

# SYGEM Map tutorial

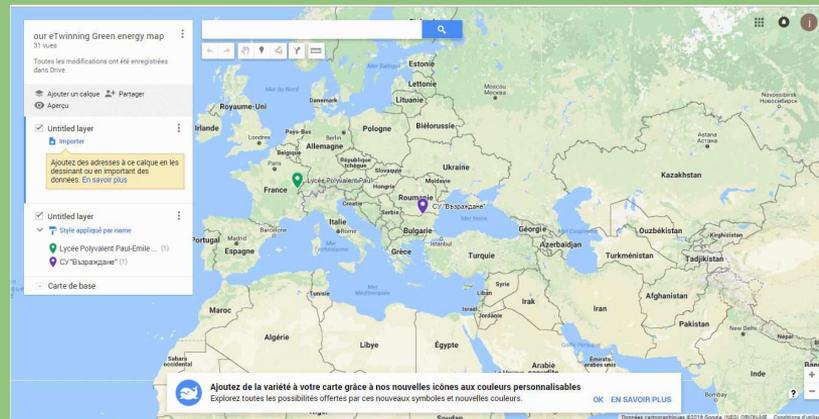
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V3

03/11

## In 10 steps:

- 1/ Join
- 2/ Google account
- 3/ My google map
- 4/ Layers
- 5/ Attached Information
- 6/ Photos
- 7/ Videos
- 8/ Countries map Sharing
- 9/ Check specific informations
- 10/ Enjoy sygem maps



*(Actual European map)*

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## 1/ Join

- Each teacher will have to add their student members (one pupil = one member).
- Local regions (1 or 2) will be chosen by teachers for the teams in their class (one region = one map).
- Each member can pin the particular power plant on the same map.
- Several members can work on the same power system.

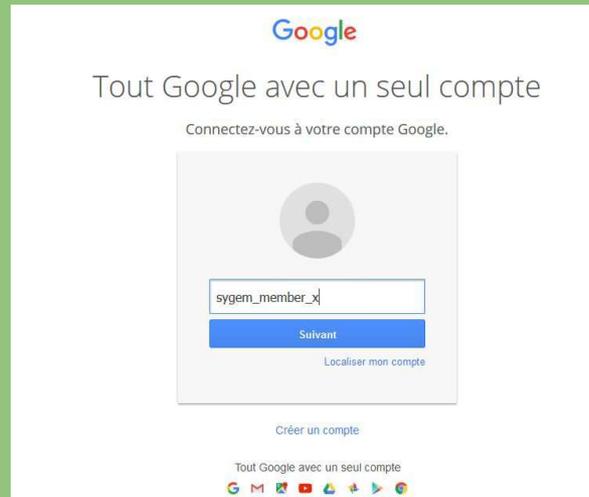


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## 2/ Google account

- Use your google account or create a new one to be able to use google tools ( drive, maps, slide...).



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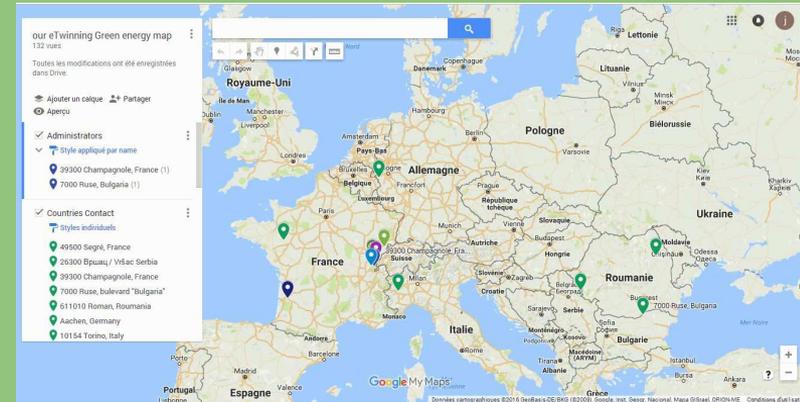
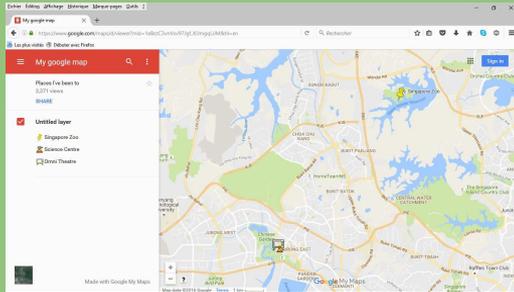
01/11

## 3/ My google map

- Each member **will use the shared “google map”** to describe the green region chosen (**validated by teachers**).
- A green region can be updated online (*new layer or new power system*) when the member is on the internet and has been invited by the teacher to share a map.

1/ Sign in

2/ Each member will be able to work online on the European google map

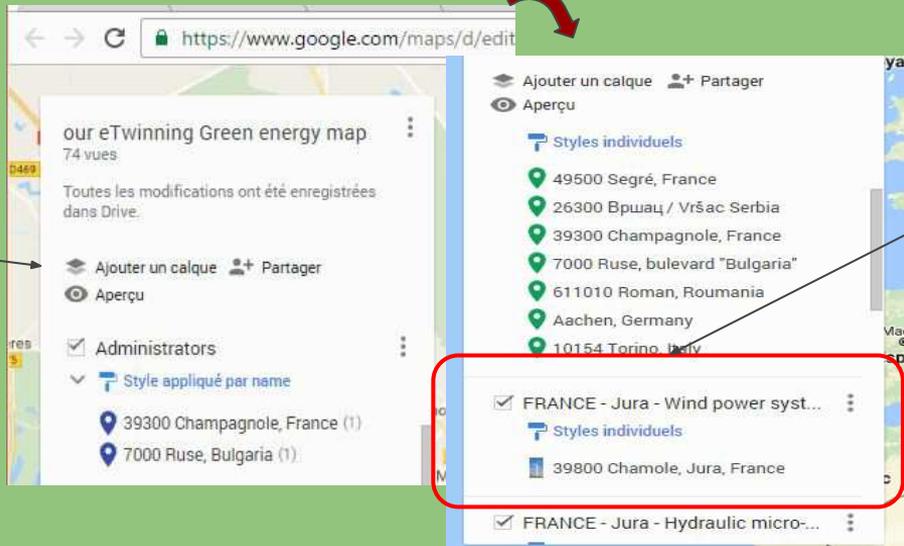


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## 4/ Layers

- It is easy to set all kinds of power systems on the google map together or separately in the map layers.

**1/ First**, add a layer for one type of power system



Exemple:  
A new layer, just for "wind power systems in Le Jura (France)"!

**Libel title:**  
"Country" - "région" -  
"type of power system"

**3/ Use a specific icon** for your new power system (slide 14).

Example:



**2/ click there**



to locate a power system in the map ([slide 12](#)).

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## 5/ Attaching Information

- Specific information can be attached through a link to the power system in the frame on the google map mark (*slide 14*).
- Photos and videos and all documents (slides, pdf, mind maps, ...) can be saved on the member's own google drives through the link provided.

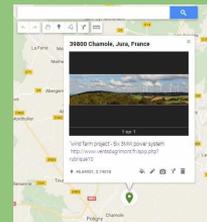
### NB1:

*Information will be provided in 3 levels according to pupils' skills:*

- *simple (type of the power system, location, photos, vidéos)*
- *medium (voice introducing added, power installed, production/year)*
- *technical (schematic diagrams)*

### NB2:

*How to add information on the power system frame => [click here](#)*



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## 6/ Photos

- Photos taken personally are required, however other photos (from friends are accepted) if a visit is impossible (mind the licence policy).



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## 7/ Videos

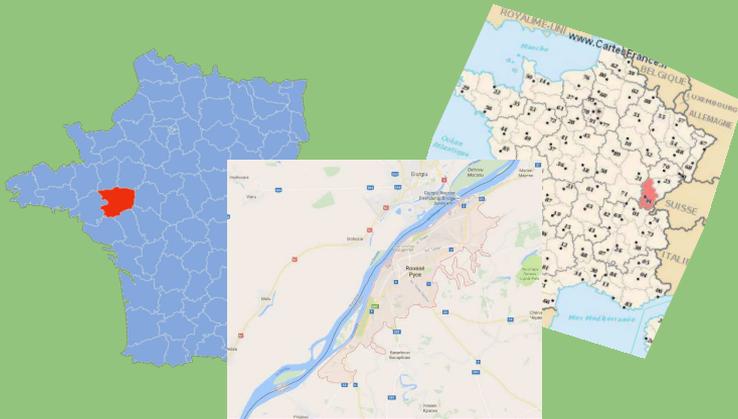
- Short personal videos are required (**2mn max**), however other videos from friends are accepted (mind the licence policy).
- Member's voice to introduce the power systems are welcomed (**2mn max**).



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## 8/ Countries maps sharing

- After the preparatory weeks (3 times for the project “s1”!) each teacher will update the European map using members’ layers results.



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## 9/ Check specific informations

*Classified into three levels*

- *simple (type of the power system, location, photos, videos)*
- *medium (voice introducing added, power installed, production)*
- *technical ( diagrams and charts)*

=> Fill the quiz frame (on twinspace) to organise information for the European sygem friends. **[draft...]**



Our  
Country



Your  
Country



Countries quiz will be used by other European friends to know about each other and maybe, the closer ones can visit your green sites !

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## 10/ Enjoy SYGEM maps

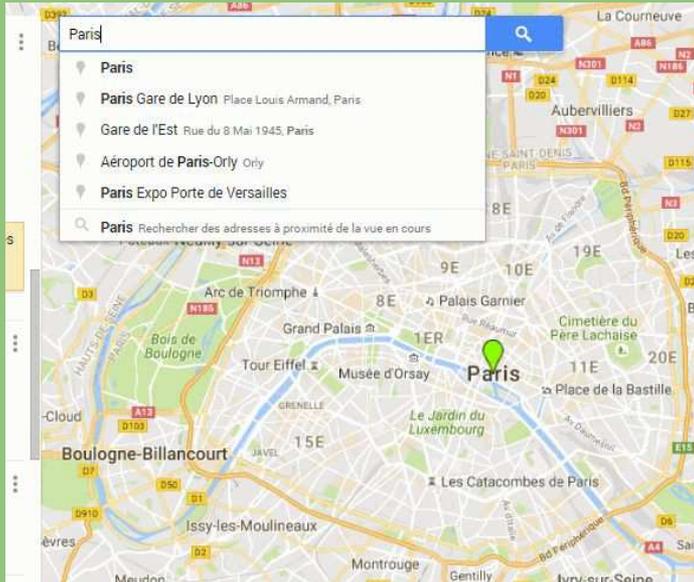
- A useful thing is a thing of use!  
=> share with friends, siblings, parents with the sygem\_apps to show them the local or European map you've built (applying your voice, photos or videos) and invite them to join the SYGEM project as visitors.



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## Annex 1 : How to locate a power system in the map



=> SPG coordonate?

Try to have it trought another tag on the net...

A screenshot of a website titled "www.coordonnees-gps.fr/monuments/notre-dame-de-paris". The page displays the following information:

- Monument : Notre-Dame de Paris
- Adresse : Rue du cloître Notre-Dame 75004 Paris
- Département : 75
- Téléphone : +33 (0)1 53 10 07 00

Below this information, there are input fields for "Adresse" (containing "Notre-Dame de Paris, Paris Notre Dan"), "DD (degrés décimaux)\*", "Latitude" (48.8533289), and "Longitude" (2.348894200000018). There are buttons for "Obtenir les coordonnées GPS", "Obtenir l'adresse", and "Obtenir l'altitude". To the right, a map shows the location of Notre-Dame de Paris with a red pin and a tooltip displaying the coordinates: "Notre-Dame de Paris, Paris Notre Dame - Place Jean-Paul II, 75001 Paris, France X Latitude : 48.853329 Longitude : 2.348894". At the bottom of the page, there is a cookie consent banner and an "OK!" button.

=> Type the location name or the “SPG coordonate” on the search frame and save it.

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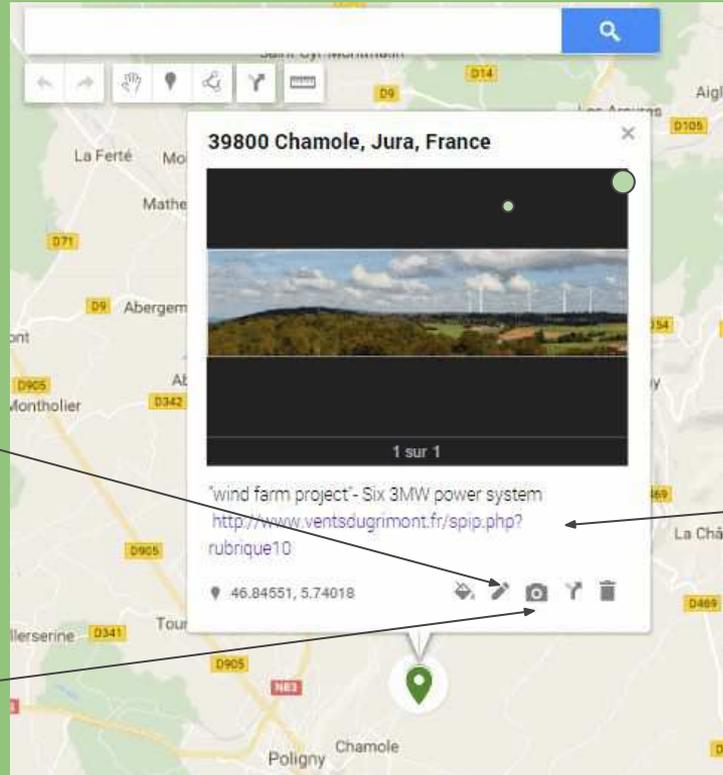
## Annex 2 : information frames

After a right click on the google mark



1/ Click here to modify the frame

2/ click here to add a photo



A "just added photo" (step 2)

3/ Write here to add simple informations and/or a link to reach an external information page

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## Annex 2 : legend

Colors / Icons	Correspondance	actual numbers
Blue 	Administrator	
Green 	Coutry members	
	Wind system	
	Solar system	
	Micro-hydraulic system	
	Hydraulic system	
	<i>... other power system</i>	