

Introduction to the European Dimension for GBIF Nodes



The European dimension for GBIF.....

Some history, facts & figures

- Europe at the cradle of GBIF

- Functional contributions

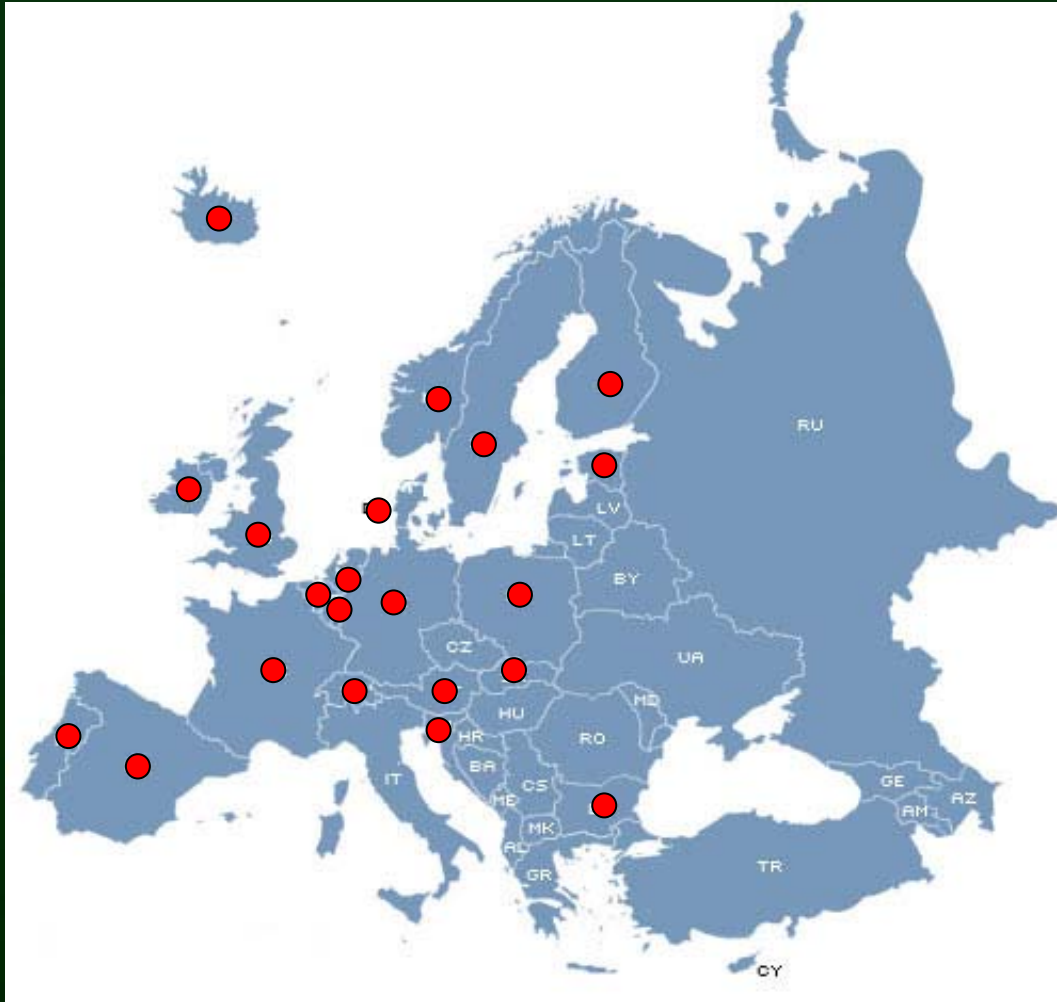


- Data from Europe...
7 in top ten

Node	Total (with coordinates)	Publishers (data sources)
USA	68,473,158 (52,486,566)	88 (253)
Sweden	23,927,582 (20,723,594)	1 (53)
UK	17,409,082 (16,976,573)	10 (121)
Ocean Biogeographic Information System	12,211,656 (11,740,054)	6 (187)
France	10,661,548 (9,761,625)	15 (22)
Germany	6,979,997 (5,491,444)	19 (6500)
Netherlands	5,669,714 (4,615,873)	3 (36)
Denmark	5,252,398 (5,052,343)	2 (40)
Spain	4,197,505 (2,572,346)	6 (133)
Australia	3,854,611 (3,641,529)	7 (74)



Participation:



49 European countries

21 in GBIF

(11 at Alicante meeting)



GBIF decentralisation / regionalisation

- ➔ For peculiarities and specific needs of regions
- ➔ More effective way to participate, communicate, interact, decide, etc.

GBIF assessments of needs and ambitions indeed show differences per region (reflecting developed vs. developing)

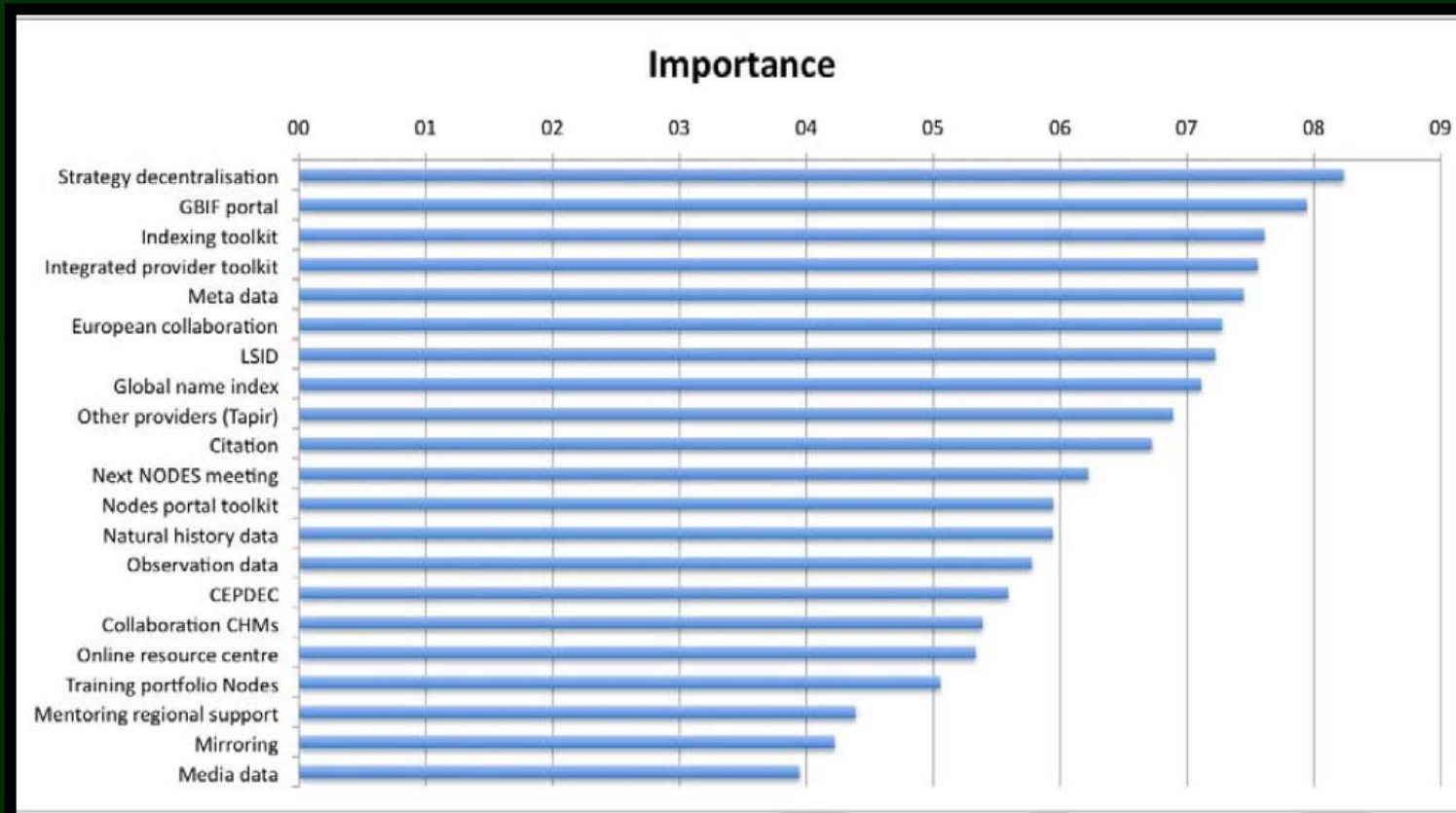
But... regionalisation should not become de-internationalisation

European Nodes:

- 1st regional meeting Copenhagen 2008
- Regional breakout session at Nodes CM 10 in 2009



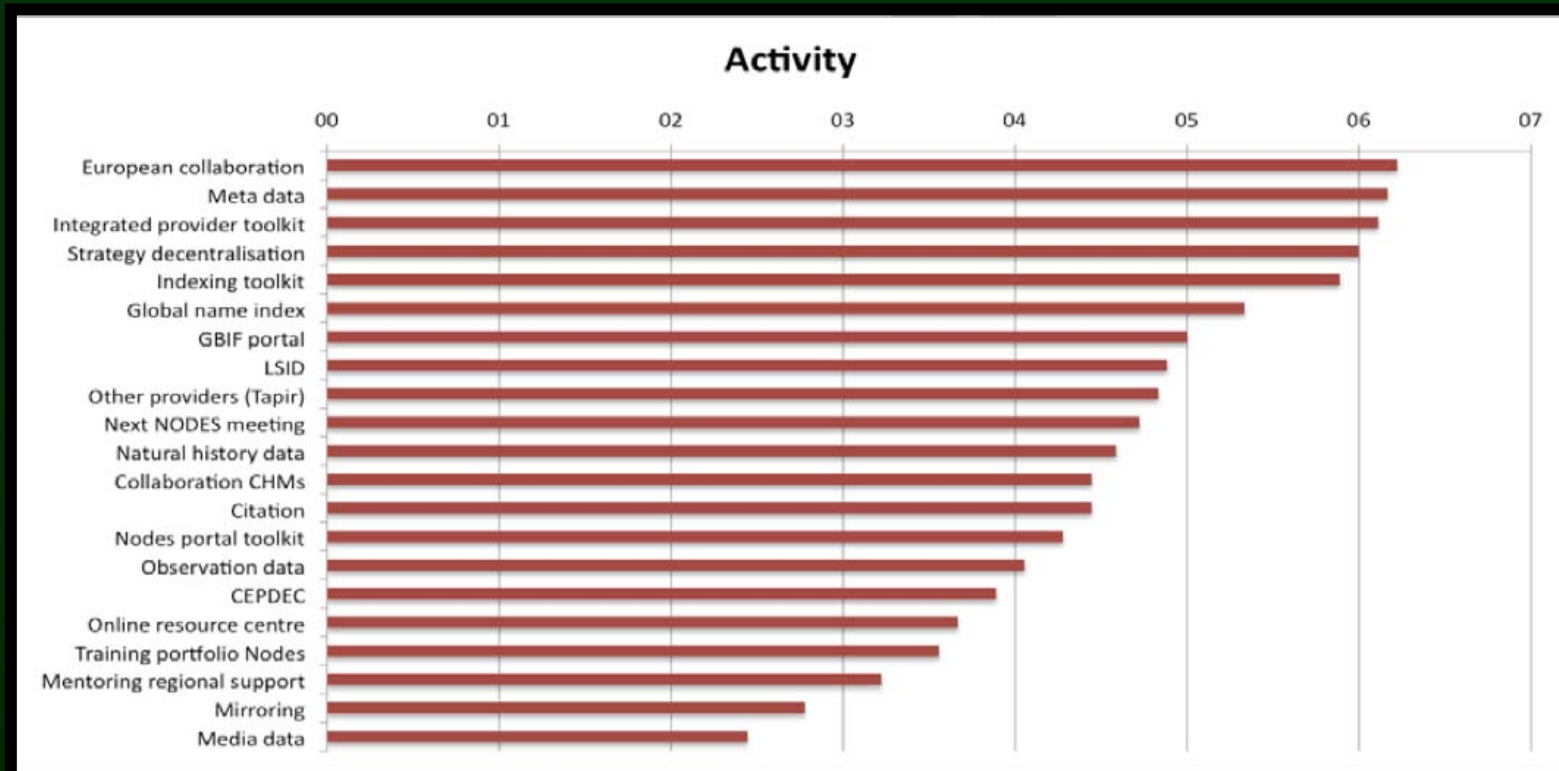
European Nodes Regional meeting 2008



- Importance to GBIF in general
- Top 5: decentralisation strategy, portal, HIT, IPT, metadata



European Nodes Regional meeting 2008



- Informatics programme highest priority and most contribution
- Top 5: EU collaboration, metadata, IPT, strategy decentralisation, HIT



Regional session 10th Nodes Meeting 2009

- No specific European messages to GBIF GB
- European messages to GBIF secretariat:

Community dimension:

- Archive legacy docs and tools
- Planning for community portal

IPT, HIT, NPT:

- Develop with community
- Indicate consequences (resources etc.) for Nodes

Metadata:

- Identify use cases

Other technical development:

- ECAT tools ↔ European taxonomies
- Links to persistent identifier work



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- European recommendations for Participant Nodes:

Decentralisation / regionalisation:

- Regional Nodes group with thematic areas
- Pan –European scope for activities and projects

Communication + Community dimension:

- ➔ - Moderators for GBIF Community site
- ➔ - GBIF Community site will be tried and reviewed

IPT, HIT, NPT:

- ➔ - Push a European IPT roll out
- ➔ - IPT review and report to GBIF secretariat
- ➔ - Recommendations HIT to GBIF secretariat
- NPT input on behalf of European Nodes (Mihail) + resources offered



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- European recommendations for Participant Nodes:

Metadata:

- ➔ - Selection specific use cases
- Set up a function to secure proper metadata and data from bigger demand-driven global initiatives
- ➔ - Publish available metadata catalogues through GBIF

Other technical development:

- European region part of review and development proces ECAT tools
- ➔ - European Nodes take advantage of EU Inspire directives

Data mobilisation (to be developed further)

- Article 17 species data, Arctic data, etc.
- ➔ - Citizen Science portal at the European level
- Work on bringing more participants and data into GBIF Europe
- Efforts on Pan European species Atlas (long term)

Data Use:



- Develop examples of applying species data to policy



European Dimension for GBIF Nodes

- Participation

Lots of work to do....

- Use related EU networks such as  & 
- Use EU and national funding possibilities for bilateral projects
- Bring in EU data partners

- Informatics

- Use related e-science infrastructures (EU-CHM, EIONET,)
- Use output FP Programmes (EDIT's Scratchpads and others)
- Use general infrastructures like



(Pan-European data network dedicated to the research and education community)



European Dimension for GBIF Nodes

- Content

- ➔ EU research data policy.... ERC (European Research Council)
7FP open access to research data

- ➔ EU existing data publication: Natura 2000, Ramsar EU, DAISIE, etc.

- ➔ EU funding of new data projects

Themes:

- legacy data (digitisation)

- Citizen science

- Geography + users (coastal management, river monitoring, etc.)

- Data use and application

- ➔ Europe ultimate test environment



European GBIF Nodes Alicante 2010

- Identify barriers
- Start cooperation
- Plan our future..... Follow our plan





