

"Fostering innovative dialogue between researchers and stakeholders to meet future challenges:
Land, Soil, Desertification, Urban and Community-Based Environmental Management "
Brussels, 10-11 June 2013

The capacity of civil society organisations and their networks in community based environmental management

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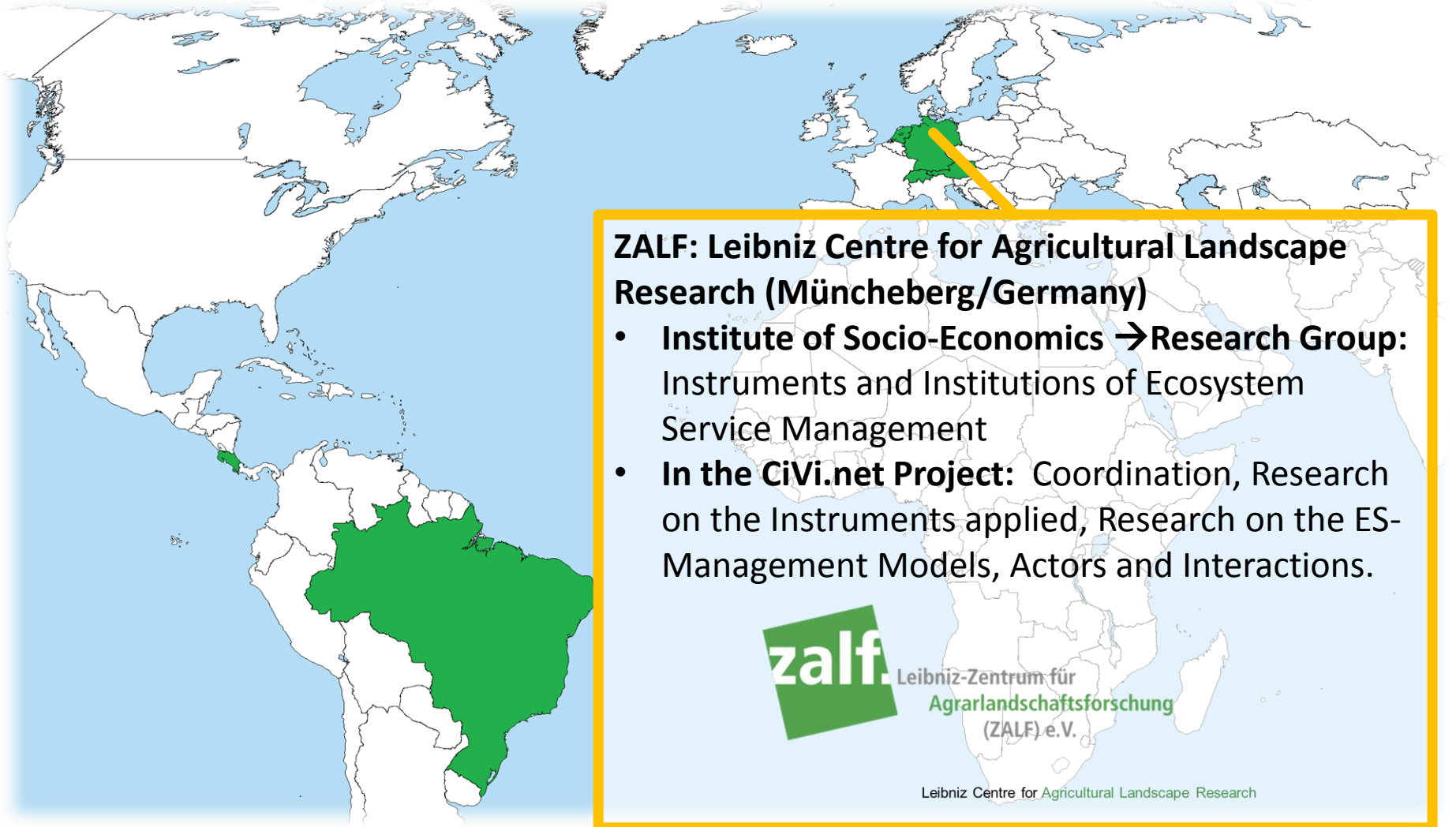


Project Overview

| | |
|---------------------|--|
| Acronym: | CiVi.net |
| Title: | The capacity of civil society organisations (CSOs) and their networks in community based environmental management |
| Programme | FP7-ENVIRONMENT |
| Sub Programme area: | Community based management of environmental challenges. |
| Funding scheme: | Research for the benefit of CSOs |
| Funding period: | 10/2011 – 09/2014 |
| Total cost: | EUR 2 245 360 |
| EU contribution: | EUR 1 846 660 |



Project Overview - Partners



ZALF: Leibniz Centre for Agricultural Landscape Research (Müncheberg/Germany)

- **Institute of Socio-Economics → Research Group:** Instruments and Institutions of Ecosystem Service Management
- **In the CiVi.net Project:** Coordination, Research on the Instruments applied, Research on the ES-Management Models, Actors and Interactions.

zalf. Leibniz-Zentrum für
Agrarlandschaftsforschung
(ZALF) e.V.

Leibniz Centre for Agricultural Landscape Research



Project Overview - Partners



IDC : Organisation for International Dialogue and Conflict Management.

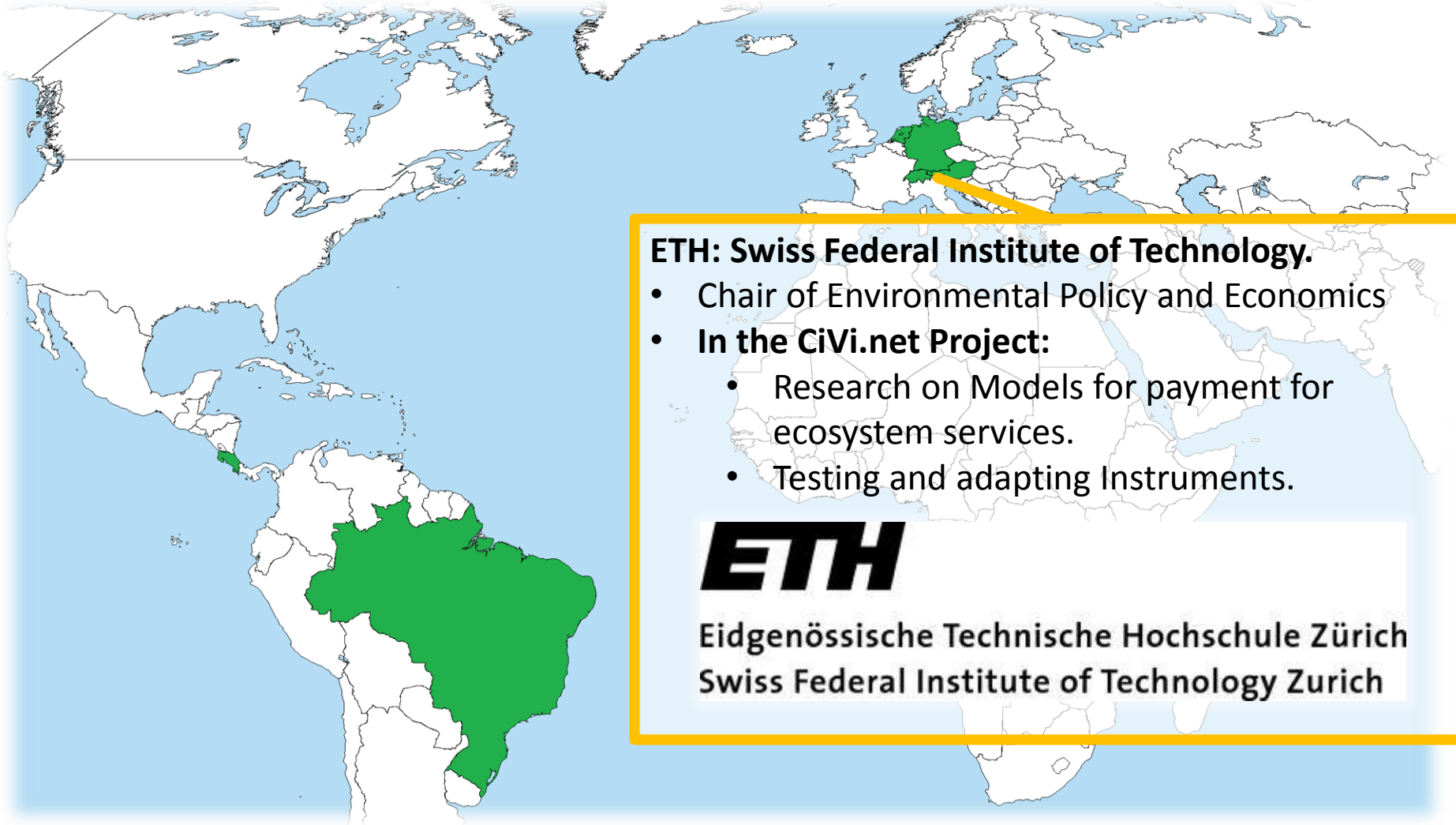
- A research group focussing on innovative approaches to social conflicts related to environmental and technological changes.
- **In the CiVi.net Project:** Research on Civil Society Organisations and their roles and innovations in environmental management.



Organisation for
International Dialogue
and Conflict Management



Project Overview - Partners



ETH: Swiss Federal Institute of Technology.

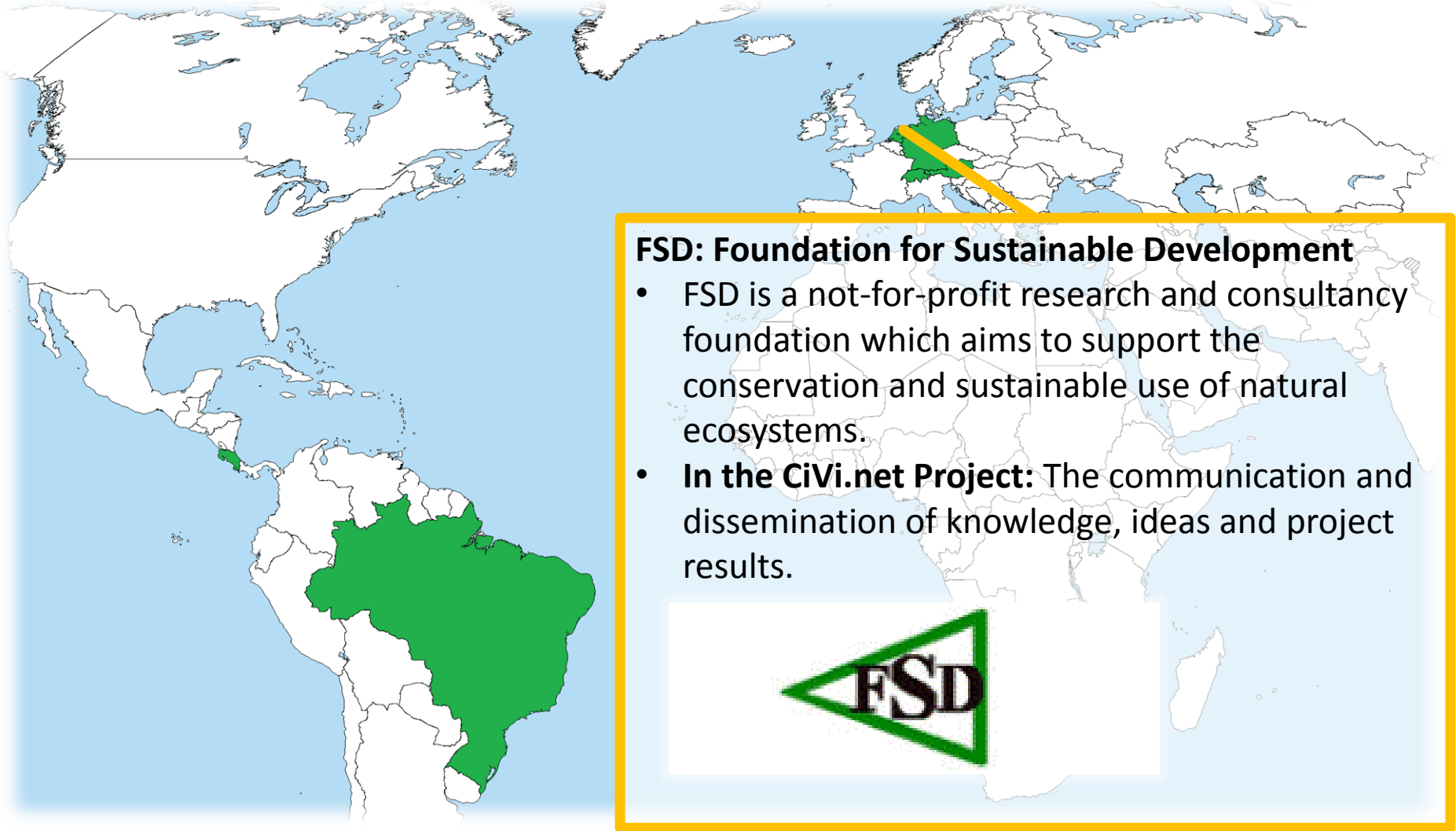
- Chair of Environmental Policy and Economics
- **In the CiVi.net Project:**
 - Research on Models for payment for ecosystem services.
 - Testing and adapting Instruments.

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



Project Overview - Partners

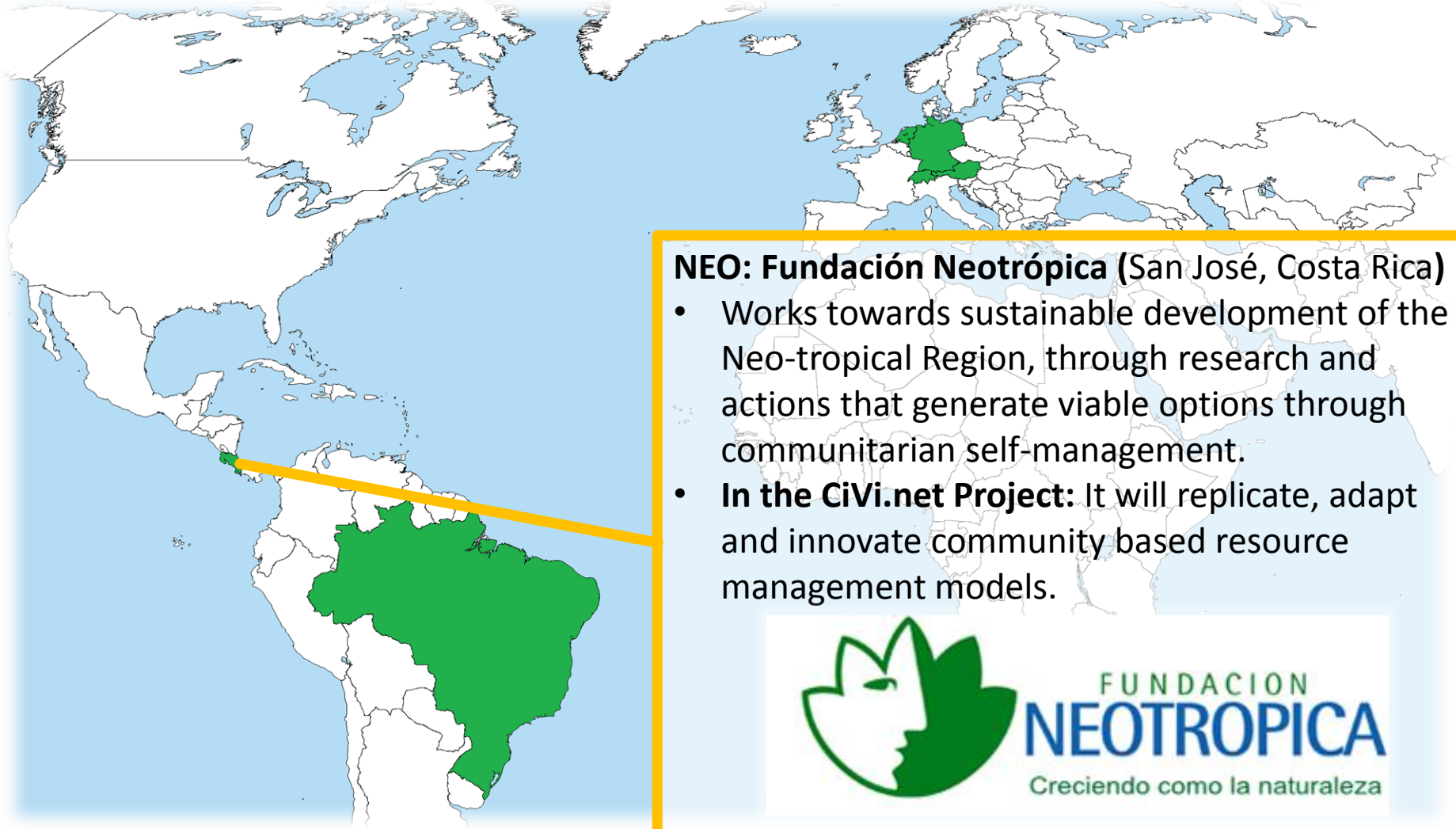


FSD: Foundation for Sustainable Development

- FSD is a not-for-profit research and consultancy foundation which aims to support the conservation and sustainable use of natural ecosystems.
- **In the CiVi.net Project:** The communication and dissemination of knowledge, ideas and project results.



Project Overview - Partners



NEO: Fundación Neotrópica (San José, Costa Rica)

- Works towards sustainable development of the Neo-tropical Region, through research and actions that generate viable options through communitarian self-management.
- **In the CiVi.net Project:** It will replicate, adapt and innovate community based resource management models.



Project Overview - Partners



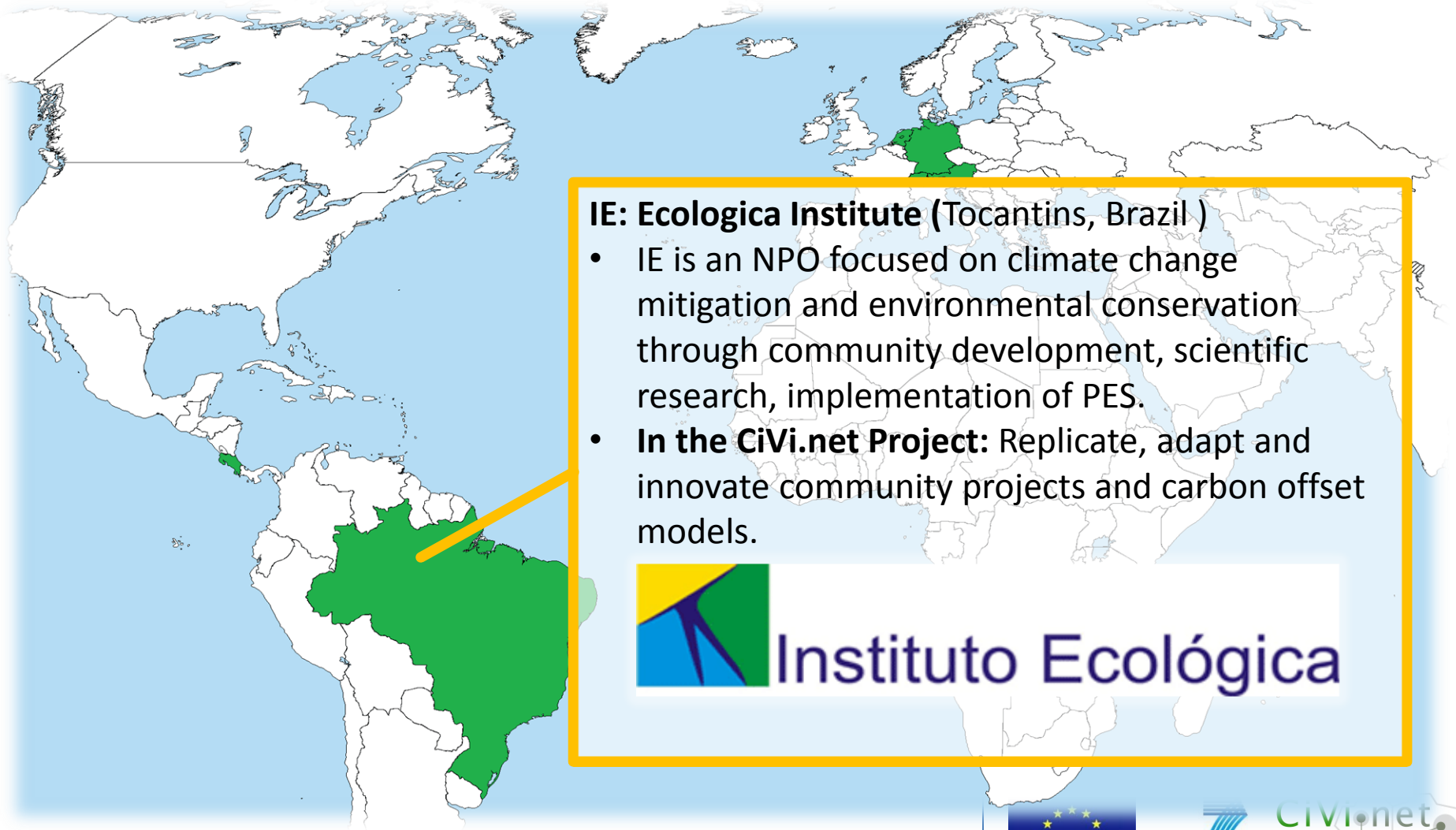
FUNDAG: Foundation for Agricultural Development (Campinas, Brazil)

- FUNDAG is a non-profit private foundation dedicated to human capacity building and science/technology research in the fields of agriculture and natural resources.
- **In CiVi.net** : Organize stakeholder interactions with respect to the transfer solutions.

FundAg
FUNDAÇÃO DE APOIO À PESQUISA AGRÍCOLA



Project Overview - Partners



IE: Ecologica Institute (Tocantins, Brazil)

- IE is an NPO focused on climate change mitigation and environmental conservation through community development, scientific research, implementation of PES.
- **In the CiVi.net Project:** Replicate, adapt and innovate community projects and carbon offset models.

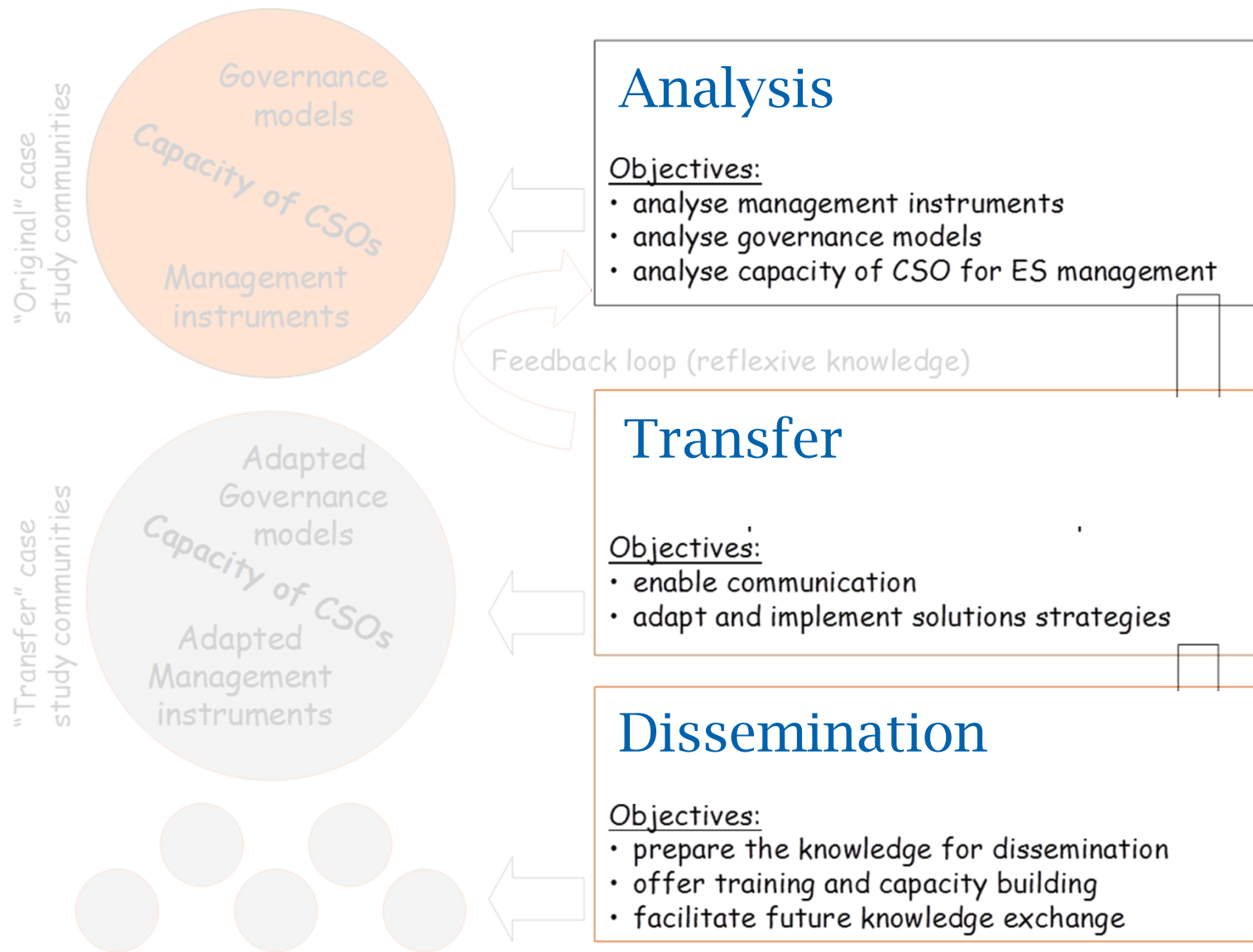


Instituto Ecológica

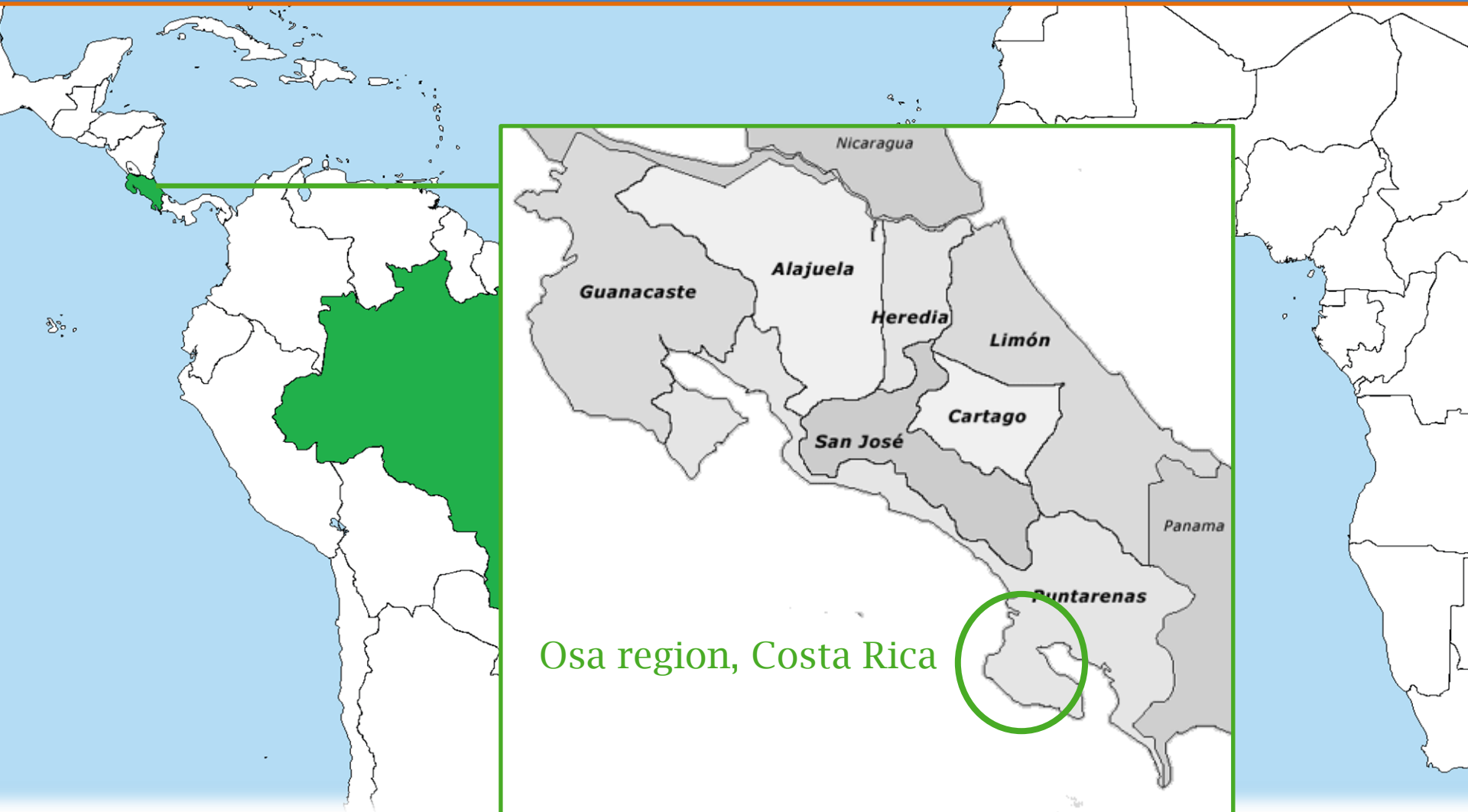


Project Overview – Aims

successful solutions for community based ecosystem service management



Project Overview – Case Studies

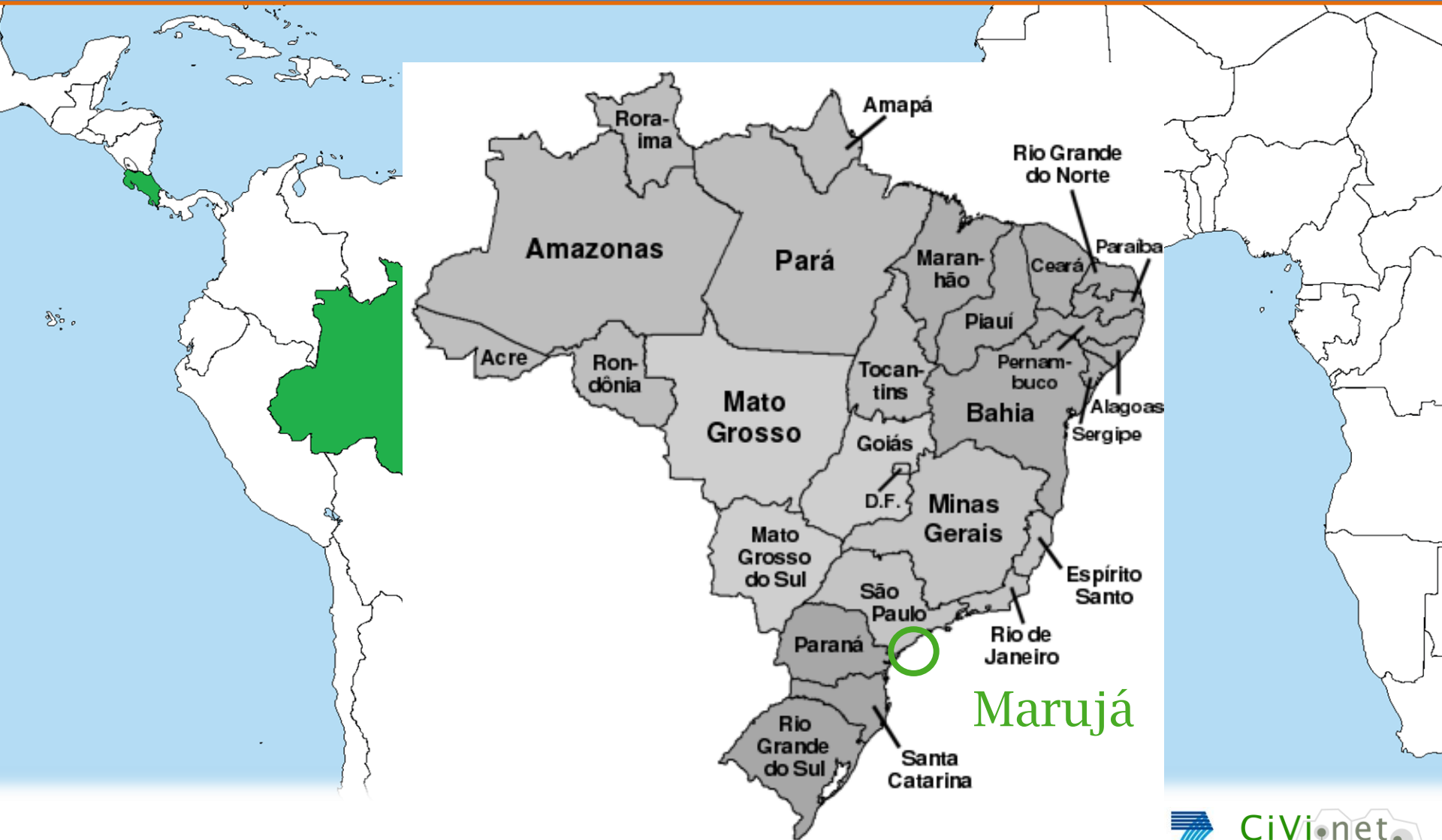


Case study Osa region, Costa Rica

- **Ecosystems services:** flood protection, sediment and nutrient retention, water quality maintenance, carbon capture, biodiversity, recreation
- **Problem:** **Degradation of wetland ecosystems (mangroves)** and the ecosystem services they provide
- **Solution:** **Participatory approaches to promote the active engagement** of local communities in the wetland protection, development and implementation of community based **Payments for Ecosystem Services** (CBPES)
- **Interests of CSO:**
NEO (project partner)
 - wetland conservation + mitigate conflicts + social capital building,



Project Overview – Case Studies

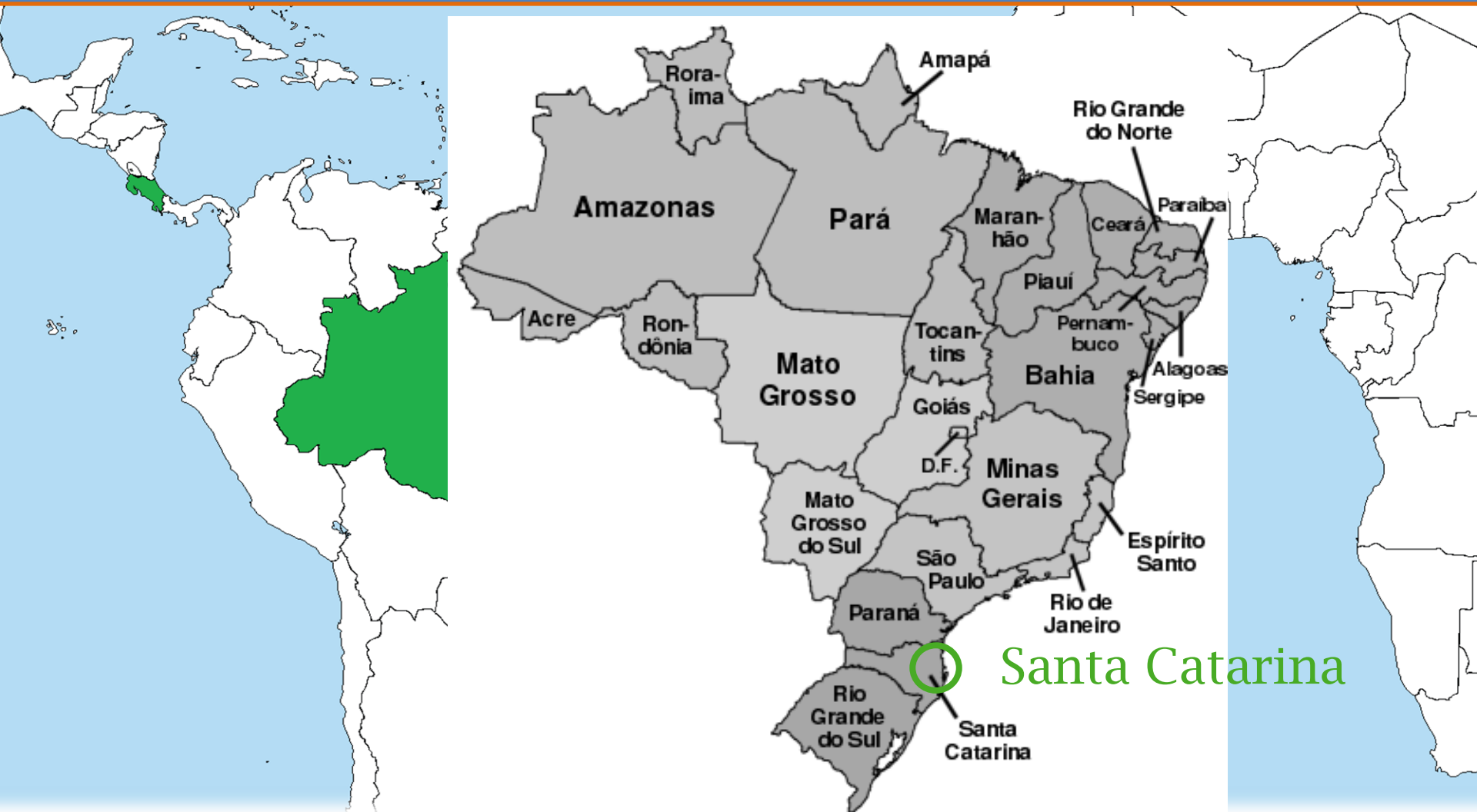


Case study Marujá, Brazil

- **Ecosystems services:** Natural beauty & biodiversity, carbon capture (mangroves), Fish
- **Problem:** **uncontrolled construction**/settlement development, **impact of tourism** (waste, sanitary facilities ...)
- **Solution:** 1) Elaboration of a management plan to enforce the park rules, 2) **participatory management to implement the management plan on community level (based on community's self-organization)** / approbation for the community to stay in the park
- **Interests of CSO:**
AMOMAR - community organization of Marujá:
 - Right for the community to stay in the park under consideration of the park rules,
 - eco-tourism in line with park rules



Project Overview – Case Studies

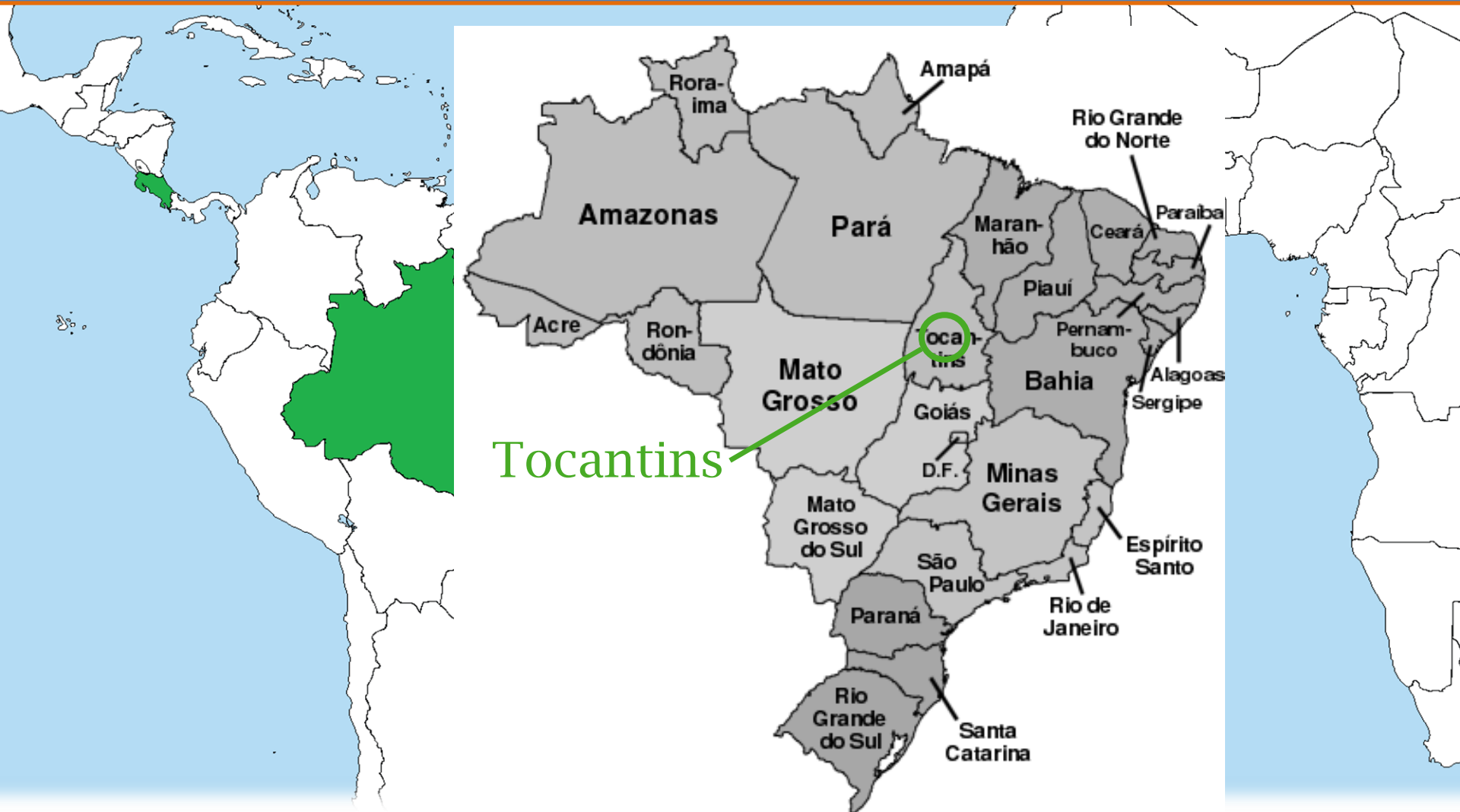


Case study Santa Catarina, Brazil

- **Ecosystems services:** clean water, forage, forest
- **Problem:** **Reduction of Atlantic Rain forest**, soil degradation, pollution of rivers and streams; most urgent problem for the community: **alternative option in agricultural production**
- **Solution:** Ecological Agricultural Systems and organic farming, **Voisin System** as part of this broader strategy
- **Interests of CSOs:**
 - UFSC (project partner):
 - Introduction of ecological agriculture and Voisin System
 - AGRECO (farmer association):
 - Commercialization of organic products



Project Overview – Case Studies



Case study Tocantins, Brazil

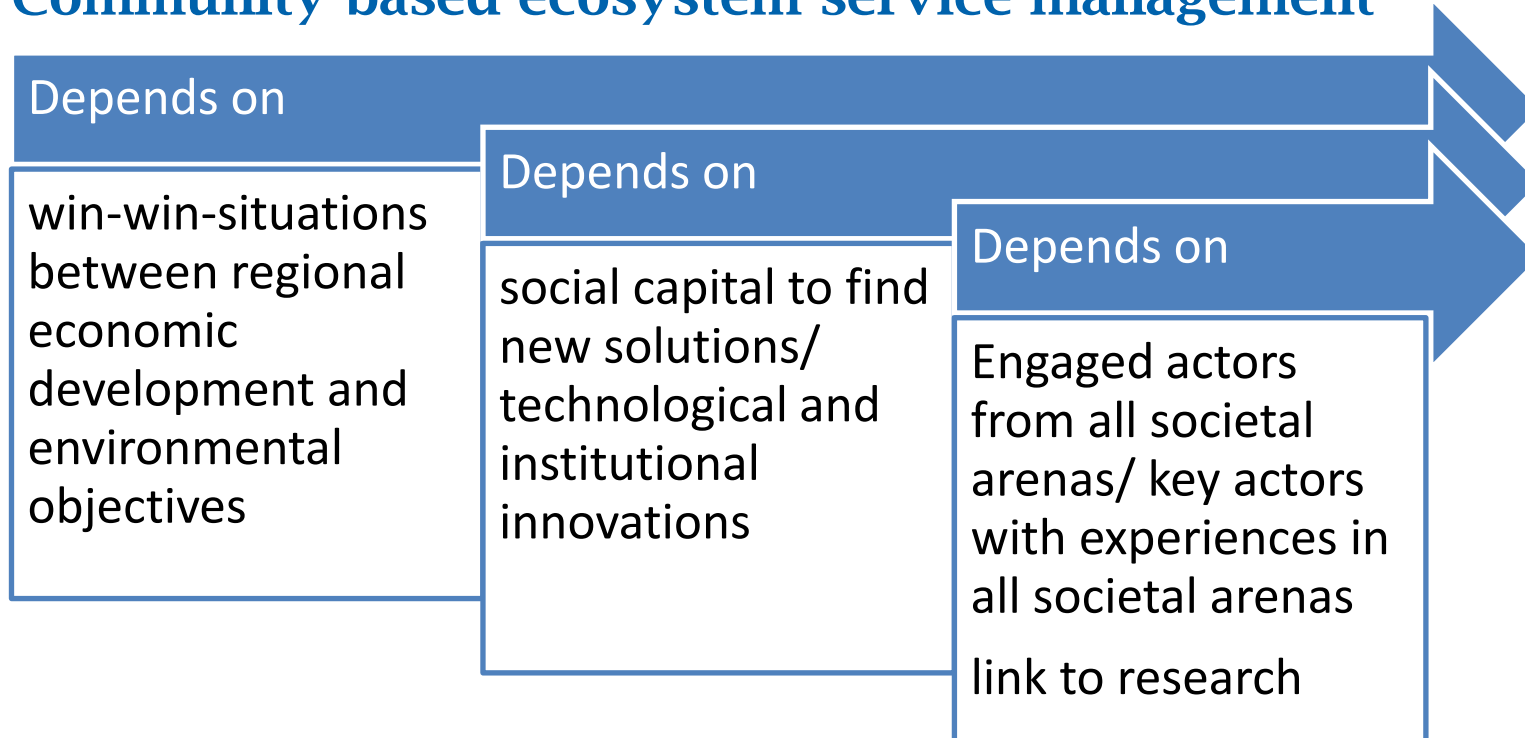
- **Ecosystems services:** Global climate, biodiversity, local watershed, local climate regulation
- **Problem:** **deforestation** due to 1) use of non-renewable biomass as main source of fuel in ceramic factories, 2) cattle ranching
- **Solution:** **Social Carbon Standard** to evaluate the impact of the community actors engagement involved in more sustainable fuel solutions (rice husk) and the **production and selling of Verified Carbon Units** on the voluntary carbon market.
- **Role of CSOs:**
 - EI (Project Partner): Development and transfer of social carbon standards
 - ETH (Project Partner) as facilitator to develop Verified Carbon Units



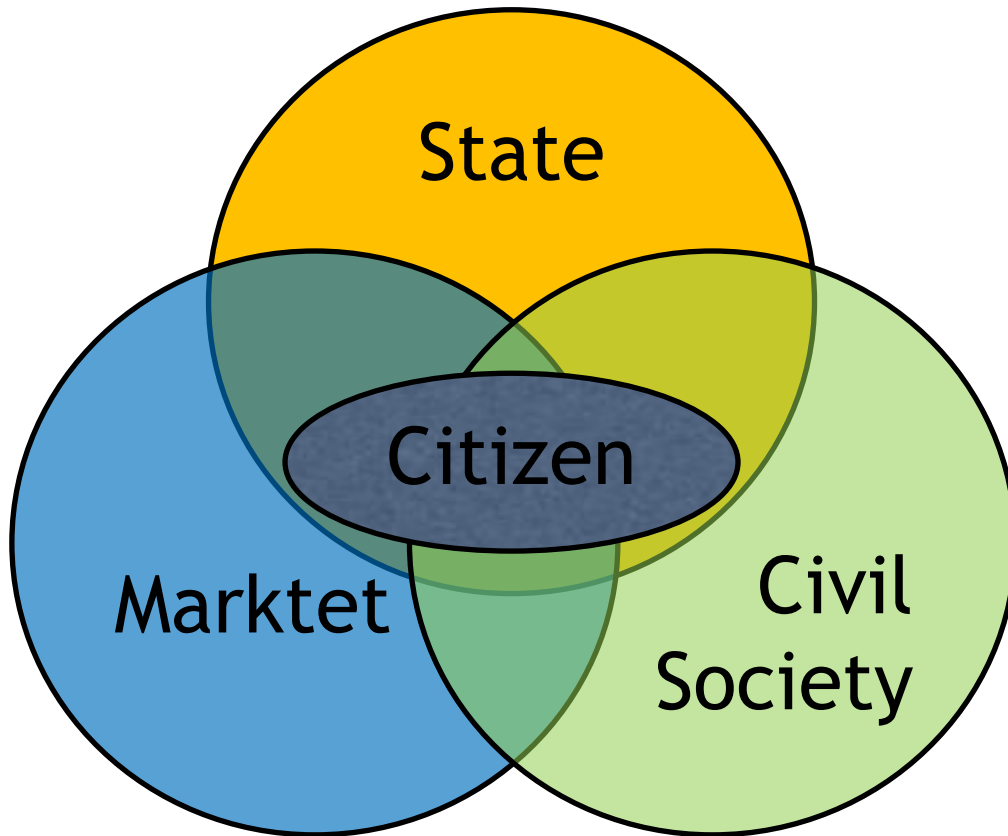
Preliminary results

Some of our first **hypothesis** for successful community based ecosystem service management

Community based ecosystem service management



Preliminary results



Actors = Citizen, familiar with all three arenas

Hybrid institutions and new types of „hybrid governance models“

- trust between the actors is needed
- CSO seems to be much important

Dissemination and exploitation plan

| Type of products | a) | b) | c) | d) | e) |
|--|----|----|----|----|----|
| (i) Materials in writing: | | | | | |
| Project brochure (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Case study fact sheets (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Posters/Power point presentations ¹ (diverse) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Press releases (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Scientific publications (EN) ² | ☺ | ☺ | ☺ | ☺ | ☺ |
| Project reports (interim, final) (EN) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Analytical framework (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Practical framework (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Communication framework (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| User manual data portal (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| User-friendliness of data portal (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Protocols/Minutes of meetings (diverse) | ☺ | ☺ | ☺ | ☺ | ☺ |
| (ii) Other materials (video, audio) | | | | | |
| Participatory movie (with EN subtitles) | ☺ | ☺ | ☺ | ☺ | ☺ |
| E-newsletter (EN, SP, PO) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Recorded interviews (selected) | ☺ | ☺ | ☺ | ☺ | ☺ |
| TV/Radio contributions (diverse) | ☺ | ☺ | ☺ | ☺ | ☺ |
| (iii) Trainings/Capacity building | | | | | |
| Announcements for trainings | ☺ | ☺ | ☺ | ☺ | ☺ |
| Training materials (multi media) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Training events | ☺ | ☺ | ☺ | ☺ | ☺ |
| Experimental workshops | ☺ | ☺ | ☺ | ☺ | ☺ |
| (iv) Meeting events and networks: | | | | | |
| Stakeholder meetings and workshops | ☺ | ☺ | ☺ | ☺ | ☺ |
| Project meetings (selected) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Conferences (national/international) | ☺ | ☺ | ☺ | ☺ | ☺ |
| Final project conference | ☺ | ☺ | ☺ | ☺ | ☺ |
| Informal meetings | ☺ | ☺ | ☺ | ☺ | ☺ |
| CSO and RTD partners' networks | ☺ | ☺ | ☺ | ☺ | ☺ |
| (v) Technical infrastructures: | | | | | |
| Interactive project website ³ : | | | | | |
| - Public part | ☺ | ☺ | ☺ | ☺ | ☺ |
| - Password protected part (data portal) | ☺ | ☺ | ☺ | ☺ | ☺ |
| - Discussion board/wiki | ☺ | ☺ | ☺ | ☺ | ☺ |
| Technical support (manual, Skype, etc.) | ☺ | ☺ | ☺ | ☺ | ☺ |
| (vi) Data ⁴ : | | | | | |
| Data inventory on available data | ☺ | ☺ | ☺ | ☺ | ☺ |
| Data prepared to inform stakeholders ⁵ | ☺ | ☺ | ☺ | ☺ | ☺ |
| Primary data sets ⁵ | ☺ | ☺ | ☺ | ☺ | ☺ |

Dissemination strategy addresses

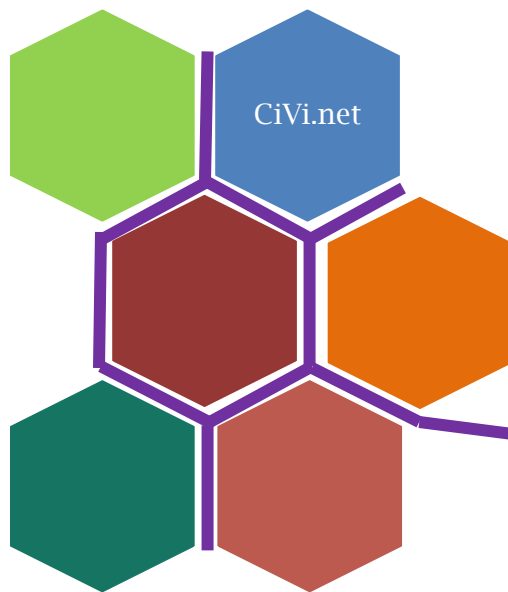
- a) Local stakeholders at community level,
- b) Civil society organisations (CSOs),
- c) Scientific community,
- d) Policy decision makers
- e) General public

Some of the outputs are in English, Portuguese and Spanish!



Dissemination and exploitation plan

CiVi.net is part of the stakeholder network.



One of our CSO partner is directly involved in the case study development (one exception).

We do not only disseminate our results we exchange experiences and results with stakeholders.

One of our CSO partner leads the dissemination work package.



Dissemination and exploitation plan

One exploitation approach

- **Combination of stakeholder action and research methods**

1. Example: Participatory movie (www.civinet.eu/english)

- The movies were produced to illustrate the local problem-based solutions that could be transferred.
- Beside that we tried to use the movie production and the movies as social empirical method for our stakeholder analysis.



Dissemination and exploitation plan

One exploitation approach

- **Combination of stakeholder action and research methods**

2. Example: Experimental workshops

- Economic experiments should help within CiVi.net to design effective and efficient CBPES – support the transfer process
- Beside that the experiment design process and the workshop should foster social learning

➡ Reflexion on these methods/ approaches should give input into the discussion on action research methods



Future Research Priorities in the Field

1. The use of the concept of Ecosystem Services to analyse
 - possibilities to generate livelihood benefits
 - financing options for community based ecosystem management
2. Enhance the knowledge on the role of CSOs and the importance of CSO involvement for mitigating socio-environmental conflicts and to built up social capital.
3. Innovative community based payments for ecosystem services (CBPES) - more than financial incentives!
 - Social learning and social capital building within participatory development of CBPES
 - collaboration approaches between civil society and business in this context/ including needs for business
4. Development of new research methods to foster the collaboration between researchers and stakeholders
 - in our context e.g. new types of experimental (economic) workshops as tool to foster social learning aspects



Future Research Priorities in the Field

5. Transfer strategy for community based ecosystem service management (success factor, actors rules ...)
6. We need transdisciplinary research!



Latin Americas Potential for future research



Thank you!

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