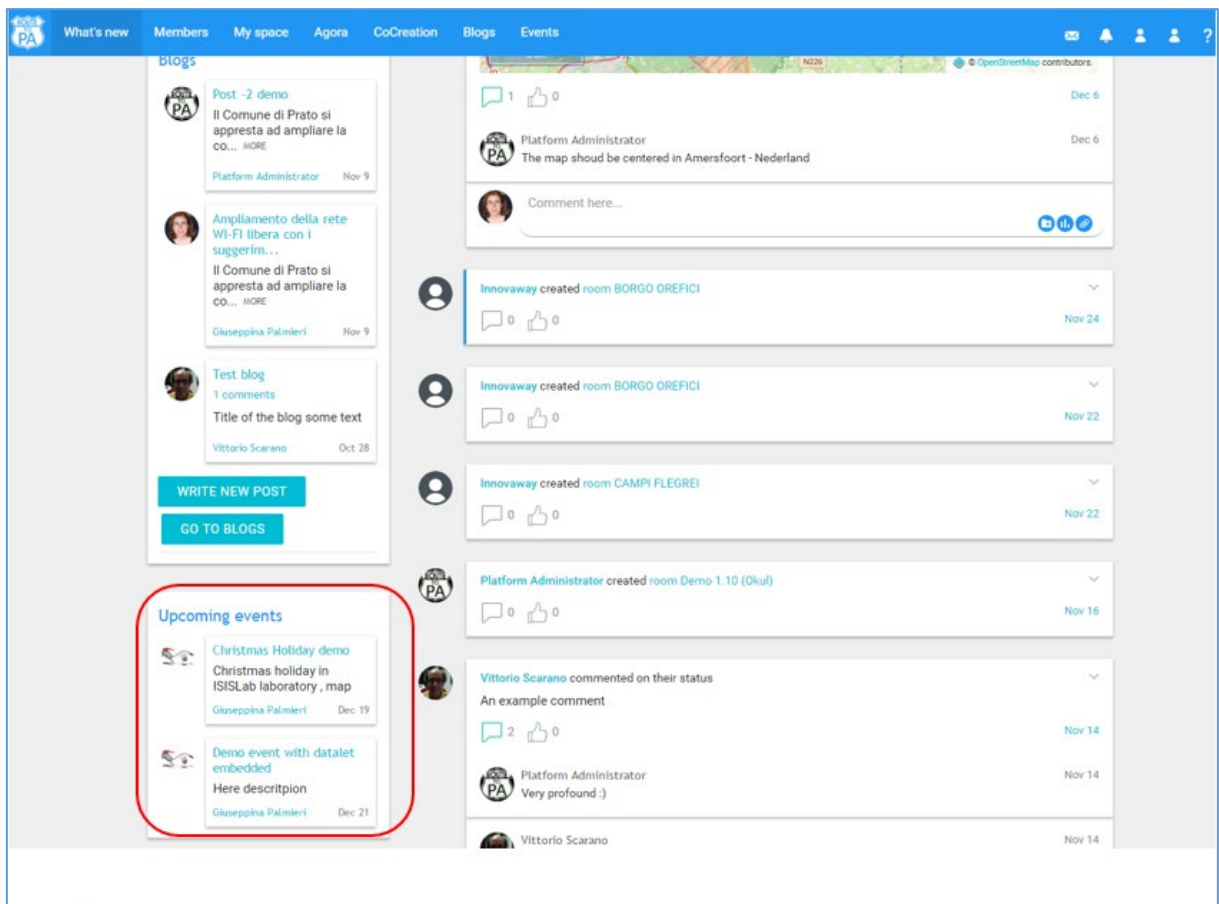
Add datalet

EDIT



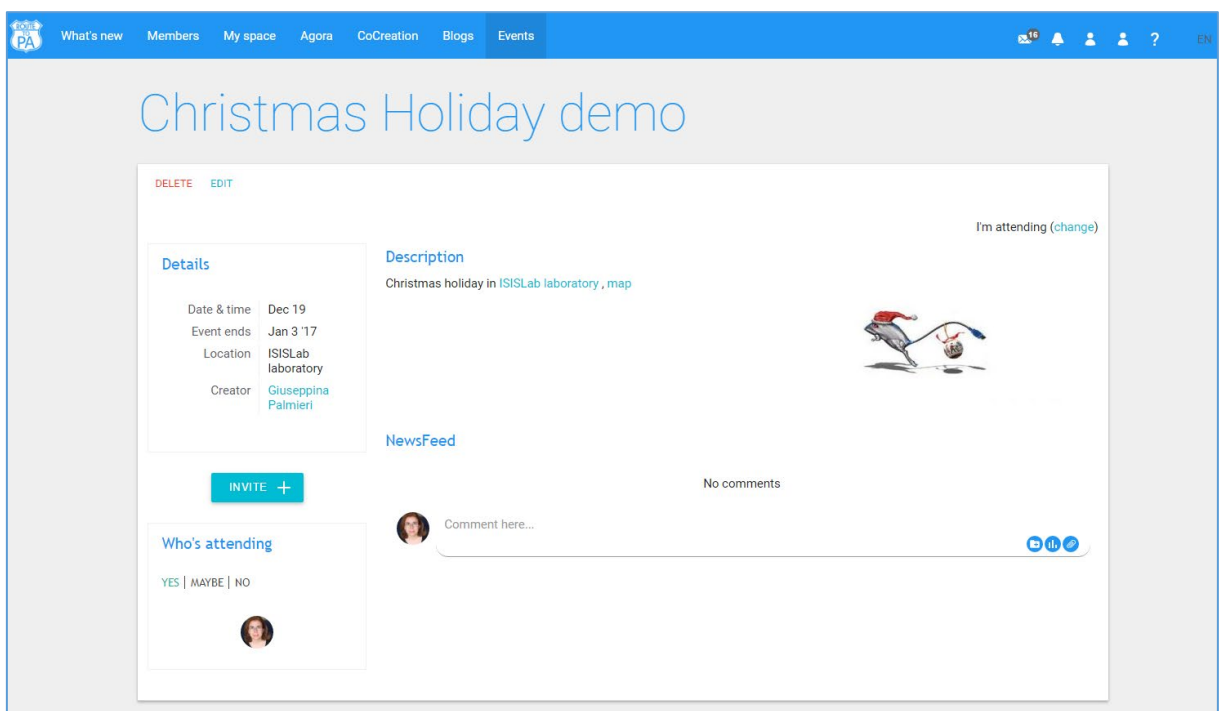
22.3 UPCOMING EVENTS IN WHAT'S NEW PAGE

In “What’s new” page, all upcoming events will be showed:

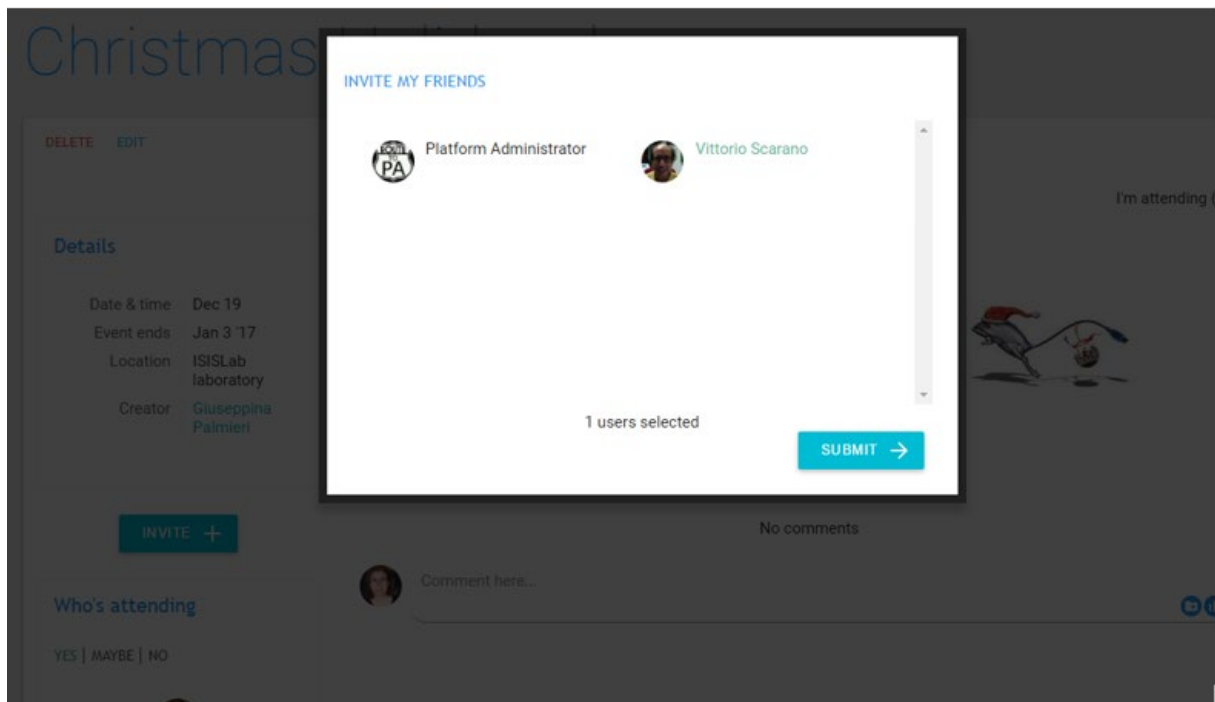


22.4 AN INVITATION TO AN EVENT

To invite a user to an event, click on the **INVITE +** button



Choose a user to invite to the event.



The invited user will receive a notify in SPOD.

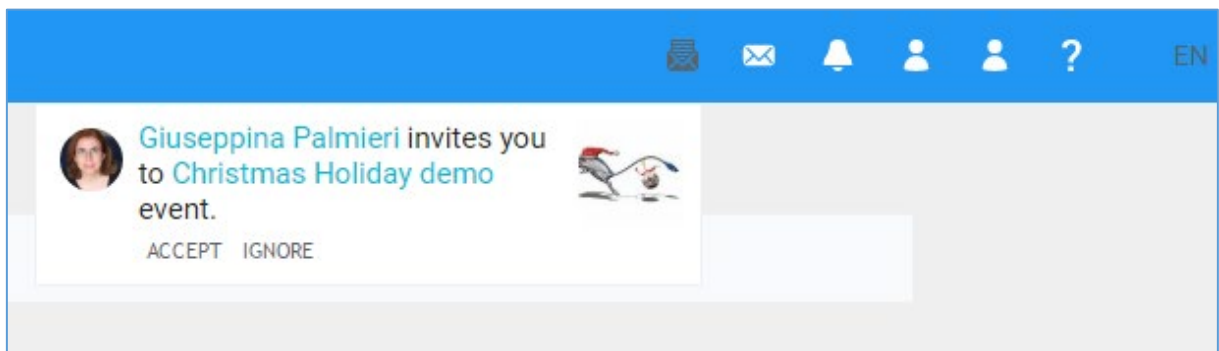
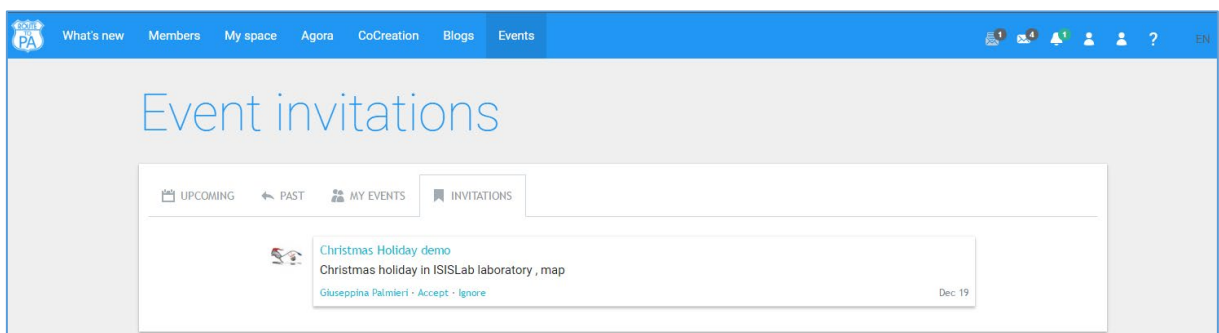


Figure 49: Notify an invited user


An invited user can see the invitation (see below screenshot)

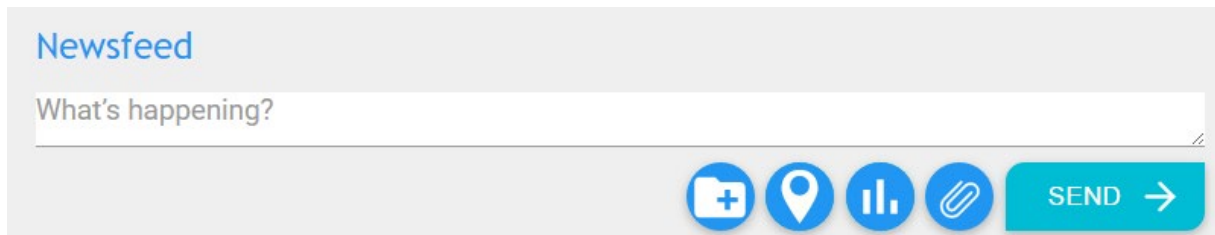


2 3 M A P S

This component has been implemented in collaboration with Ancitel team.

A new map datalet based on openlayer that is capable to visualize KML and GeoJSON data on a multi layer map (such as OSM Standard, Cycle, Transport, Landscape and Humanitarian).

A  new button has been introduced in My friends' activities/What's new that it opens the map authoring system.



A wizard allows to easy analysis of geographic data obtained from various open data portals providing data compatible with Open Street Map (OSM), i.e., it allows to read files formats such as KML (i.e., file format used by Google Earth)

Supported Geospatial Data Formats

- GEOJSON
- Keyhole Markup Language (KML)

1. A first step of the maplet, load an KML file

External URL: http://data-delft.opendata.arcgis.com/datasets/c717695124d44742bb0521d9db3fd744_0.kml

Or

Dataplatform open data portal (<https://ckan.dataplatform.nl/>)

2

SELECT LAYERS

Select the layers on the left. The map will show the selected layers.

ADD DATASET

ADD

LAYERS

☒ GEOJSON

(Aandachtgebieden Tilburg)

☐ KML

(Openbare afvalcontainers Tilburg)

Q Search

MAP

LAYOUT : GEOJSON

Stroke style

Stroke width

Stroke color red

Stroke color green

Stroke color blue

Stroke color alpha

Fill style

Fill color red

Fill color green

Fill color blue

Fill color alpha

☐ Label style

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: HETOR

Culti rupestri (Regione Campania)

Museo Irpino (Avellino)

Le 50 migliori pizzerie di Italia

Castelli e torri costiere (Regione Campania)

Castelli e torri costiere (Regione Campania)

Note di cocreazione castelli e torri costiere della Campania

Note di cocreazione castelli e torri costiere della Campania

Itinerari del Gusto – I vini (Regione Campania)

Risorse e Beni Culturali Minori di San Nicola La Strada

Aree naturali della Campania

DATASET INFO

Resource Name: undefined

Geometry Type: Polygon

Features Count: 33

Properties length: 5

Properties: geometry , name , description , functie , omschrijving

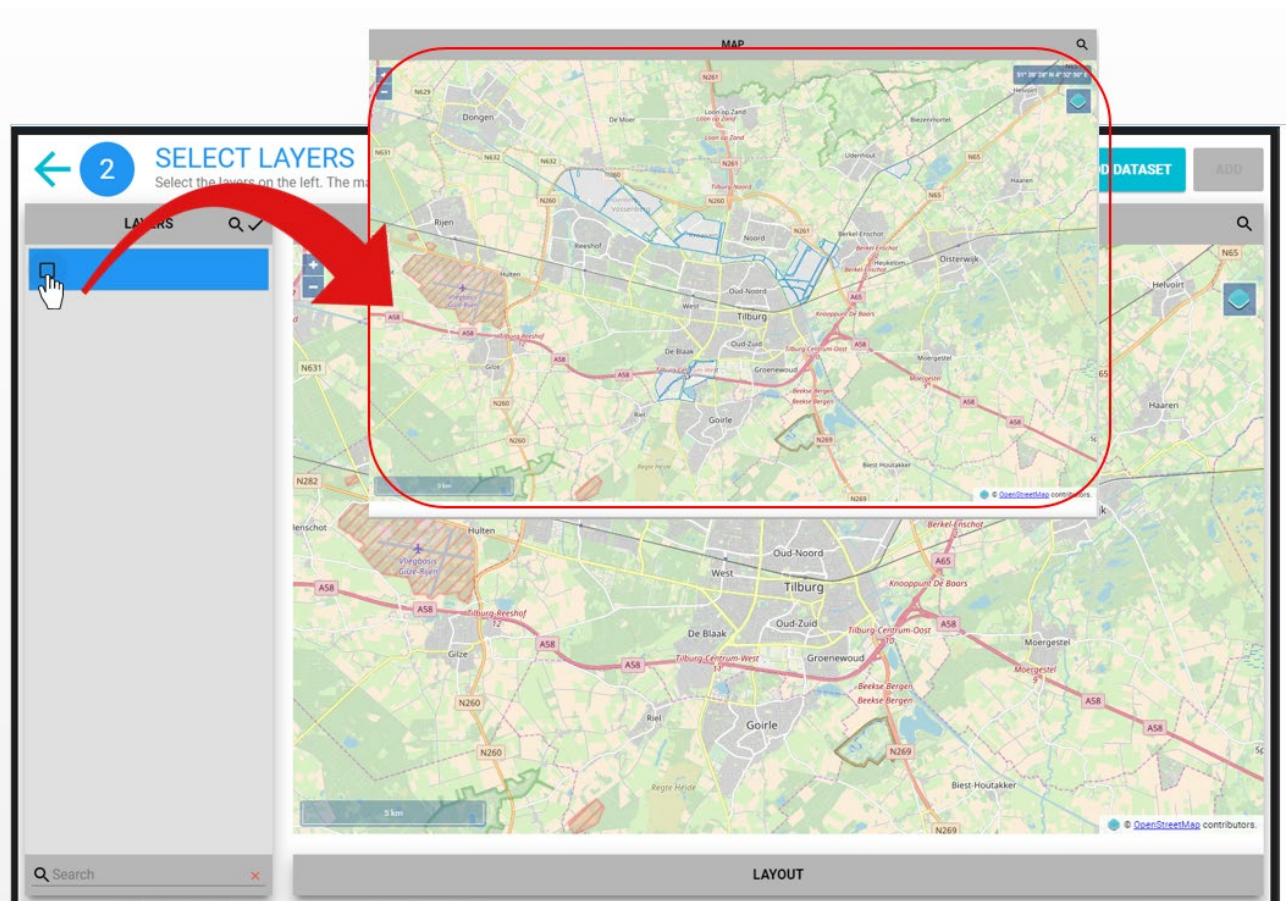
Showing 1 to 20 of 1000 datasets

Q Search

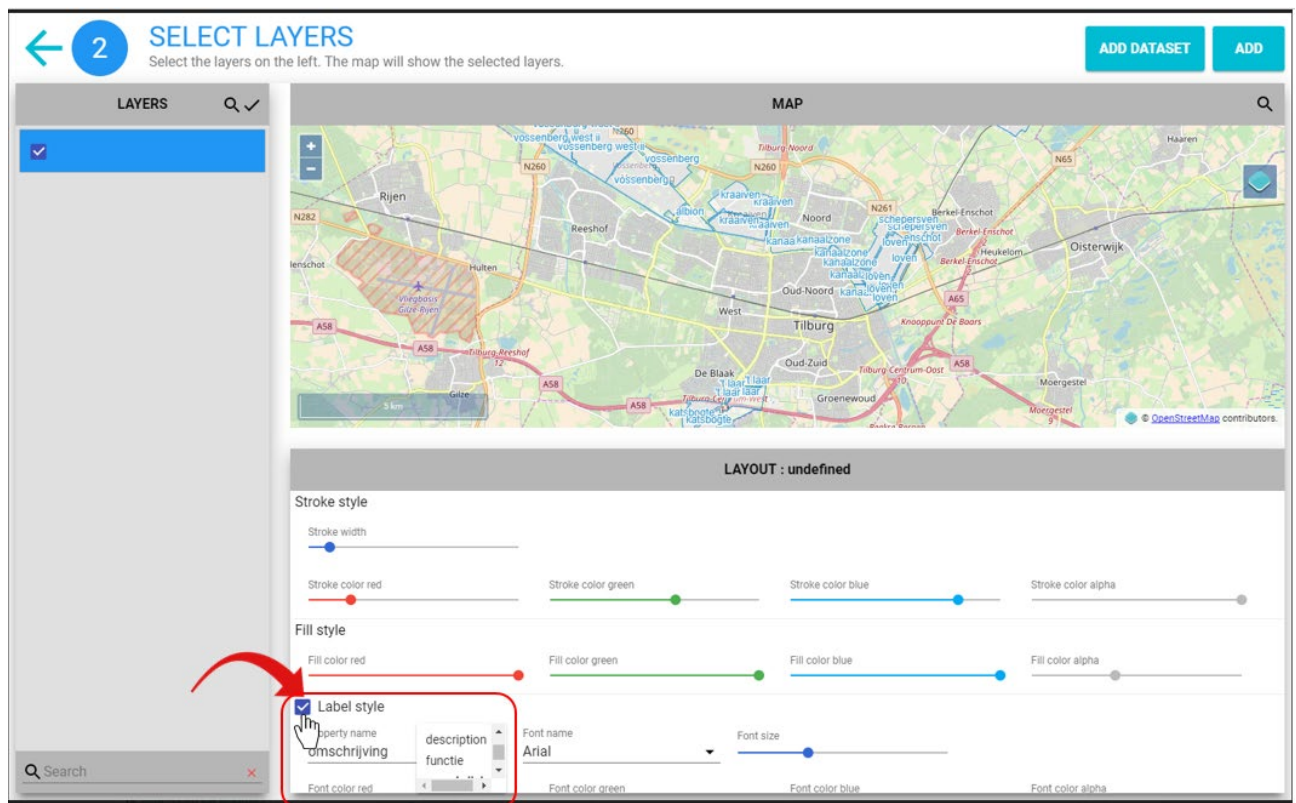
Selected url

<https://ckan.dataplatform.nl/dataset/a65a939f-c526-4cab-b009-509ae4e8a209/resource/d9b81907-511a-4f29-95d6-2809654dd8af/download/werkgebieden.kml>

2. The second step



3. Customize with Stroke, Fill and Label styles



4. Multiply layers from different or same providers

2
SELECT LAYERS
Select the layers on the left. The map will show the selected layers.
ADD DATASET
ADD

LAYERS
Q ✓

☒ GEOJSON
(Aandachtswijken Tilburg)
☐ KML
(Openbare afvalcontainers Tilburg)

☐ KML
(Woninggebieden Tilburg)

MAP
Q

LAYOUT : GEOJSON

Stroke style

Stroke width

Stroke color red

Stroke color green

Stroke color blue

Stroke color alpha

Fill style

Fill color red

Fill color green

Fill color blue

Fill color alpha

☐ Label style

2
SELECT LAYERS
Select the layers on the left. The map will show the selected layers.
ADD DATASET
ADD

LAYERS
Q ✓

☒ GEOJSON
(Aandachtswijken Tilburg)
☐ KML
(Openbare afvalcontainers Tilburg)

☒ KML
(Woninggebieden Tilburg)

MAP
Q

LAYOUT : KML

Stroke style

Stroke width

Stroke color red

Stroke color green

Stroke color blue

Stroke color alpha

Fill style

Fill color red

Fill color green

Fill color blue

Fill color alpha

☐ Label style

23.1.1 EXAMPLES: OPEN DATA PORTAL WITH AVAILABLE ADDRESSES (KML, GEOJSON, WMS)

23.1.2 OPENDATA NETWORK IN PRATO, ITALY

In Prato, Italy, the open data portal made available address in kml format files.



Vulnerabilita' acque

[Dataset](#) [Gruppi](#) [Flusso di attività](#)

Organizzazione



Comune di Prato

[Comune di Prato leggi di più](#)

Licenza

[OPEN DATA](#) [CC BY-SA](#)
Creative Commons
Attribuzione - Condividi allo
stesso modo

Vulnerabilita' acque

Vulnerabilità delle acque sotterranee

Data e Risorse



2016-12-06T131509/PS_vulnerabilita.zip



2016-12-06T131527/PS_vulnerabilita.csv



2016-12-06T131539/PS_vulnerabilita.kml

[Geografico](#)

Metadati del Dataset

Identificativo del dataset	vulnerabilita-acque
Altro identificativo	N/A
Temi del dataset	Governo e settore pubblico
Editore del Dataset	Nome: Comune di Prato Codice IPA/IVA: c_g999
Data di rilascio	06-12-2016
Data di modifica	21-08-2017
Copertura Geografica	Area di competenza dell'unità organizzativa preposta
URI di GeoNames	N/A
Lingue del dataset	italiano
Copertura temporale	N/A
Frequenza	irregolare
Versione di	N/A
Conforme a	N/A
Titolare	Nome: Comune di Prato Codice IPA/IVA: c_g999

In SPOD, you can follow the steps:

- 1) First step of the maplet

1

SELECT DATASET

Select a dataset from the list or copy and paste the url of dataset.

→

FROM PROVIDERS

FROM COCREATED

FROM EXTENDED SEARCH

Provider: Prato

Incendi 2006

Incendi 2008

SIR Calvana-Monteferrato

Sistemi e Subsystemi

Sezioni elettorali 2014

Ambiti di riferimento

Sezioni elettorali 2015-2016

Vulnerabilita' acque

2016-12-06T131509/PS_vulnerabilita.zip

2016-12-06T131527/PS_vulnerabilita.csv

2016-12-06T131539/PS_vulnerabilita.kml

DATASET INFO

Resource Name: 2016-12-06T131539/PS_vulnerabilita.kml

Geometry Type: Polygon

Features Count: 297

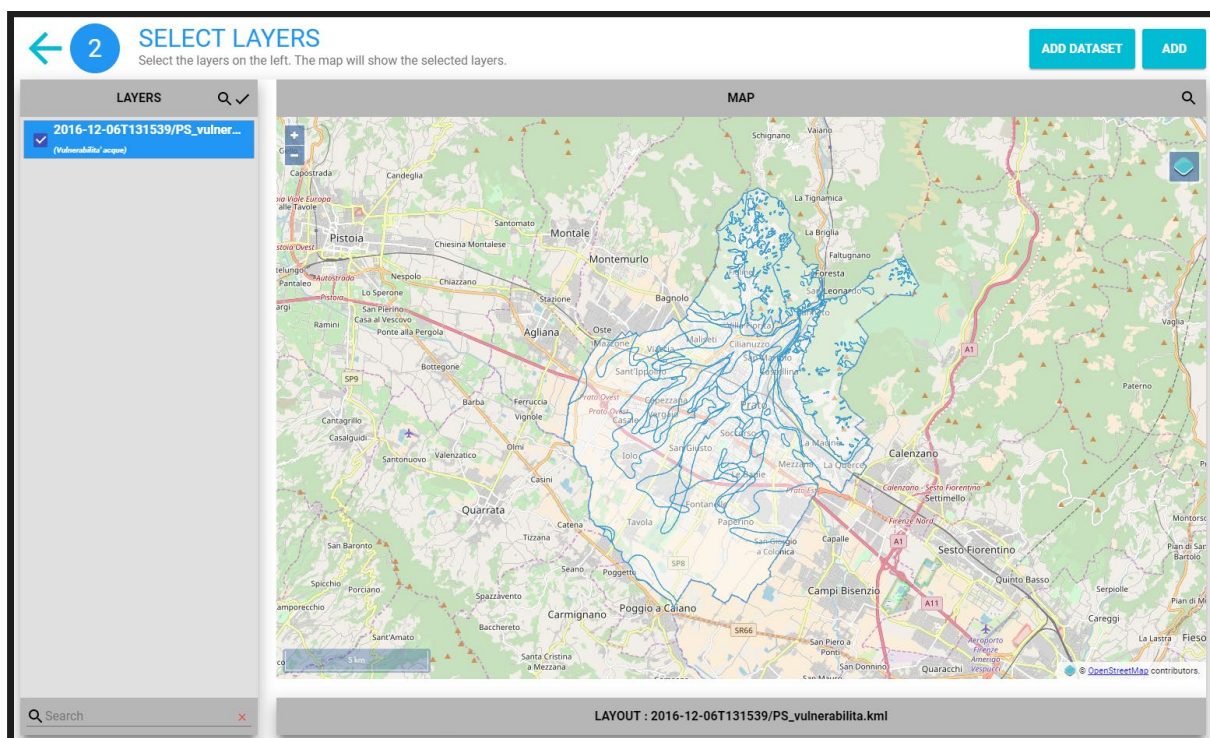
Properties length: 6

Properties: geometry , name , description , LEGENDA , NTA , AREA

Showing 1 to 20 of 135 datasets

Selected url

2) Step 2) shows the data



23.1.3 OPENDATA NETWORK IN NETHERLAND

The open data CKAN portal in Netherland, [Dataplatform](https://data.platform.nl/) offers datasets in many format (JSON, GEOJson, KML etc).

The screenshot shows the Dataplatform website interface. At the top, there's a navigation bar with 'Inloggen' on the right and 'DATASETS', 'ORGANISATIES', 'GROEPEN', and 'OVER' in the center. The main header features the 'Dataplatform' logo and a background image of a road intersection. Below the header, there's a sidebar on the left with sections for 'Organisaties' (listing 'Gemeente Tilburg (1)'), 'Groepen' (listing 'Ruimte en Infrastru... (1)' and 'Werk (1)'), and 'Tags' (listing '013 (1)', 'Bedrijventerrein (1)', 'Industrie (1)', 'Kantoren (1)', 'Tilburg (1)', and 'Werkgebied (1)'). The main content area shows a search bar with 'Werkgebieden Tilburg' entered. Below the search bar, it says '1 dataset gevonden voor "Werkgebieden Tilburg"'. To the right of this, there's a 'Sorteer op:' dropdown menu set to 'Relevantie'. Below the search results, there's a section for 'Werkgebieden Tilburg' with a '8 keer bekeken' badge. The description states: 'Beschrijving: De bedrijventerreinen (werkgebieden) bestaan uit grotere en kleinere gebieden met industrie, (groot)handelsbedrijven, showrooms en/of kantoren. Bij...'. Below the description, there are buttons for 'CSV', 'GeoJSON', 'KML', and 'SHP'. At the bottom of the main content area, there's a link: 'U kunt ook het register raadplegen met behulp van de API (see API documentatie)'.

An example in SPOD

GeoJson file with address = <https://ckan.dataplatform.nl/dataset/cc1d40ba-cada-4779-981f-ff981c9ee5f8/resource/94c9a26d-c8f4-47df-bbfc-160273ed13b1/download/monumentensdam.json>

You can follow the steps:

- 1) First step of the "Maplet", choose a GEOJON document

1

mc.map-controllet.slide1_title.it

mc.map-controllet.slide1_subtitle.it

→

DATASET DEI PROVIDER

DATASET COCREATI

RICERCA ESTESA

Provider: Dataplatform

Openbare Verlichting Alblasserdam

Subsidie Vlaardingen 2017

Aandachtswijken Tilburg

Openbare afvalcontainers Tilburg

Woongebieden Tilburg

Woningmarktgebieden Tilburg

Winkelgebieden Tilburg

Wijken Tilburg

Werkgebieden Tilburg

CSV (zonder geometrie)

GEOJSON

INFORMAZIONI SUL DATASET

Resource Name: **GEOJSON**

Geometry Type: Polygon

Features Count: 33

Properties length: 3

Properties: geometry , functie , omschrijving

Mostrati 1 a 20 di 1172 dataset

< >

Cerca

×

Uri selezionato

2) STEP 2), on the left side select the suggested layer

←

2

mc.map-controllet.slide2_title.it

mc.map-controllet.slide2_subtitle.it

ADD DATASET

ADD

LAYERS

☒ **GEOJSON**

(Werkgebieden Tilburg)

MAP

LAYOUT : GEOJSON

To add multiple layers, select the “ADD DATASET” button.

24 NOTIFICATION ACTIVITY

24.1 ACTIVITY ON SPOD PLATFORM

Any User in his/her profile>>preferences>>Email notifications, can select which notifications about the site activity s/he would like to receive via email.

If user logs in, for example, daily, then those notifications will be displayed as "real time" ones under "Notifications" console item (usually top right corner of SPOD).

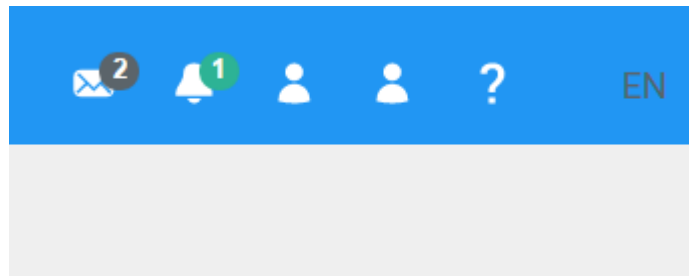
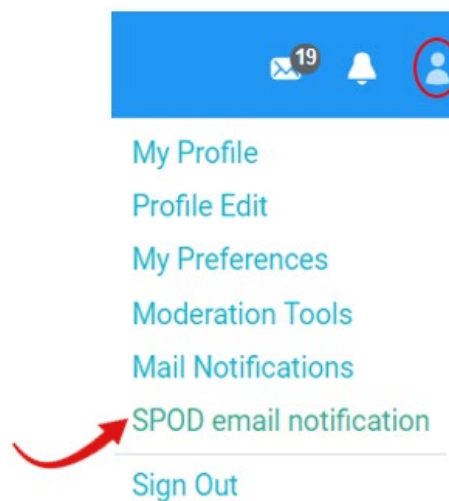


Figure 50: Notification in SPOD

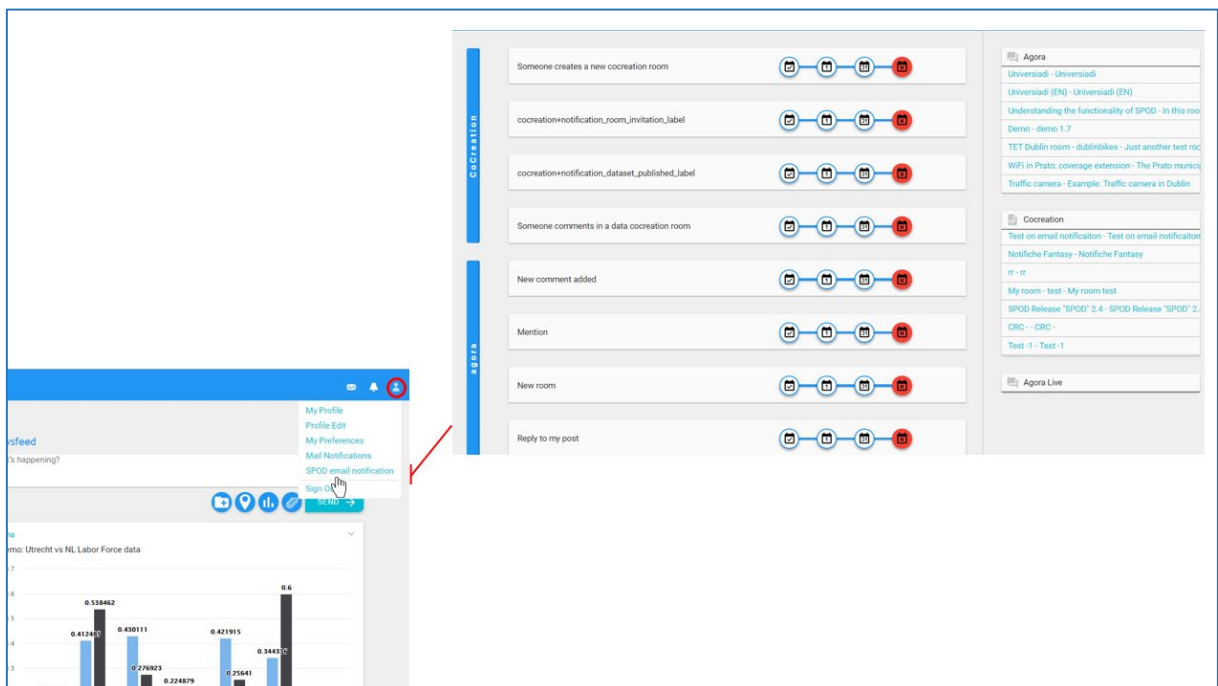
24.2 NOTIFICATION IN AGORA OR CO-CREATION

How to enable e-mail notification in Agora or Co-creation rooms,

Step 1) Click on account icon in the top right corner followed by the **"SPOD email notification"** from the drop down menu on the right



Select your preferred settings (Every time, every day, and every month)



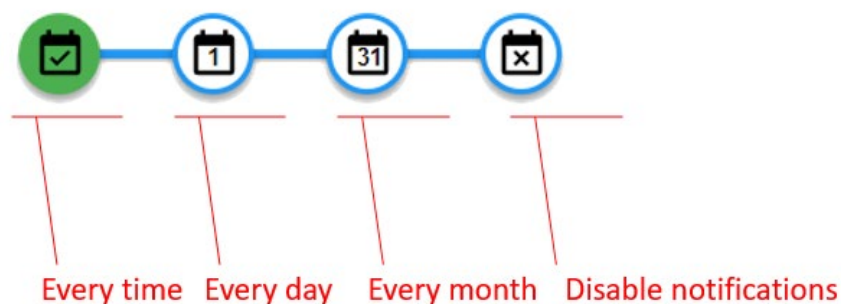
The list of all notifications in Co-creation

- Someone creates a new Co-creation room
- Invitation in room
- A new dataset has been published
- New comments added in a data Co-creation room

The list of all notifications in Agora

- New comments added
- Mention
- New room
- Reply to post

Different ways to send email alert:



On the right side, all rooms and an “Agora live” section to take a look at what happened in the discussion room of the Agora

CoCreation

Someone creates a new cocreation room

cocreation+notification_room_invitation_label

cocreation+notification_dataset_published_label

Someone comments in a data cocreation room

New comment added

Mention

New room

Reply to my post

agora

Agora

Universiadi - Universiadi

Universiadi (EN) - Universiadi (EN)

Understanding the functionality of SPOD - In this room

Demo - demo 1.7

TET Dublin room - dublinbikes - Just another test room

WiFi in Prato: coverage extension - The Prato municipality

Traffic camera - Example: Traffic camera in Dublin

Cocreation

Test on email notification - Test on email notification

Notifiche Fantasy - Notifiche Fantasy

IT - IT

My room - test - My room test


SPOD Release "SPOD" 2.4 - SPOD Release "SPOD" 2.4

CRC - - CRC -


Test -1 - Test -1

Agora Live


Agora Live



@pinap demo Demo v.2.6

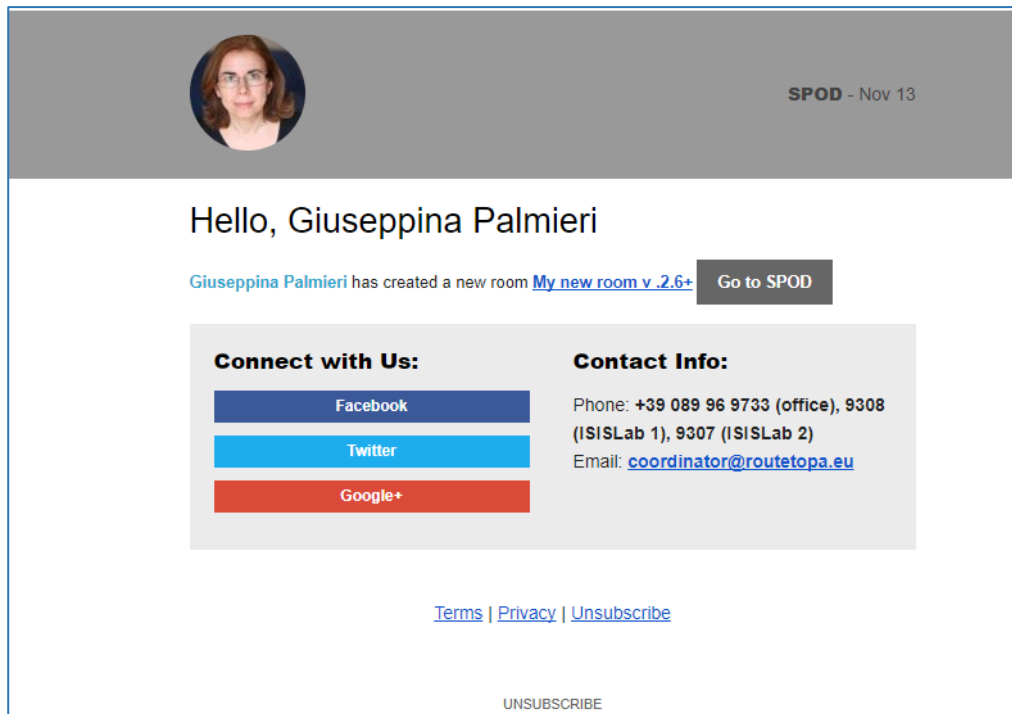


@pina here my visualization Demo v.2.6



my first post with visualization Demo v.2.6

An example of e-mail Notification when a new co-created room has been created



or a new post with visualization added in Agora and furthermore information is available in the sent e-mail e- (e.g., download an image of a visualization , the Agora room with post, the address of the SPOD platform)



Hello, Giuseppina Palmieri

Giuseppina Palmieri has commented on the Agora **Demo v.2.6** .



prato: W-Fi map
Source: <http://ckan.routetopa.eu> (dataset)
Powered by ROUTE-TO-PA

my first post with visualization ... [read more »](#)

Demo v.2.6 AGORA

demo 2.6

[Go to SPOD](#)

Connect with Us:

Facebook

Twitter

Google+

Contact Info:

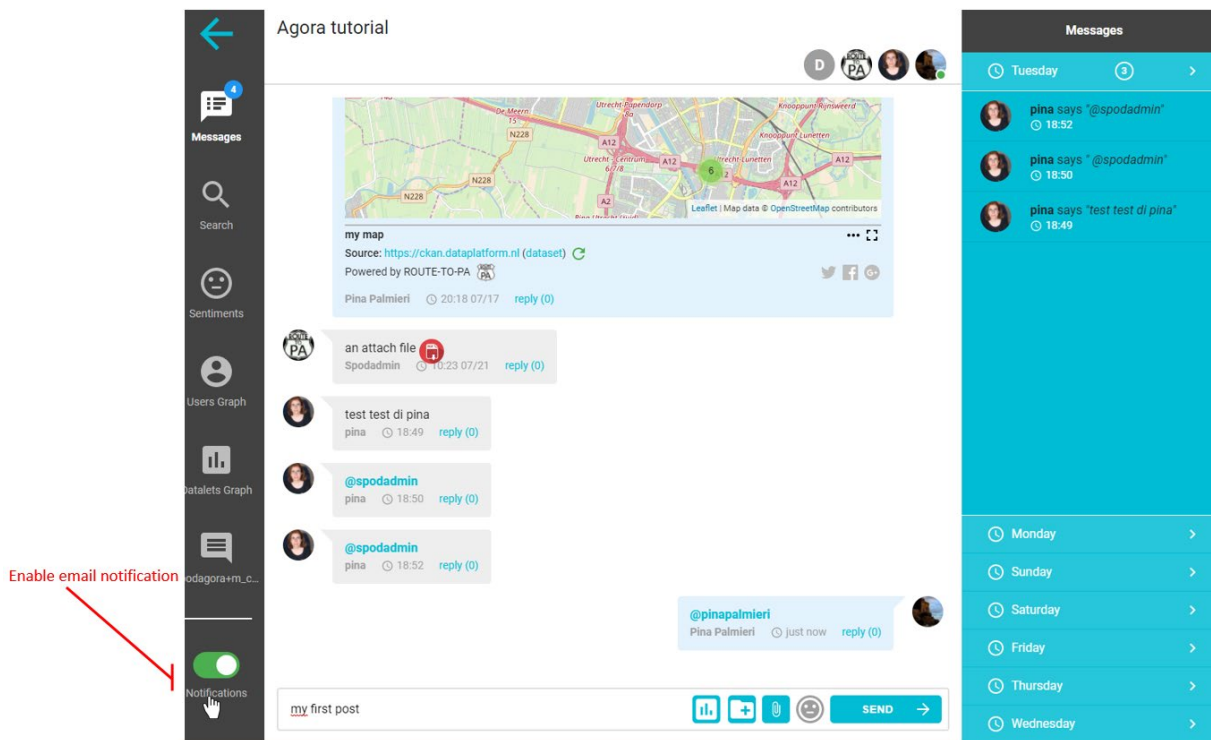
Phone: +39 089 96 9733 (office), 9308
(ISISLab 1), 9307 (ISISLab 2)
Email: coordinator@routetopa.eu

Download the image of the visualization

Join to the discussion room

Connect the SPOD Platform


Step 2) Choose the discussion room of the Agora to enable e-mail notifications

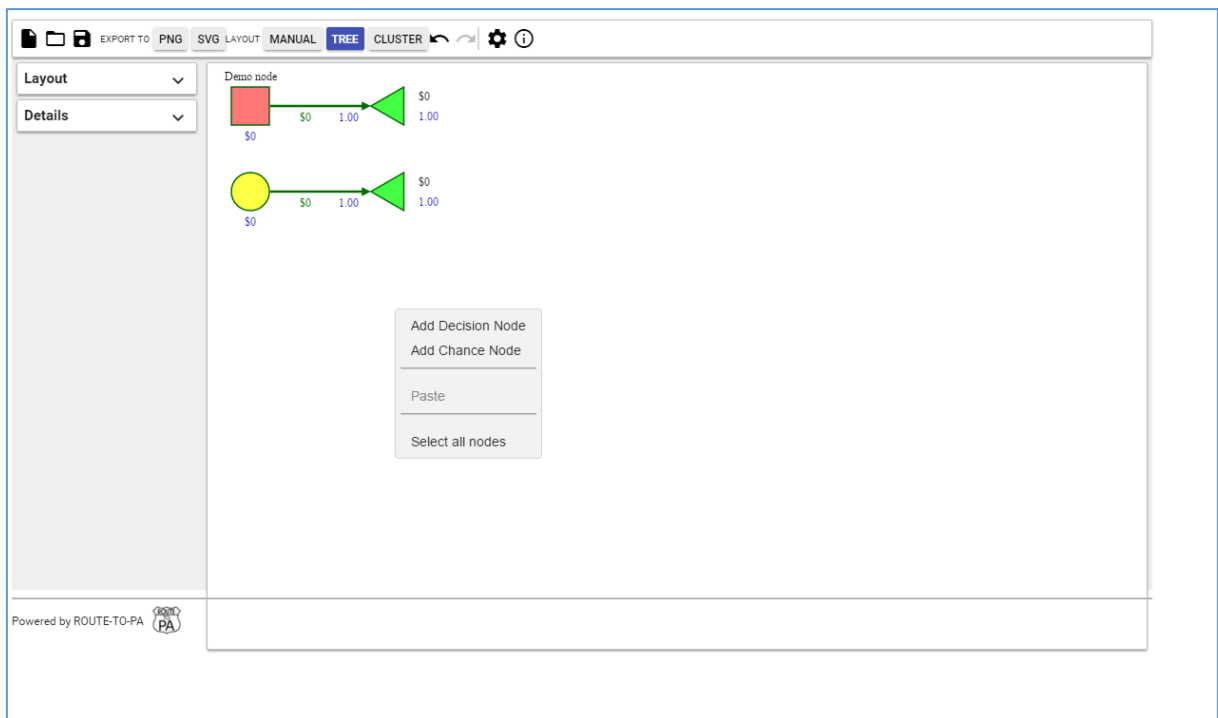


Now the user can receive e-mail notifications from activity of the discussion room both from Mobile or/and desktop version of SPOD.

25 DECISION TREE

The “SilverDecisions” project is developed at [Decision Support and Analysis Division](https://decision-support-and-analysis.wse.war.edu.pl/), Warsaw School of Economics. SilverDecisions is a software for creating and analysing decision trees. SilverDecisions is available visiting its website: <https://github.com/bkamins/SilverDecisions/wiki>.

SilverDecisions can be used in My Space of the SPOD platform, clicking on the new button .



26 SPOD MOBILE

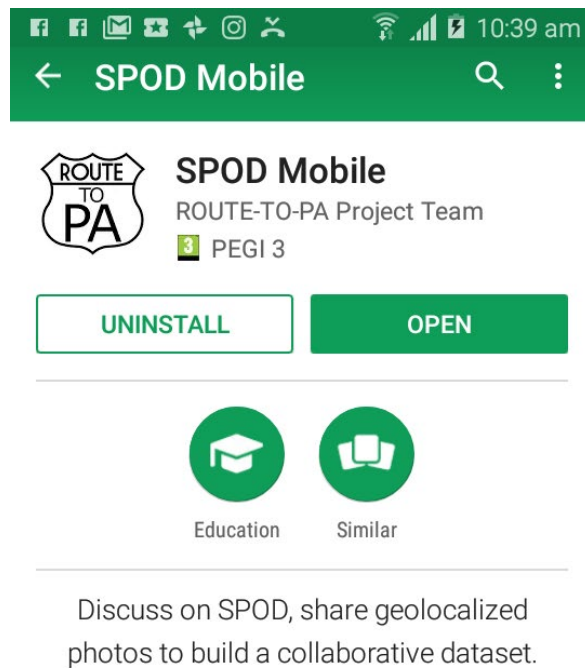
SPOD app for Android introduces the *media data room* in the Co-creation allowing to create a dataset embedding photos with additional data, such as Title, Description, Date, User and location to see exactly where the photo was taken with geolocalization details (GPS coordinates). This room with media datasets will be synchronized on the SPOD platform to enrich with other data cultural information and afterwards to publish in SPOD platform.

The co-created room will have a new type named “Media rooms” on the SPOD and will be also accessible on SPOD (if needed, actually, you should use the F5 button refreshing the web page).

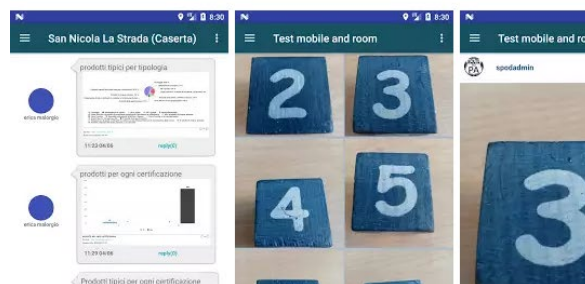
By using SPOD Mobile users will not only share content (e.g., photos) but photos will also include automatically geolocation for each photo in the mobile app.

26.1 GOOGLE PLAY STORE

Discover and download SPOD app for your Android phone through the Google Store app



[READ MORE](#)



The address of the “SPOD Mobile” in the Google Play Store is the following:

- <https://play.google.com/store/apps/details?id=eu.spod.isislab.spodapp&hl=en>

26.2 AUTHENTICATION

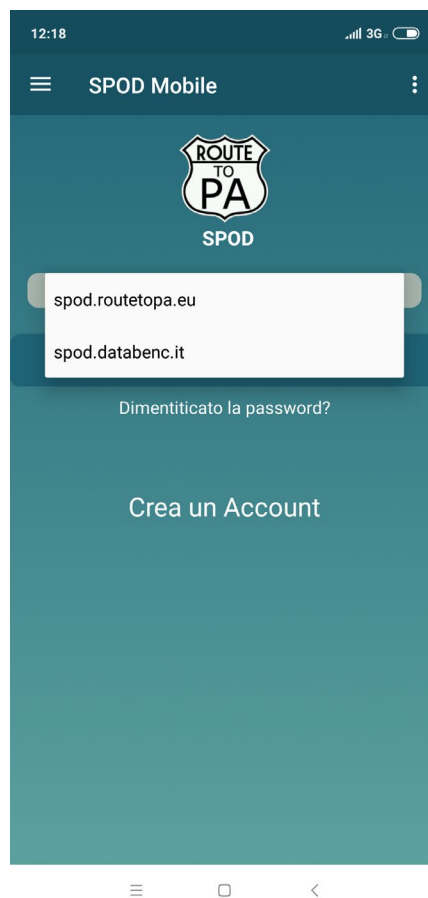
After installation, the SPOD mobile app () is available on mobile device



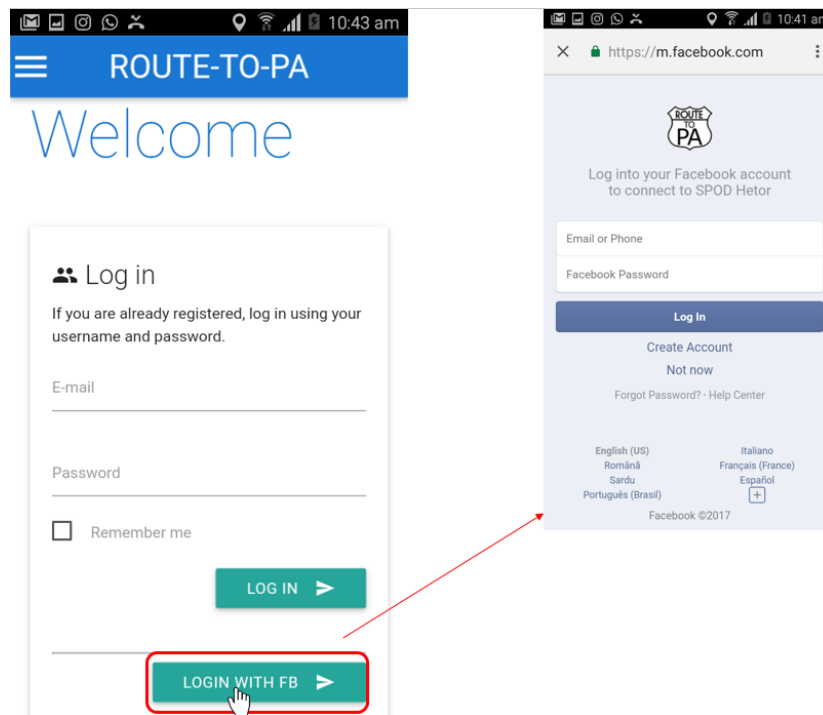
The login screen of the app allows to select (beside credentials) which SPOD server to log in. So, we will have one app that allows to log in, in different SPODs

Launches SPOD app and is prompted with a login screen

The first field allows to choice a SPOD platform (e.g.: <http://spod.routetopa.eu> or <http://spod.databenc.it/>)







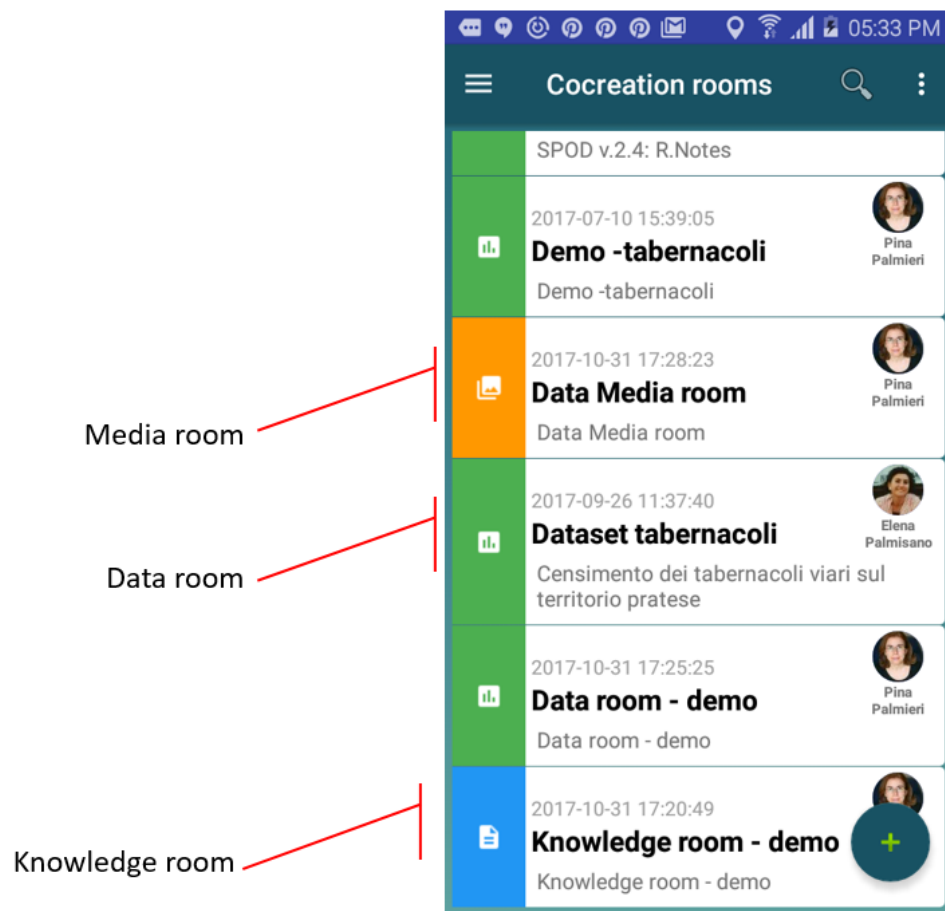
1. Tap the “Login” button to select the type of authentication (e.g., standard authentication or connect with Facebook)



26.3 AN OVERVIEW IN MOBILE


In the mobile, the following features are available:

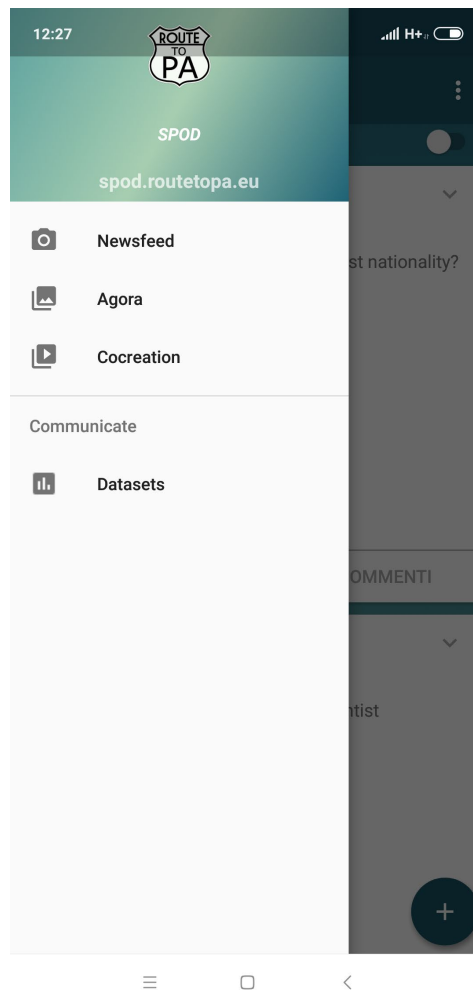
- Agora
- Cocreation
 - Co-creation data room 
 - Co-creation knowledge room 
 - Co-creation media room 
 - Commentarium room 



26.4 COCREATION: MEDIA ROOM

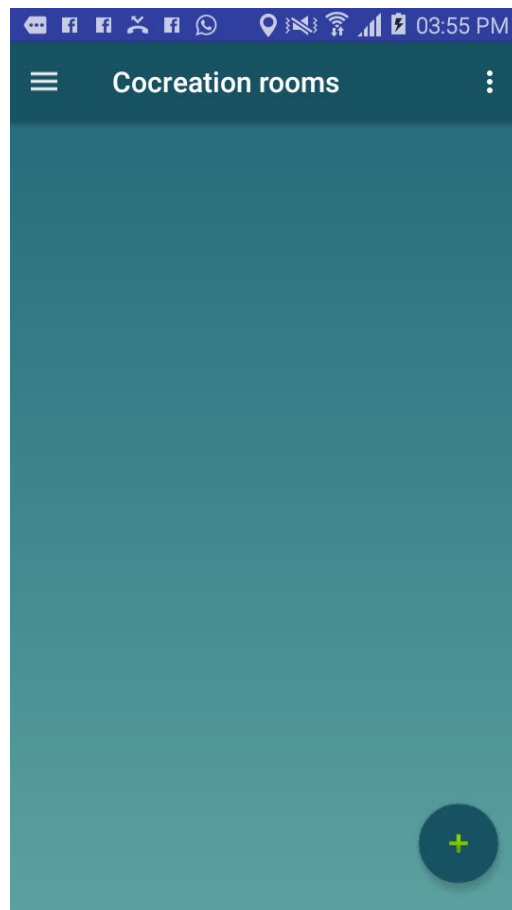
- All features: Co-creation media room

You can access several SPOD Mobile App functions on the menu page. Tap the menu icon () to view these options:



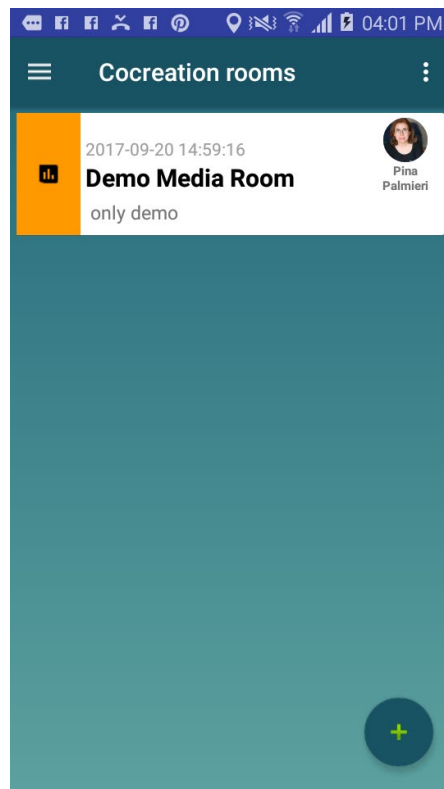
Co-creation: media rooms

- Create a **media** room that it will be synchronized in SPOD desktop version, clicking on the button on bottom left corner (+ button)

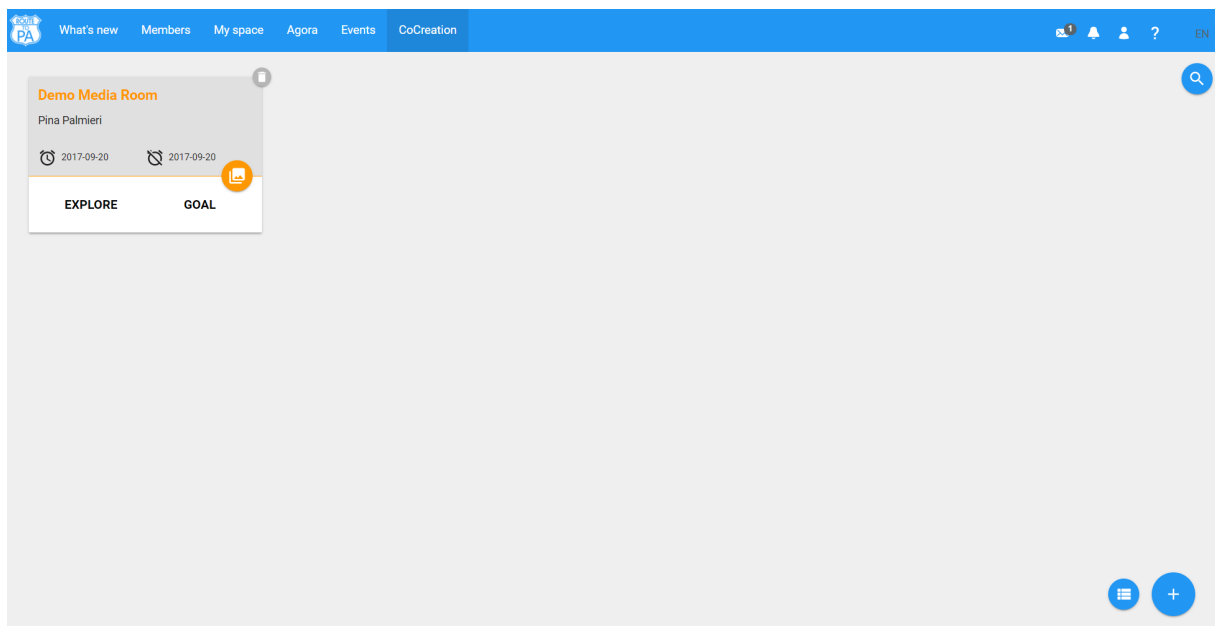


Filling the suggested fields to create a new media room (see below screenshot):

Here the new media room (see below screenshot)



In the SPOD desktop platform, you can see your media room already created in the SPOD mobile



Here you can invite users to enrich your dataset with data, clicking on the + button, on the right top corner.

The screenshot shows the SPOD desktop interface. At the top, there's a blue navigation bar with links: What's new, Members, My space, Agora, Events, CoCreation. On the right, there are notification icons and a language selector (EN). Below this is an orange bar with 'Demo Media Room' and a 'PUBLISH DATASET ON SPOD' button. A user profile icon labeled 'OWNER' is also present.

The main content area features a 'DATASET' table with columns: Title, Description, Image, Location, Date, User, and several empty columns labeled G, H, I, J, K. The table has 23 rows. Below the table, there's a pagination bar showing 'Show 50 entries' and a search bar.

At the bottom, there's a blue footer bar with links: DATA POLICY, TERMS OF USE, FEEDBACK, USABILITY TEST, VIDEO MANUAL, DOWNLOAD MANUAL, ABOUT US. On the right, there's a 'Chat 1' button.

Otherwise, you can create your media room directly on the SPOD desktop version.

In the Co-creation page of SPOD, you can add a new media room, clicking on the + button (see below screenshot)

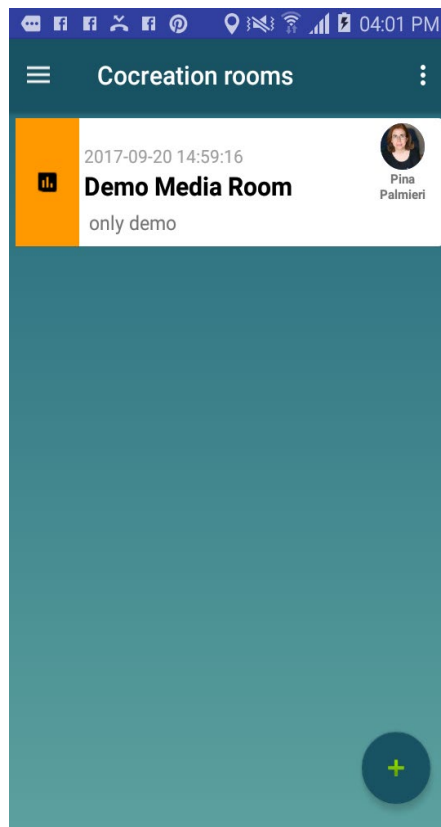
The screenshot shows the SPOD desktop interface in the 'CoCreation' section. The top navigation bar is the same as the previous screenshot. Below it, there's a 'Demo Media Room' card by 'Pina Palmieri' with dates '2017-09-20' and '2017-09-20'. The card has 'EXPLORE' and 'GOAL' buttons.

At the bottom, there's a navigation bar with icons for different sections. A red line points to the '+' icon, which is labeled 'Media Room'.

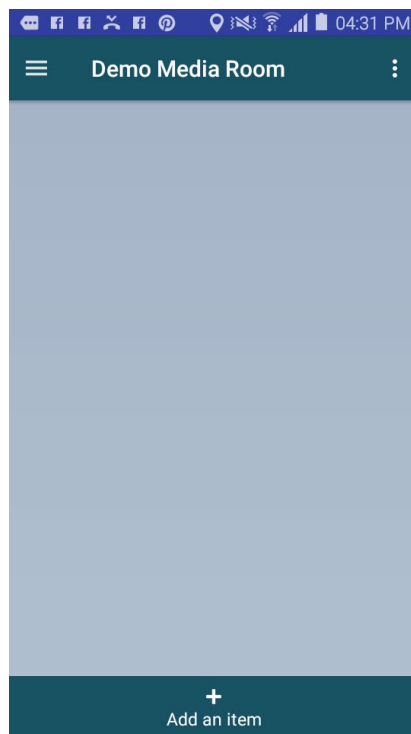
This new media room will be synchronized on the Mobile SPOD app.

Add a photo in the Co-creation media room

How add a dataset with photo, title position



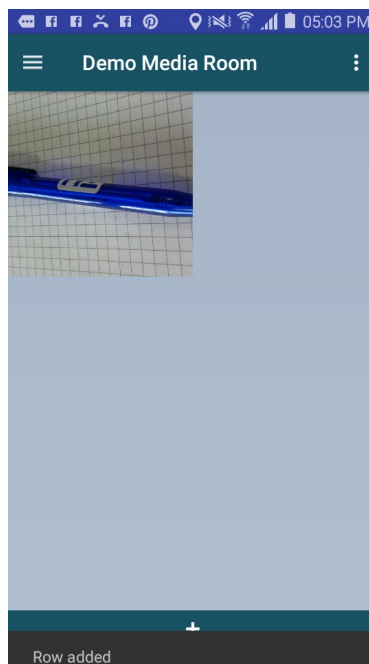
Select a media room, and click on the (+ Add an item) button on the centre bottom,



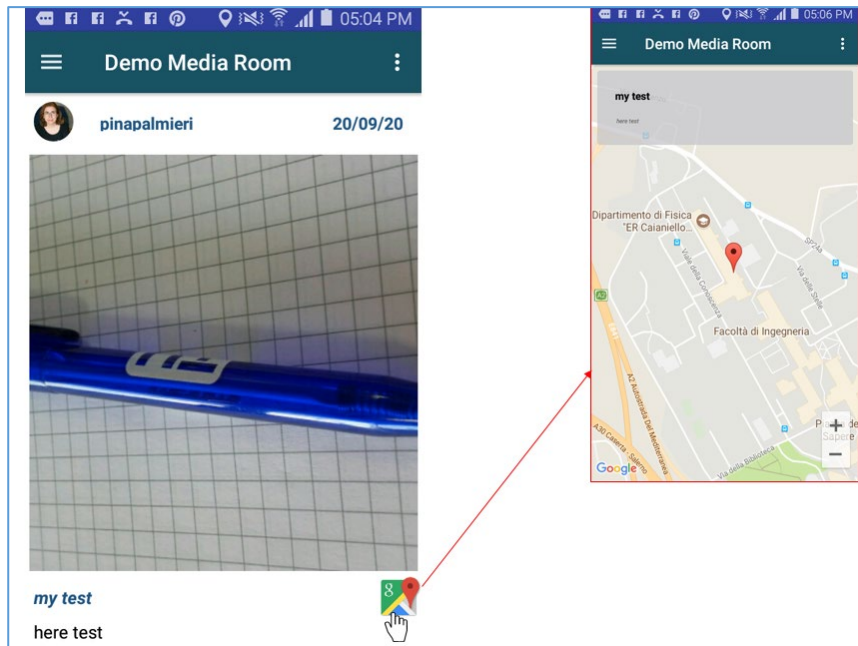
- Take a picture and then typing Title, description; an initial dataset will be create in the created room in SPOD desktop platform with other data (geolocalization data, photos)



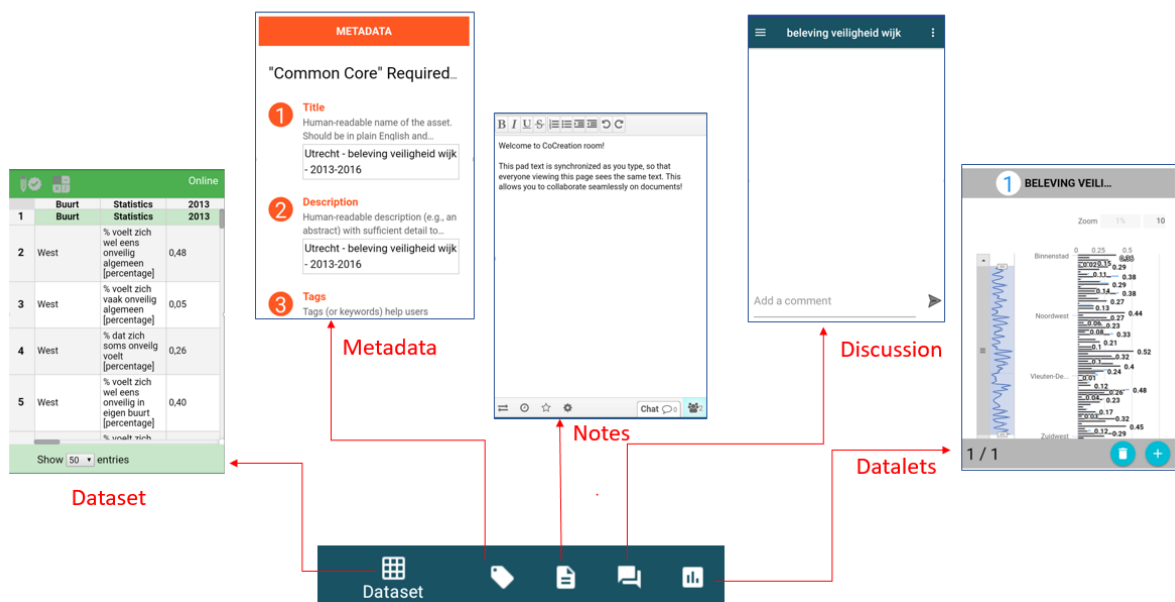
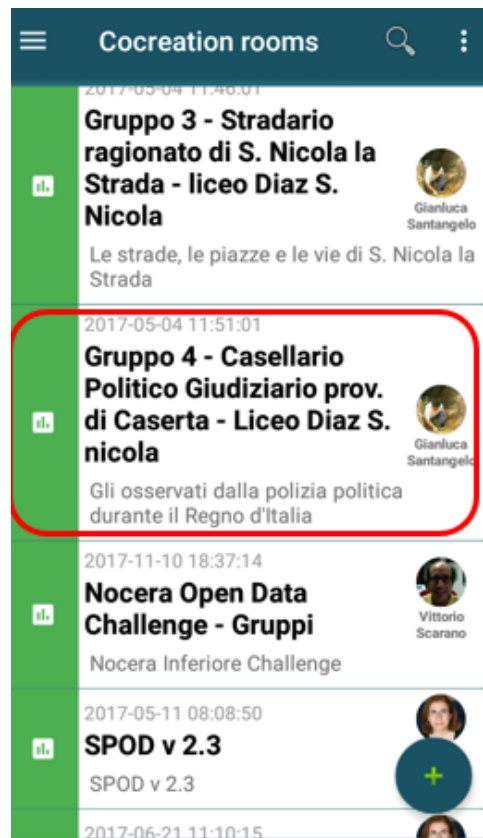
Here the first row of the dataset:




In the media room, here the first row of the cocreated dataset, clicking on the map icon of the photo (on the right bottom below button) to see the location of the photo.

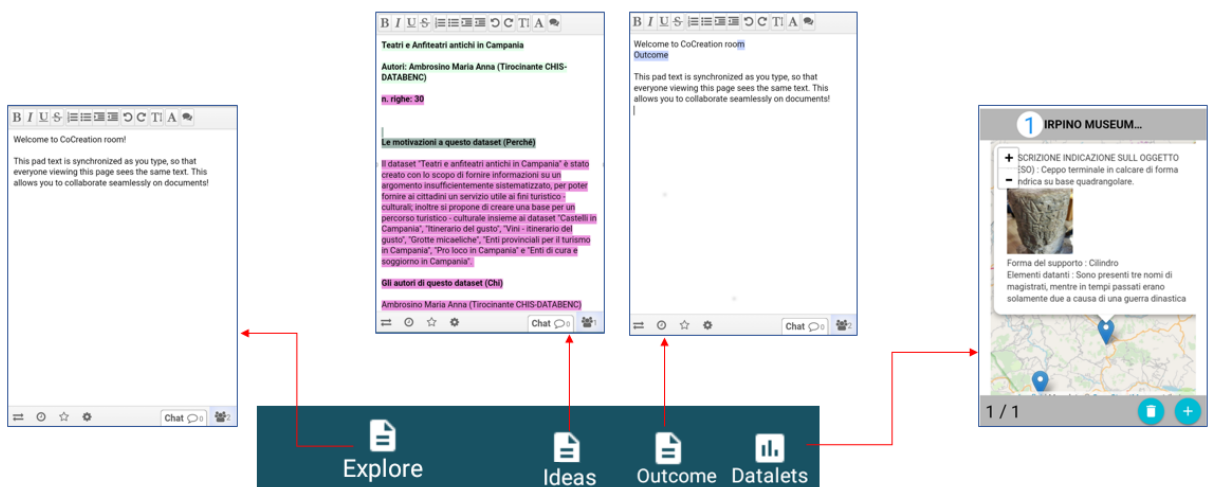
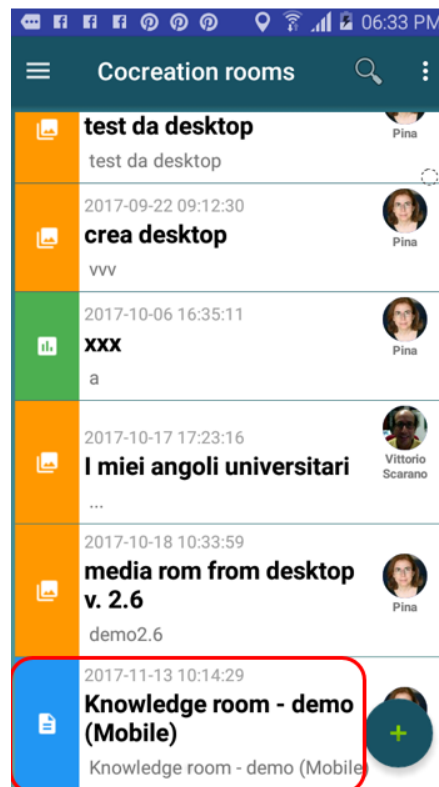


Synchronized dataset in SPOD desktop version with initial data, such as Title, Description, Location (GPS latitude/longitude information also included), Date, Image, User will be created



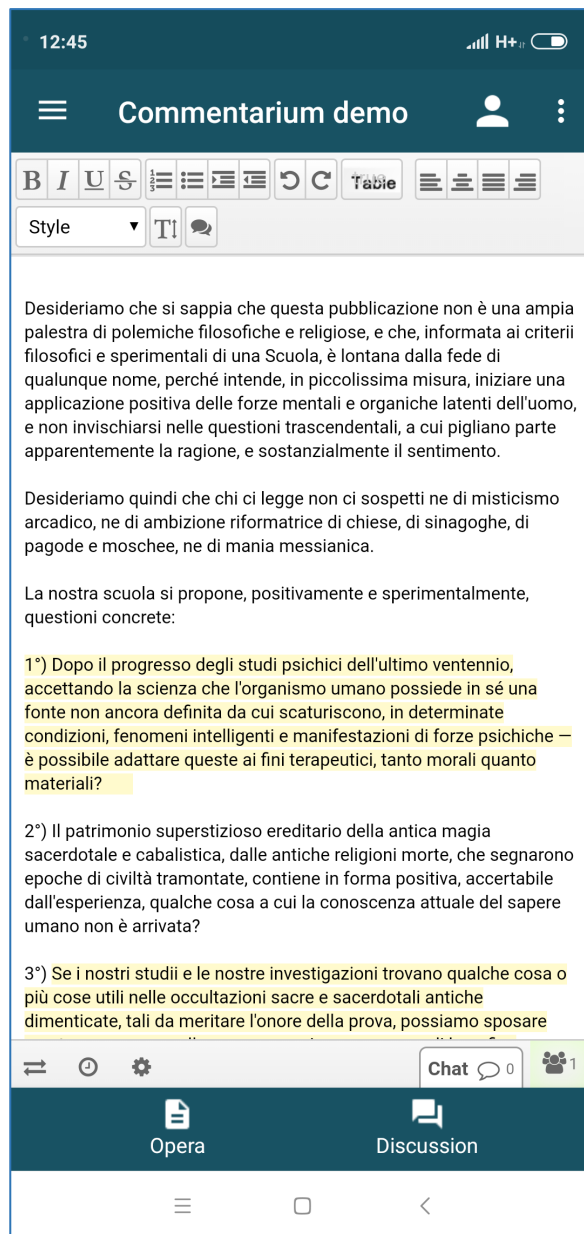
26.6 CO-CREATION KNOWLEDGE ROOM

The Knowledge Co-creation room () allows “Explore”, “Ideas”, “Outcome” and Datalets pages.



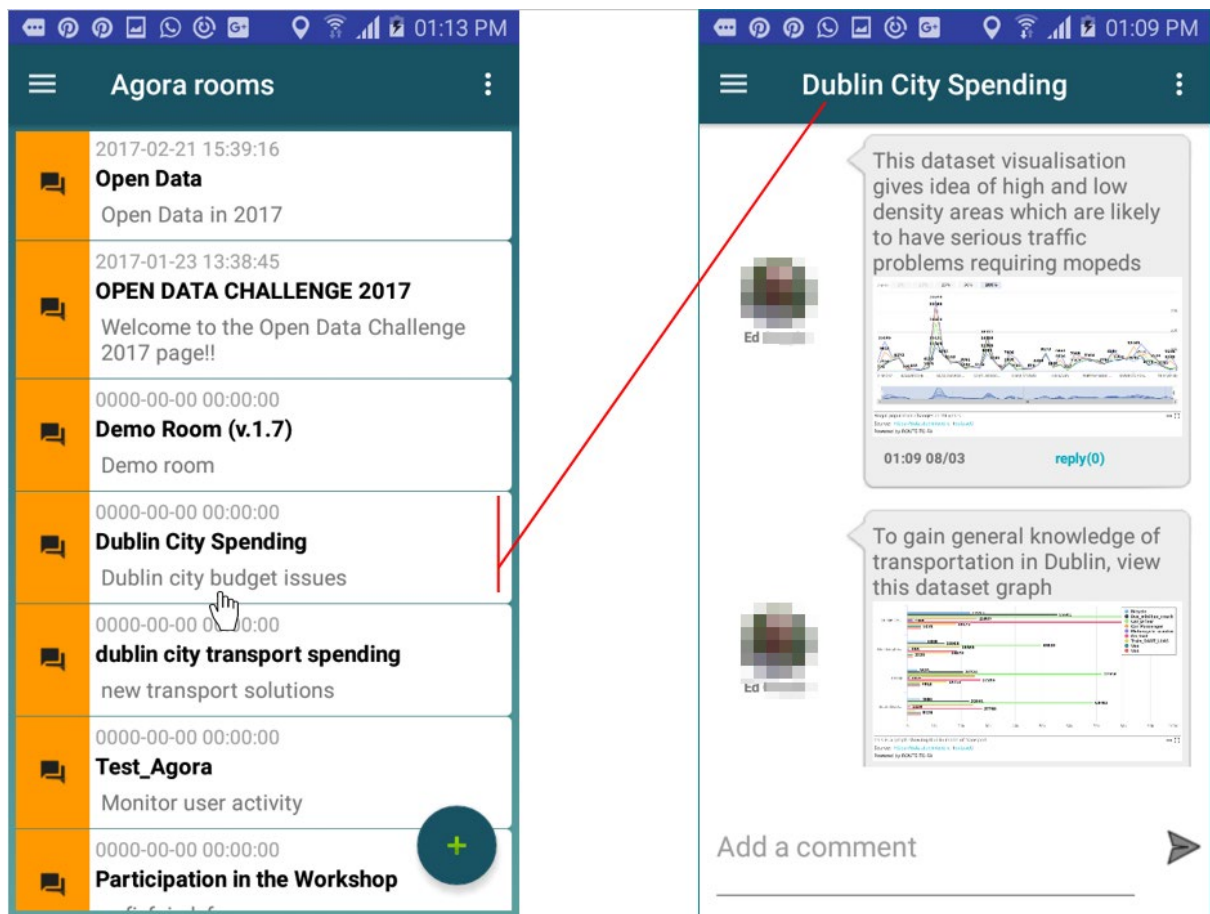
26.7 COMMENTARIUM ROOM

For more details see the section 11 of this tutorial.

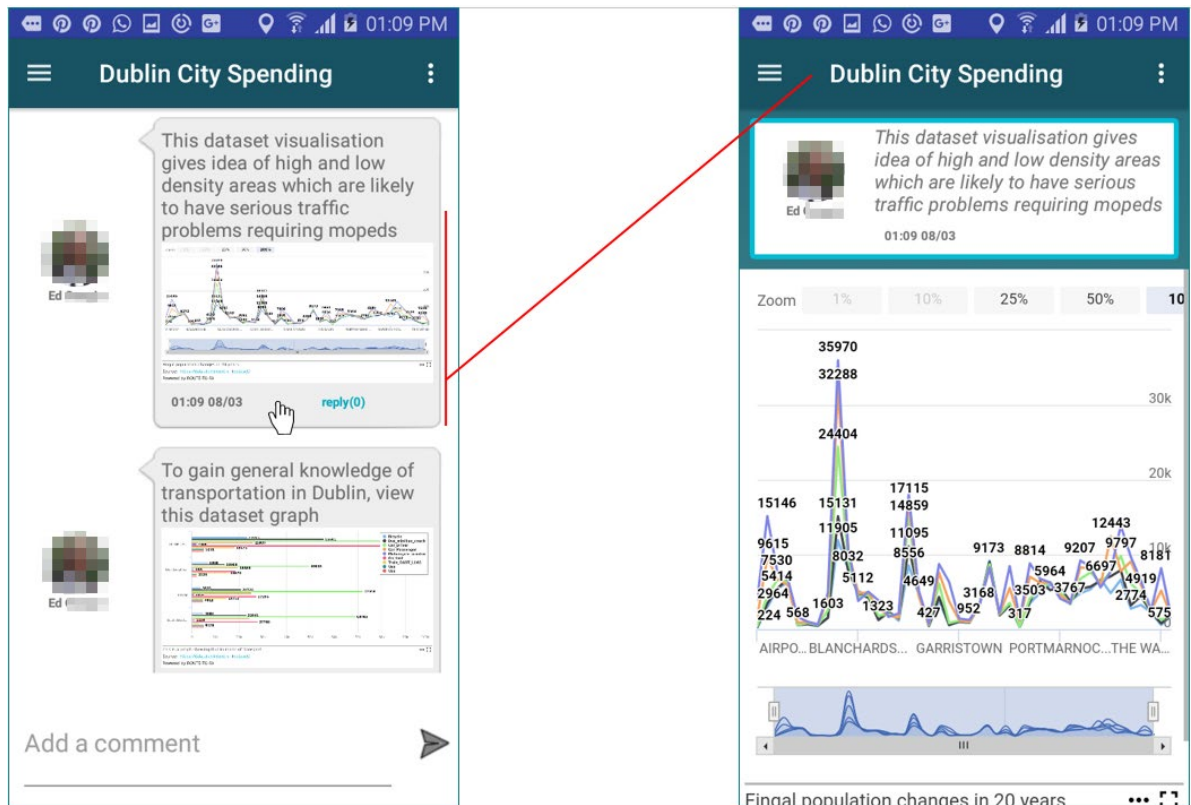


26.8 AGORA AND DISCUSSION ROOM

- Show all rooms in Agora



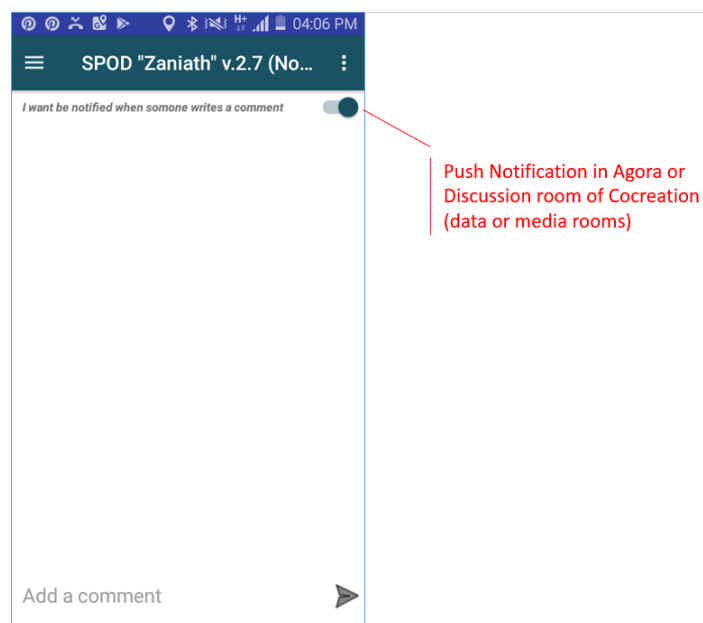
- Details about a post with datalet



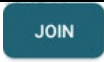

App Android v.1.1.0 allows to create only media room.

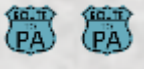

26.9 MOBILE NOTIFICATIONS

Each discussion room of the Agora or Co-creation (data or media rooms) allows to enable push notification (i.e., enable or disable the toggle button (see below screenshot)).



The list of all notifications:

Where	Notification types	Button	Setting	Push notification
Co-creation rooms	Joining a room		Every time, Every day or Every month	
	Commenting in a room			
	Invited to a room			
	New dataset published			
Agora rooms	Room creation			
	Mentioned in a discussion room			
	Post reply			

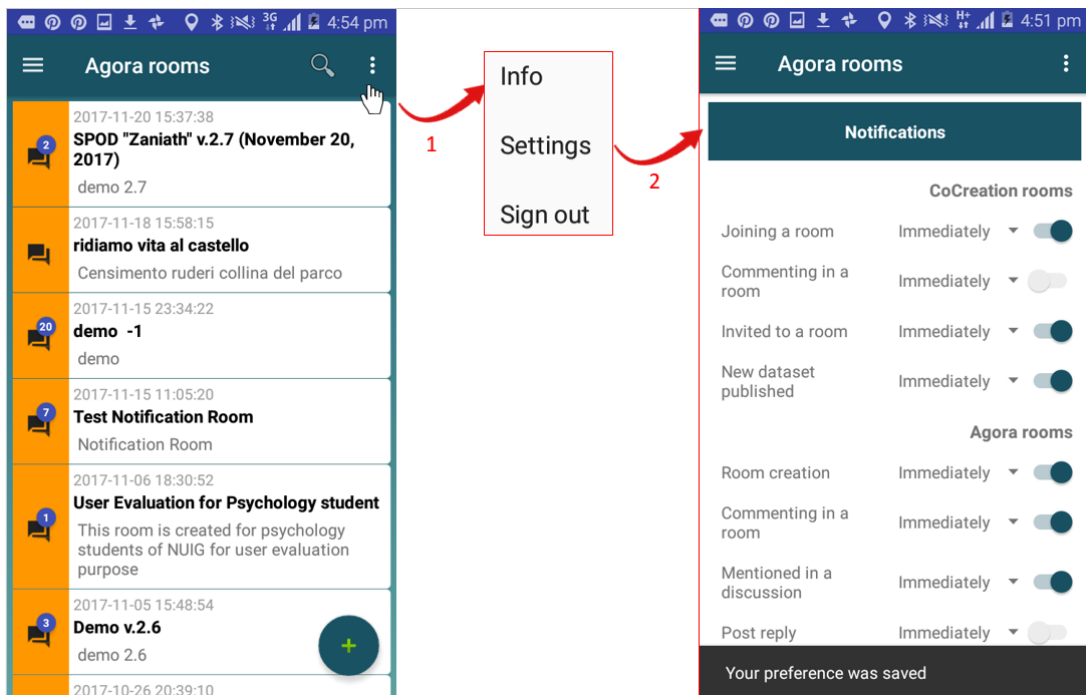
Button	Where in SPOD	How to set	Push notification
	Agora discussion rooms, Co-creation data or media rooms		
	Join to a new Co-creation room (data, media and knowledge rooms)		

Join the Co-creation room

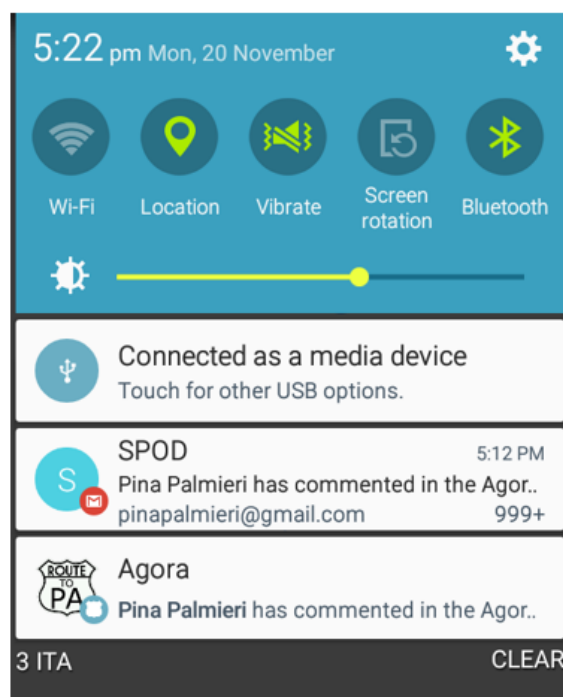
Join to the cocreation room



- How to set push notification

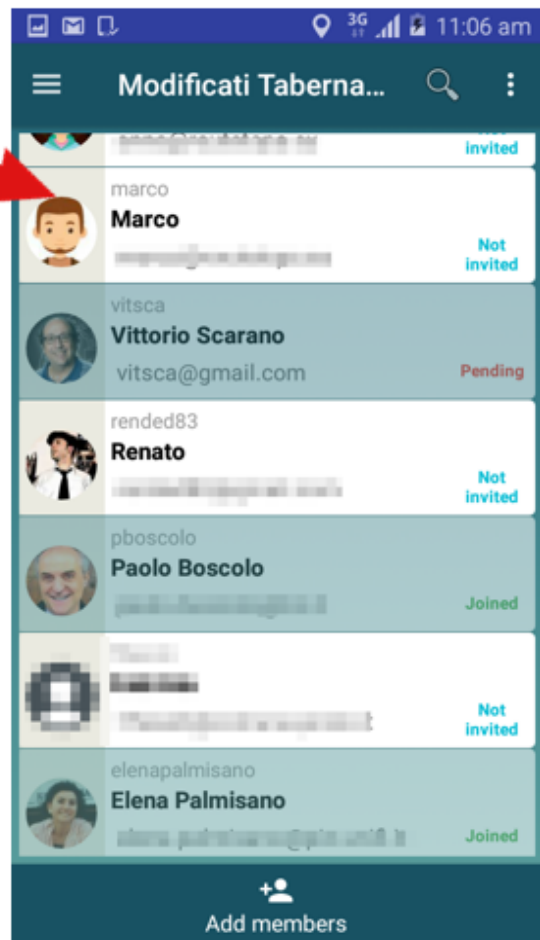


- Email and push notifications



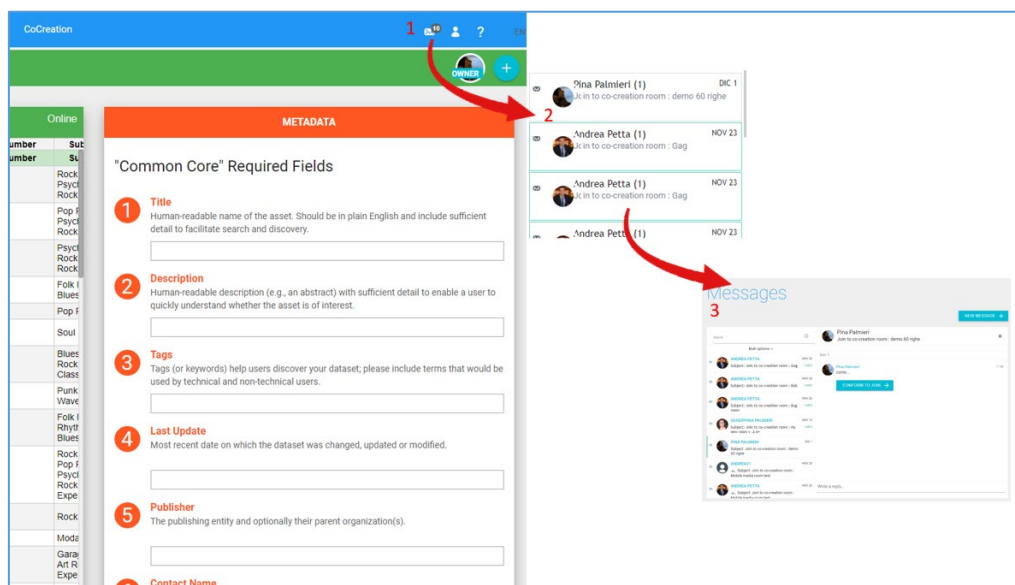
Email and Push notifications

- Invite someone to join a new room (only data room ) from Mobile application













- Invite someone to join a new room (only data room ) from desktop version of SPOD

Users can receive only those notifications which they selected to receive under own profile >> "SPOD Email notification" of their accounts.
































Glossary

A list of technological terms and icon button that will be used in the SPOD platform

Button	Technological Terms/ Name	Where in SPOD	Functionality or description
	Datalet button	What's new	Attach to a comment/post a new Datalet, with few simply steps using the wizard that assists step-by-step, through the creation (or modification) of a Datalet.
	Open My space	What's new	Import any datalet or web link from My space
	Upload an image	What's new	Upload an image file
	Map button	What's new	Attach to a comment/post a new Map, with few simply steps using the wizard that assists step-by-step, through the creation (or modification) of a Maplet.
	Associated dataset provider	What's new and Controllet	A list of open data provider suggested by the administrator.
	SPOD Helper	On top right corner of the Top Menu	In the "Open Wall" page, SPOD Helper shows the manual on line for the platform; in "What's new" page, explains how add and share a datalet, where an user can post a datalet in a comment; in "My space" page explains how create different types of cards (e.g., a text, link or datalet card), in "Agora" page is the place where each user can create a "Public room" to start a new discussion/debate that is open to all the users. In Co-creation rooms explains all features in the rooms.
	Add suggested dataset	Agora	The owner of a room can add a new suggested dataset
	Email notification	Public room	The room with enabled button allows to keep track of discussion to receive notification via e-mail
	Messages	Public room	Notification of upcoming messages in the discussion room
	Search	Public room	Search in the discussion room
	Datalets graph	Public room	Datalets graph is graph of datalets, where each node represents a datalet, and edges

			join datalet that uses the same dataset (but possibly with a different visualization).
	Open My space	Public Room	Import any datalet or web link from My space
	Upload image	Public Room	Upload a photo or pdf document in a post of the a discussion room of Agora
	Users graph	Public room	Users graph is graph of users, where each node represents a user that is participating in the discussion, and an edge joins to users that interacted (one answered a comment of the other).
	Comments graph	Public room	Comments graph shows interaction among users
	Opinions graph	Public room	Opinions Graph is the comments graph with the all the green (agree) adjacent comments are emphasized and grouped together
	Add	Agora and My space	Add a new room or add a new card
	Link card	My space	Add a link in My space
	Text card	My space	Add notes in My space
	Open Data Visualization	My space	Preview of a card in My space
	Maplet	My space	A wizard allows to create a map (geo data formats including GeoJSON and OSM XML)
	Create a Decision Tree	My space	Add a decision tree in My space
	Modify card	My space	Modify a card
	Delete card	My space	Delete a card
	Opinion Button (Neutral)	Public room	Every time you add a new post in the chat, you can express you opinion by selecting from the Opinion Button: Neutral (Blue colour node in the graph)
	Opinion Button (Agree)	Public room	Every time you add a new post in the chat, you can express you opinion by selecting from the Opinion Button: Agree (Blue colour node in the graph)
	Opinion Button (Disagree)	Public room	Every time you add a new post in the chat, you can express you opinion by selecting from the Opinion Button: Disagree (Blue colour node in the graph)

	Sentiment button	Public room	Add a reaction to a post with Agree/Disagree and Neutral sentiment
	Info about the room	Co-creation room	You can take a look at all information (e.g., Owner, Subject, Description etc.) of a new created room
	Open Button	Co-creation room	Every time you add a new dataset in the Co-creation data room, you can see any dataset in the Co-creation room
	Download as CSV Button	Co-creation room	Every time you add a new dataset in the Co-creation data room, you can download the dataset as CSV file
	Copy link Button	Co-creation room	Every time you add a new dataset in the Co-creation data room, you can copy and paste the address (URL) of the dataset
	Download docs Button	Co-creation room	Every time you add a new dataset in the Co-creation data room, you can download the notes of the dataset as html file
	View all dataset Button	Co-creation room	You can take a look at all datasets created in the Co-creation data room and published in the SPOD platform
	Add a Co-creation data room Button	Co-creation data room	You can create a new Co-creation data room
	Add a Co-creation knowledge room Button	Co-creation knowledge room	You can create a new Co-creation knowledge room
	Add a new media room for Mobile app	Co-creation media room	You can create a new Co-creation media room for mobile app
	Add a Co-creation commentarium room Button	Co-creation commentarium room	You can create a new Co-creation commentarium room
	Open menu	Agora, Co-creation room	You can open a menu by clicking the upper-left corner
	Dataset	Co-creation data and media rooms	You can write a shared spreadsheet to enter data, to import and export a document in CSV format.
	Metadata	Co-creation data and media rooms	You can add metadata to the dataset.
	Note	Co-creation data and media rooms	You can add notes to the dataset (e.g., fonts, bibliography etc.)
	Discussion	Co-creation data and media rooms	Discussion room and notifications: in discussion room, a new message is notified with an icon with the counter of number of received and unread message.

	Datalet	Co-creation data and media rooms	You can create interactive map or others charts (e.g., table, histogram etc.) of a dataset (named datasets).
	Form	Co-creation data room	The owner of the room can create a form
	Info about the room	Co-creation data and media rooms	You can take a look at all information (e.g., Owner, Subject, Description etc.) of a new created room
	Gallery of photos	Co-creation data room	Gallery of all uploaded images in a Co-creation data room
	Members	Co-creation rooms	List of invited members in a co-created room
	Split screen	Co-creation data room	You can choose the type of display, i.e. you can view one at a time (e.g. only the spreadsheet) or two features at the same time (e.g. the spreadsheet on the left side and discussion room on the right side).
	Publish dataset	Co-creation data room	
	Import from SPOD	Co-creation data room	A wizard allows to choose a dataset from open data provider (stored in the SPO platform) or from the created published datasets in the SPOD platform
	Publish on CKAN	Co-creation data room	Only a user with “publisher” role can publish on the CKAN open data
	Add a new user	Co-creation data room	You can invite new users to the room
	Preview of an added datalet	Co-creation data and media room	You can see the preview of datalet
	Email Activity Notification (Every time, every day or every month)	SPOD activity notification in Agora or Co-creation rooms in desktop version	Different ways to receive email alert
	Join to Co-creation room	Invited in a data or media room of Co-creation	