



CREATIVE-B

Coordination of Research e-Infrastructures Activities Toward
an International Virtual Environment for Biodiversity

Short overview of the project





Considerations

- Global environmental challenges require global research strategies and global research infrastructures.
- The planet is our laboratory.
- International policy makers identified environmental research infrastructures as a global priority.
- They expect us to show the way to go and to suggest a possible roadmap.
- Both for current problems as for a vision for the future.



Objectives

- Cooperation in construction, operation and use of large research infrastructures and facilities.
- Exchange of expertise (technologies, interoperability, user support).
- Development of a common view on governance and management for cooperation.
- Organisation of six workshops, a conference
- Development of a global Roadmap





Facts

- Coordination and Support Action (no research!)
- Main funding from the European Commission (FP7)
- Total budget 700,000 euro
- 3 year project
- Partners from NL, IT, FR, UK, ES



Toward a Global Virtual Environment for Biodiversity Research



Supporting initiatives

- LifeWatch (Europe)
- DataOne (USA)
- CRIA - Reference Centre on Environmental Information (Brazil)
- Chinese Academy of Sciences (China)
- ALA - Atlas of Living Australia (Australia)
- SANBI - South Africa National Biodiversity Institute (South Africa)
- GBIF - Global Biodiversity Information Facility (Denmark)
- GEOS/GEON - GEO Biodiversity Observation Network



Supporting partners

WP1	Management and Coordination	University of Amsterdam - NL
WP2	Community Engagement	CNR research council- IT Comunitá Ambiente - IT
WP3	Technology and Interoperability	Cardiff University – UK MaatG - FR
WP4	Policy, Governance and Management	University of Alcalá - ES
WP5	Dissemination and Outreach	CNRS research council - FR

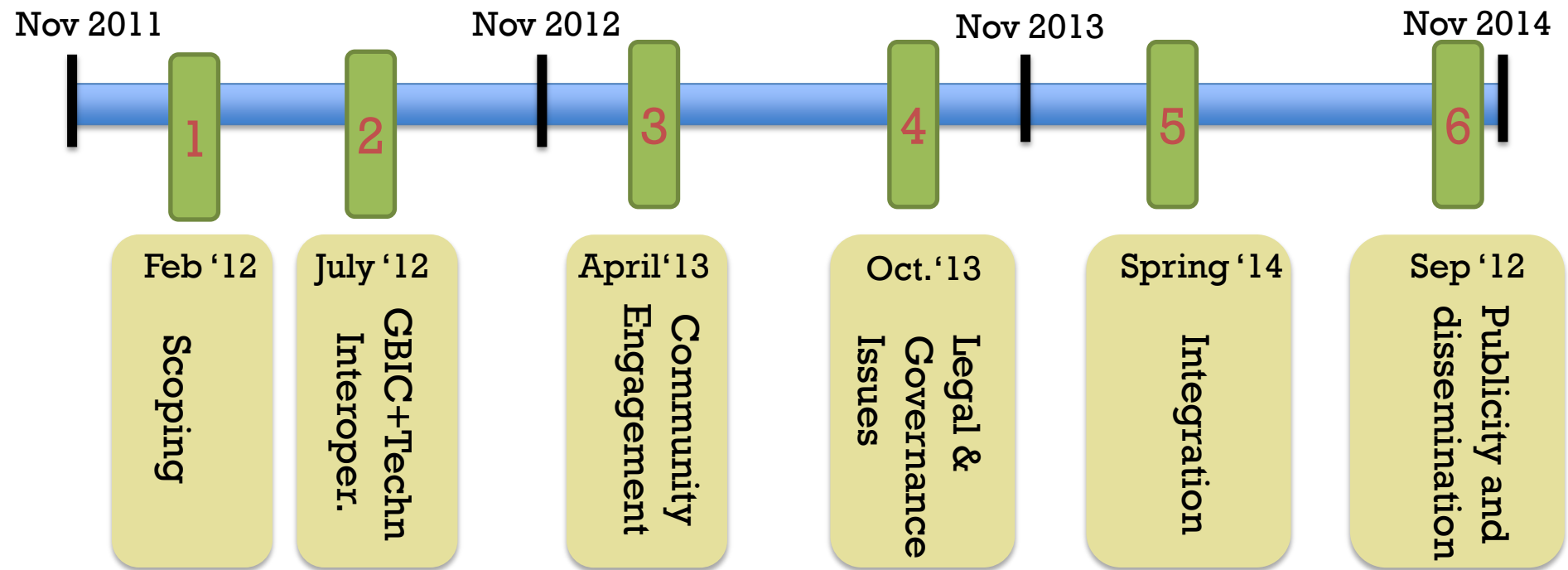


Workshops

	Workshop (main themes)	Date	Location
1	Scoping	27-29 Feb 2012	Rio de Janeiro Brazil
2	Global Biodiversity Informatics Conference Workshop technical interoperability	2-4 July 2012	Copenhagen Denmark
3	(Scientific) Community Engagement	April 2013	Kunming China
4	Legal & governance aspects of infrastructure interoperability	October 2013	Santa Fé USA
5	Integration + roadmap development	Early spring 2014	Italy
6	Publicity & dissemination	September 2014	Brussels



Timeline





WP Community Engagement

- Organize community engagement for an international benchmarking exercise aimed at identifying the most used data, tools and services
- Increase the knowledge sharing on (European) biodiversity e-infrastructures
- Develop links between the European User Communities on biodiversity and communities of other continents
- Support collaboration by providing opportunities for discussion on:
 - Data sharing
 - Policy trend and researcher's needs
 - Citizen science
 - Support to GEOBON



WP Technical Interoperability

- To compare the various technological approaches of the biodiversity and ecosystem research infrastructures worldwide through compatibility of reference models and a common standards basis
- To identify obstacles to interoperability
- To document guidelines and recommendations for convergence towards interoperability at the global level
 - Interoperability analysis
 - Interoperability scenarios
 - Interoperability guidelines
 - Interoperability roadmap



WP Legal and Governance Issues

- Evaluate the legal, financial, management and governance implications of interoperability
- Identify obstacles for common interoperability in the legal principles underlying the financial mechanisms, governance models, data management rules and IT structures
- Propose a roadmap to promote coordination and synchronization of governance for collaborations among biodiversity research infrastructures worldwide
- Establishment of a global High Level Stakeholders Group of key governing persons in RI's



Thank you!

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