



ENSOCIO-LA
EUROCIO-IT

The ENSOCIO-LAC Project

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15 min summary covering:



- 1. An overview of the ENSOCIO-LAC project**
- 2. Progress so far**
- 3. Issues arising**
- 4. Future activities**
- 5. More information...**

[1] An Overview of the ENSOCIO-LAC project



Title & Research Area:

- ENSOCIO-LA: Strategic, Sustainable R&I Cooperation with Latin America (Climate Action, Resource Efficiency and Raw Materials)
- ENV.2013.6.5-4 Knowledge platforms, networking and uptake of research results for more strategic international R&I cooperation
- ENSOCIO-LA is a Coordination Action of FP7; aims at establishing sustainable and integrated research and innovation cooperation between the EU and Latin American Countries in the environmental field, namely in climate change, resource efficiency and raw materials

[1] Overview - Selected outcomes include:



- Concrete proposals for upgrading the joint research and innovation agenda at more strategic levels;
- Linking EU projects or clusters of them with projects/networks in the countries of the region and the potential users, (policy, industry etc);
- Identifying potential sources of funding (national, EU, international) other than FP7;
- Knowledge platform – easy online access to the ENSOCIO information and specific project / network information collated as part of the project review



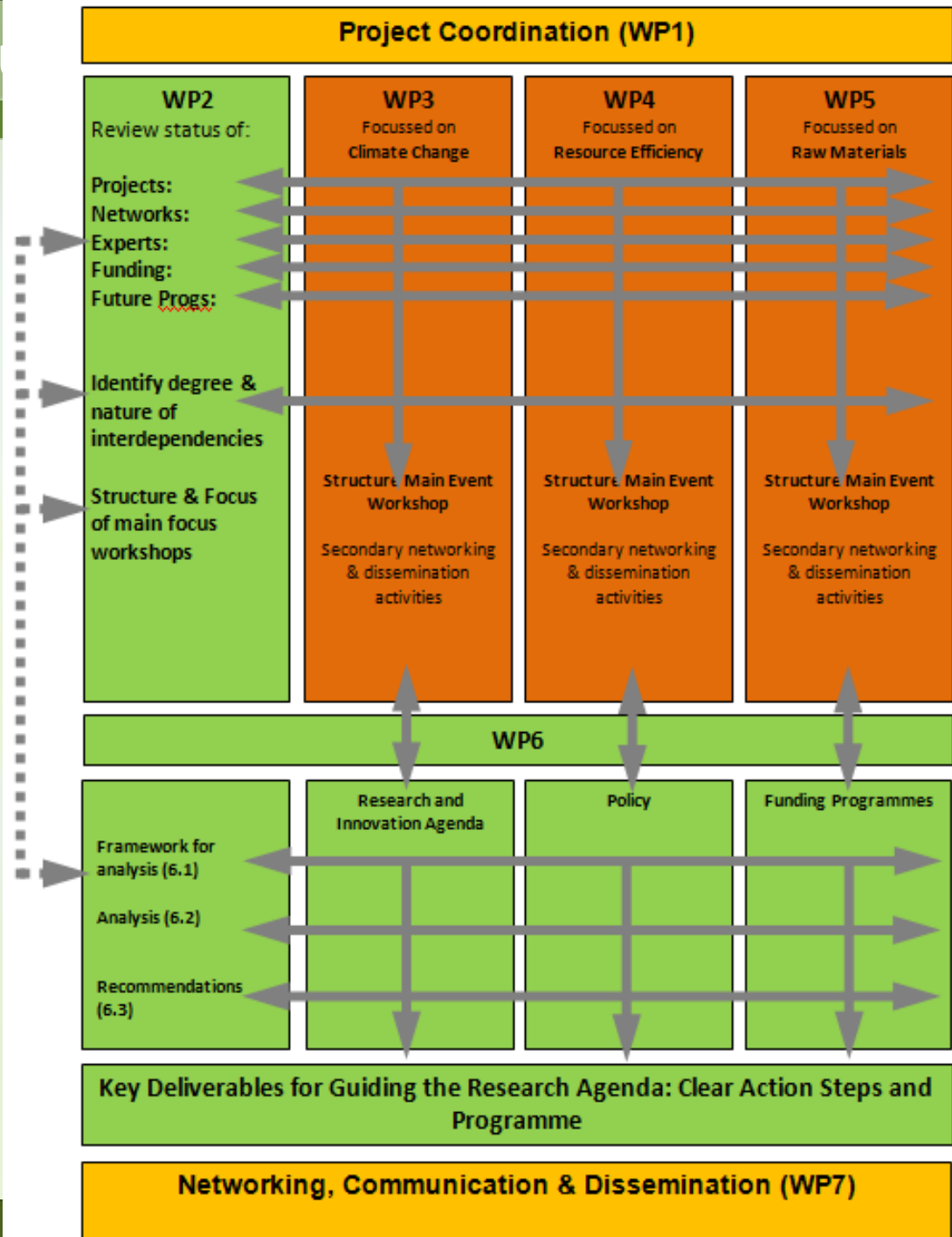
ENSOCIO-LAC project:

- May 2013 → April 2015 2 years CSA
- **14 partners: 7 European / 7 Latin America**
 - Samui France (Fr)
 - METCENAS (CR)
 - UPCT (Spain)
 - DLR (Germany)
 - Fraunhofer (Germany)
 - IVL (Sweden)
 - HZDR (Germany)
 - MINCyT (Argentina)
 - CONICYT (Chile)
 - COLCIENCIAS (Colombia)
 - CONACYT (Mexico)
 - CARIRI (Trinidad & Tobago)
 - IAI (Uruguay)
 - CICITEM (Chile)

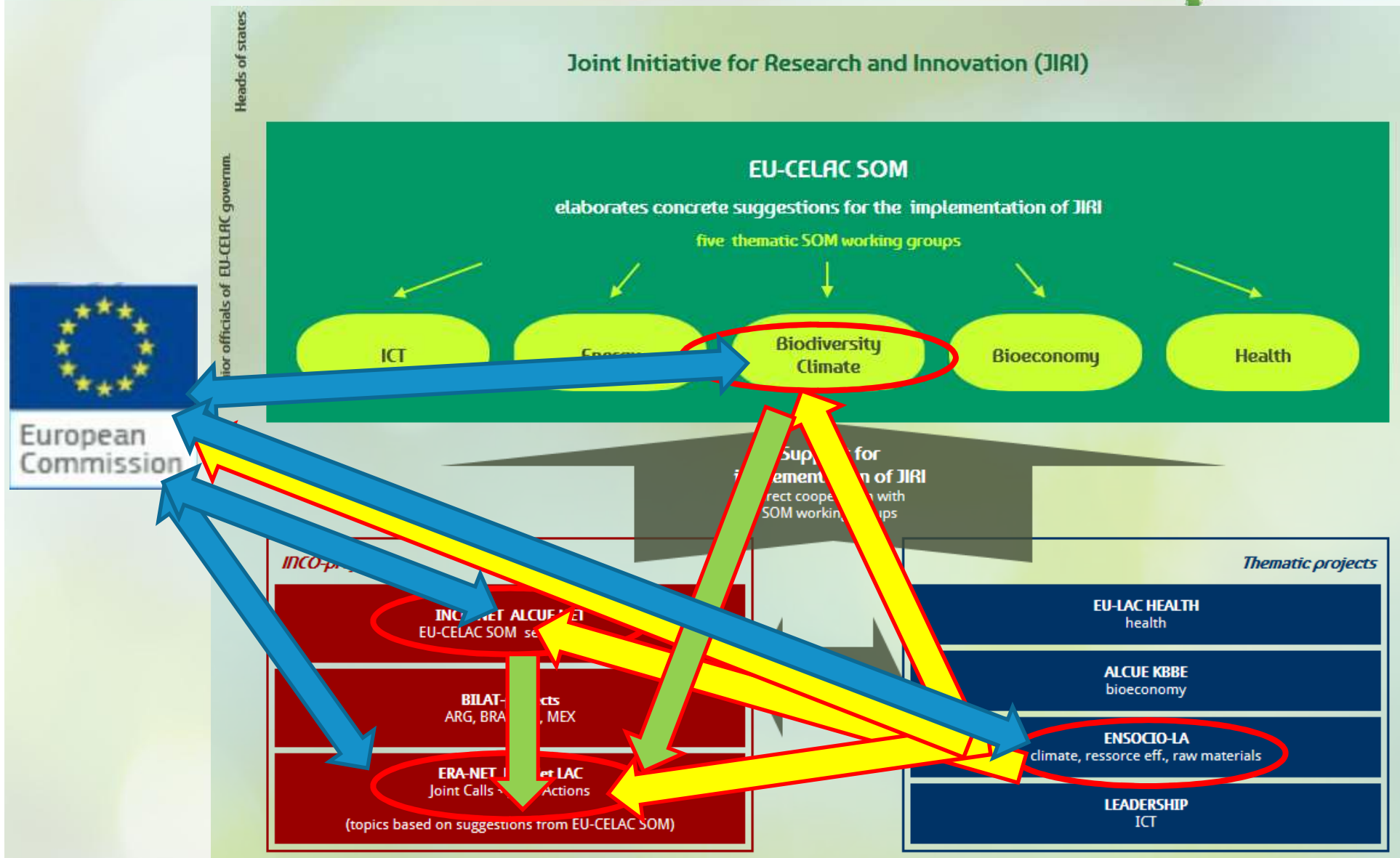
[1] Overview- facts & fig

ENSOCIO_LA objectives are gained through the following project components:

- Review of initiatives, networks and funding opportunities (**WP2**)
- Climate change focussed actions (**WP3**)
- Resource efficiency focussed actions (**WP4**)
- Raw materials focussed actions (**WP5**)
- Proposals for the joint research and innovation agenda, including policy and funding (**WP6**)
- Networking, communication and dissemination (**WP7**)



[1] Supporting the SOM / Communication?



[2] Progress



We have been working towards:

- Identification of EU-LAC key topics, projects and initiatives to focus project efforts → Feeding information back to the SOM, ALCUE NET and ERANET LAC
- Main LAC networking, project discussion event was in Cancún at end July 2014 – 20 invited projects
- Evolving *Knowledge Platform* for easy access to information



[2] Progress



- Kick-off in June 2013 (completion end April 2015)
- Review of EU-LAC past / present projects and initiatives → 'Long List' of > 450 projects
- 'High level' evaluation of Long List to allow prioritization of projects [*EU – LAC projects*]
- Closer review of top 60 (20 per topic area) and creation of a 'Short List' of ~35 projects
- Survey of Short List
 - Questionnaire; deliverables; goals
- ~20 projects participated in Cancún



[2] Progress– areas identified after initial review



- Some of the areas identified →

Agriculture & Ecosystems & Land Management	River Basin Management
Water Integrated Management & Ecosystems	Sustainable Cities
Water & Satellite data & DSS	Community based Environmental Management
Biodiversity	Climate Scenarios
Marine resources and coastal management	Health and Climate Change
Groundwater	Biochemistry
Forest management	Alternative Energy
Water & sanitation governance	Compostable Polymer
Water reuse	Packing

[2] Progress - Groups



From the generic scope of the project our approach has focused around three working groups:

Group 1: Biodiversity, Land Use & Climate Services

Group 2: Urban and Rural Water

Group 3: Raw Materials

[2] Progress - Priorities



Then

- Each general topic area has identified priority issues, settling on 1 flagship area + 2 priority areas each
- Now undertaking follow up actions on these flagship / priority areas, for example:
 - Developing research specifications
 - Clustering projects – linking researchers
 - Looking for other initiatives / actions addressing topics
 - Identifying possible existing funding opportunities



RP1. Water Resources and Food Security

sustainable community-based governance models for the management of natural resources that could be used in different social-ecological systems in a context of climate change

RP2: Governance of climate, biodiversity and ecosystem services in LAC

Type of project: Observatory

RP4 Role of small holders in global land use changes and biodiversity

Use of local knowledge of natural resource management in Biodiversity Protection (as a complement to scientific knowledge)



Gaps in research funding (water)

- Extend market for European technology on wastewater treatments: Programs promoting the development of customized models that would address the specific needs and characteristics of LAC countries in the field of wastewater treatment.
- Development of affordable systems for the use of treated water for irrigation for Latin American small producers
- Funding for research on the health – water – climate change nexus



Recommendations for H2020 (2018)

- Funding for development of small-scale wastewater treatment plants for water reuse, recovery of nutrients and production of bioenergy suitable for Latin American small producers;
- Extend geographical coverage of calls related to the effects of climate change, water management, and bioenergy, land use to Latin American countries;
- Promote the use of satellite data for research on agricultural and bioenergy production

[2] Priorities – Group 3 - Sustainable Mining



- **Environmental impacts & liabilities;
(soil & water contamination, sediment, man made tailings)**

- mapping & evaluation of decontamination processes
- heavy metals, organic elements (solvents)
- mapping of economic potential in tailings to offset cost of remediation processes.

- **Social aspects of mining: (action plan), human resources & gender issues**

- health impacts from high level work and life at contaminated sites
- Artisanal mining (illegal, small scale mercury based)

- **Raw materials knowledge infrastructure at EU & LAC level.**

- Investigation & strategic discussions

[3] In addition...



1. We need to confirm the paths for sharing / exchange of information between projects and the SOM (ie. ENSOCIO – ALCUE NET – ERANET – SOM WGs)
2. Concern in many topic areas regarding the current focus of H2020 research programmes. The LAC area does not feature prominently, hence if we are to promote and enlarge EU-LAC cooperation we need associated research and collaboration funding opportunities.

[3] In addition...



3. ENSOCIO Knowledge Platform

- Project data ~ 500 projects
 - Ability to access and analyse this information
- Funding programme data
- Guidance on participation in EU-LAC research
- Etc
- Future sustainability of this platform?
 - Maintain and update → longer term funding and ownership – ALCUE NET?



[4] Next steps



1. Complete ENSOCIO programme of actions to identify priority areas, project clusters / links, research specifications etc.
2. Formalize conclusions in a structure suited to EC, SOM, ALCUE NET, ERANET uptake and use
3. Finalize access to information online via knowledge platform
4. Final workshop in March 2015 (Berlin?) – 1 day invitees to promote recommendations, access to platform, etc.

[5] For more information: www.ensocio-la.eu



English Español



Strategic, Sustainable R&I Cooperation with Latin America (Climate Action, Resource Efficiency and Raw Materials)

The ENSOCIO-LA project is a Coordination & Support Action funded under ENV.2013.6.5-4 Knowledge platforms, networking and uptake of research results for more strategic international R&I cooperation.

As a Coordination Action, the ENSOCIO-LA project aims at **establishing sustainable and integrated research and innovation cooperation between the EU and Latin American** Countries in the environmental field, namely in **climate change, resource efficiency and raw materials**; ENSOCIO-LA will also help improve dissemination and the exploitation of research results in this area by different user groups. This will be achieved through **networking and twinning of existing multilateral and bilateral projects** funded by different sources, through the development of efficient interaction schemes between science, industry and users and the joint elaboration of future research priorities and joint activities. **ENSOCIO-LA will provide a network of networks.**



LATEST NEWS: ENSOCIO REVIEW MEETING, STUTTGART, 14TH-15TH NOVEMBER 2013

25/10/2013
Registration for the ENSOCIO Review Meeting, Stuttgart, 14th-15th November 2013 is now open...

[View article](#)

EVENTS

ERANET Kickoff Meeting
11 November 2013 - 12 November 2013

Climate Change Conference, Uruguay
17 March 2014 - 21 March 2014

SOM Biodiversity Event, France
03 February 2014 - 06 February 2014



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