

WG Projects Data Tools & Technologies

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Summary

- International meetings (Interoperability)
 - **Projects** metadata
 - **Observations** metadata
 - Future collaborations
- Project development (example)
 - Biodiversity portal(natusfera.gbif.es)
- Next actions. “Interoperability exercise”

International meetings

- Interoperability

- **Projects:** How to share projects information

- **Observations:** How to share observations information



ECSA @EuCitSci · 3d

What information would you like us to be sharing on our ECSA Twitter channel?

ECSA news & events ✓ 40%

ECSA Member news & even... 13%

EU CitSci Policy News 0%

EU CitSci Project News 47%

Project development (example)

natusfera.gbif.es



Natusfera is a portal whose main goals are:

- to provide observations for biodiversity monitoring
- to facilitate the development of projects at different scales (global, local, personal, etc.) and integrating them into a network of global observations (GBIF)

*Natusfera is
opensource and
based on iNaturalist*



HOW DOES IT WORK



Take pictures of your observations



Share with other naturalists



Exchange information

Natusfera services

- Opens services for (ECSCA) users
 - Services for creating **your own projects**
 - Very simple:
 - Define de working area
 - Set up parameters (Project tittle, type,)
 - Start adding (and sharing) observations !

Natusfera. Projects example (I)

- Projects Join this project



Diatomees marines i d'aigua dolça



Ferran Jimenez

Observations / Map 14 observations
Atom / KML / CSV

Checklist 1 of 1 taxa observed

Journal

Members View all members -


Stats

About
Identificació d'espècies de diatomees en qualsevol torrent, riu, llac, zona marítima, siguin actuals o fòssils

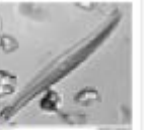
Like Share

Ferran created this project on October 01, 2016
Is this inappropriate, spam, or offensive? [Add a flag](#)


Results Search Views Map Table

Surirella spiralis 


Observer **ferran**
Date **September 24, 2016**
Place **Torrent de la Goda, Argençola, Anoia, Barcelona (Google, OSM)**
View -

Gyrosigma acuminatum 

Observer **ferran**
Date **September 24, 2016** 2 photos -
Place **Torrent de la Goda, Argençola, Anoia, Barcelona (Google, OSM)**
1 ID | View -
Project curator ID : **Gyrosigma acuminatum**

Perissonoë crucifera 

Observer **ferran**
Date **June 14, 2016**
Place **Oceà Índic, Illa Maurici (Google, OSM)**
View -

Vikingea gibbocalix 

Observer **ferran**
Date **June 14, 2016**

Feeds: [Atom](#) [KML](#) [Export](#) [CSV](#)

Natusfera. Projects example (II)

← Projects

Biodiversitat marina de les platges de Barcelona

Join this project

Add observations to this project



» Observations / Map 51 observations

Atom / KML / CSV

» Checklist 34 taxa observed

» Journal

» Members 4 members



View all members »

» Stats

About

La finalitat del projecte és poder compartir amb la resta d'usuaris les observacions de biodiversitat marina de les platges de la capital, per tal de donar a conèixer la seva riquesa i sensibilitzar sobre la necessitat de preservar la presència d'una gran varietat d'espècies.

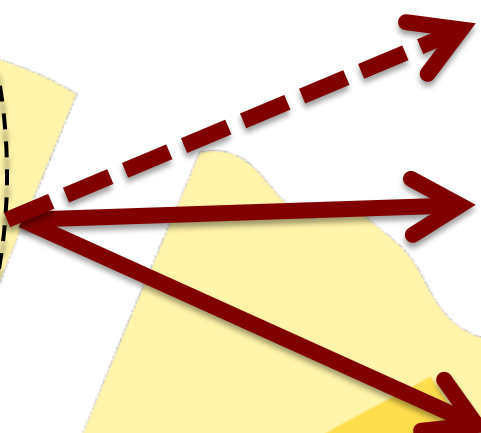
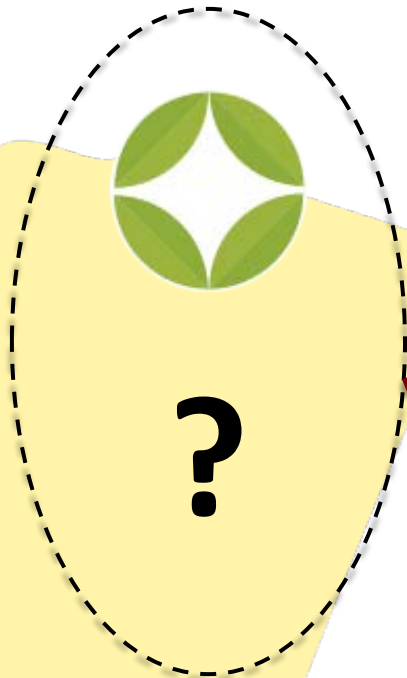
WG Meeting. Next future actions

Focus on Project interoperability

Users create projects
(local level)



Projects are updated
automatically
in global databases



*Requires
Portal
Development*



Project interoperability. Next steps (I)

- Announcement of this decision to the rest of ECSA WG participants
 - Create a list of existing platforms that will contribute in this "interoperability exercise"
 - Create the list of organizations may help
- Define project metadata core and optional fields
 - Shareable document with project metadata field description
- *Results by the end of February*

Project interoperability. Next steps (II)

- Shareable document with project metadata field description. Revision process
 - COST meeting (6th of March)
 - Teleconference WG participants
 - OGC meeting (22nd of March)
- Final reference document to be used for portals development (*end of April*)
 - Natusfera (+ other portals) will start adapting their project metadata and API
 - The reference document (and on-going results) will be presented in the CSA conference

Project interoperability. Next steps (III)



- ECSCA portal development
 - First proposal (SPOTERON). End of February
 - March. Revision process
 - April. Implementation (tbd)