

# The Europlanet IDIS inventory system

## Status

The resources inventory system is not finished yet and will need about 1 month more to be completed.

Special thanks to C. Feugeade (new Europlanet secretary at CESR Toulouse) who helped greatly in the data acquisition (key-boarding)

There were 3 steps in the inventory process :

- 1) Inventory of **Participants** & associates : about 70 in the system
- 2) Inventory of **People** : about 80 in the system
- 3) Inventory of **Resources** (linked to institutes and people) : submission form is nearly ready (no resource submitted yet)

Steps 1 and 2 were necessary before proceeding to the Resources inventory (step 3) because resources have to be linked to institutes and people.

Thanks to these 2 first steps, we now have a website for IDIS and a useful and practical Europlanet directory available.

## Login

**Now, temporarily**, 2 logins for 2 different profiles :

- **"regular" login ("idis") : CONSULTATION ONLY**
- **"administrative" login ("idisinput") : so that you can all contribute temporarily to institutes + people inventory**

**Soon, definitively**: individual logins

The 2 current logins ("idis" and "idisinput") will soon disappear and be replaced with individual logins (each user will have his own login) :

**login = your email**

**pass = your choice**

Each user will have limited rights on the system and will be able to :

- register himself (but not someone else), modify his own registration details, and even unregister himself
- submit some resources, and modify/delete **ONLY** the resources that he has submitted himself (not the other users resources)
- add new institutes, and modify/delete **ONLY** the institutes he has submitted himself
- add new keywords (for resources description) : yet, this will be submitted to a validation process, so that the list of keywords remains consistent

## **ONLINE DEMO**

***2 logins (2 profiles)***

***Consultation (available with both logins) :***

***Contribution ("idinput" login only)***

**Points and Procedures to be discussed**

***Resource validation ?***

**Email sent to EPN validators + Science Cases contacts**

**Possibility to invalidate/delete a resource**

***2 EPN contacts per institute (at least 1 must be available)***

Note : the contacts have to be registered in the IDIS website.

### ***Users registration***

We cannot allow just anybody in the world to register into the IDIS website, thus registration will be completed in 3 steps :

- 1) **Registration** : a user registers himself → he is told that his registration has been submitted to validation by a Europlanet validator
- 2) **Validation** : Europlanet validators receive an email to inform them that a new user has registered. This email contains 2 links :
  - a link to validate this registration
  - a link to invalidate this registration
- 3) **Confirmation/Rejection email** : once his registration has been validated (or invalidated), the user receives an email telling him that he can (cannot) now connect to the website.

### ***New keyword submission (by a user)***

We cannot allow users to add a new keyword into the IDIS inventory system that would not be consistent with the existent keywords list.

But, the list of keywords will have to evolve in time, and users are the very people who know exactly what are the new keywords they need.

→ good compromise : allow a user to submit a new keyword but submit it to validation by the EPN validators :

- 1) A user adds a new keyword to describe a resource : he is authorized to submit the resource with the new keyword (whatever is this new keyword). The new keyword is added to the official list of keywords and visible and usable to all other users also.
- 2) EPN validators receive an email informing them about this new keyword and his contributor. This email contains only 1 link for REJECTION of the keyword.
- 3) If a validator clicks on this link :
  - the keyword is temporarily hidden from the official keywords list (not visible anymore by anybody)

- the keyword contributor receives an email informing him of its rejection and giving the email address of [europlanet-validators@cesr.fr](mailto:europlanet-validators@cesr.fr), that he can use for discussion with the validators.

4) If after discussion, the validators decide to accept anyway the new keyword, they can validate it from the IDIS website

5) Once the rejected keyword has been validated by the validators, it becomes visible and usable again by the users.

6) The validators can decide later on to reject again this keyword → go to step 3 again

### ***Should there be some parts of the IDIS website accessible without any login (public access) ?***

Default is public

→ Institutes directory

→ People directory (with incomplete emails or without emails...)

→ The list of Europlanet activities (N1 – N7)

→ The ability to search all resources ?

Science cases

### **General N7 TODO list :**

***Define a list of IDIS validators : IDIS experts ? G. Chanteur + ... ?***

***URGENT : make a first Keywords list***

***Resources first step inventory from previous questionnaire (C. Feugeade)***

***Users registration (All)***

***Resources second step inventory (All registered users) : users will be able only to modify/delete the resources that they have entered in the IDIS system (not the resources provided by other users)***

***Google Mini (C Pépin : +353.15.43.15.57)***

### **Test it**

We could very well use it to index a set of EPN websites or a set of specific web pages (and all their documents content).

Then we would have a unique web interface (Google like) to search all these resources by keywords.

TEST Administration console :

<https://gsa12.enterprisedemo-google.com:8443/EnterpriseController?hl=en>

Accept the Google certificate

then, enter username/password : epallier/cesromp

To test the research, click in the top right corner on [Test Center]

Make some searches with keywords (like Titan Cassini)

## **Cost**

The Google Search Appliance solution is too expensive (starts from \$30 000)

The Google Mini solution :

The cost is :

- 1) \$2000 for 50 000 indexed references.
- 2) \$3000 for 100 000 references
- 3) \$6000 for 200 000 references
- 4) \$9000 for 300 000 references

I think the number 2 solution is the most interesting one, and could be sufficient for the EPN inventory.

As I said before, if we used this solution

compared to the current "database" solution, we would miss some information like :

- who is in charge of the resource
- which lab it belongs to
- really pertinent keywords
- which resource is associated with which other (like a document resource would be associated with

the datasets that were used to make it...)

...

**Nb of links : about 100000**

**Can this be financed during FP6, or should we wait until FP7 ?**

**My TODO list (E. Pallier) : about 1 month of work**

***Start of collaboration with Graz ?***

***Create a "euromet-validators@cesr.fr" mailing list***

***Project modifications as decided in this meeting***

***Finalization of the resource submission form + compacting (make it fit in only 1 screen with 2 columns)***

***Keywords management : create + update + view***

***Hierarchical keywords lists :***

**Mission (2 levels) : Agency - Mission**

**Target (3 levels) : Target type (planet, TNO, dusts...) – Target name or subtype (Saturn, Moon... ) – Target name**

1<sup>st</sup> level : Planets, TNO (Trans Neptunian Objects) , Asteroids, Comets, Dusts, Moons, Exoplanets, Rings

2<sup>nd</sup> and 3<sup>rd</sup> levels for "Planets" :

Planets → Saturn → Rings

Planets → Saturn → Titan

***Resources Search interface***

***Users individual authentication (end of the "idisinput" login) : each user will have its own login***

***Coordination N1-N7 (unique institutes directory and people directory + unique authentication) : this must be started before the N1 website starts !!!***

***Documents (+ meetings) management (the same way as on the Jupiter-Europa website) ?***