



Hochschule für Angewandte
Wissenschaften Hamburg
Hamburg University of Applied Sciences

CELA – Network of Climate Change Technology Transfer Centres in Europe and Latin America

Infopoint Europe Lunchtime conference
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Hamburg University of Applied Sciences
Faculty of Life Sciences
Research and Transfer Centre FTZ-ALS
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α LFA



EUROPEAID
CO-OPERATION OFFICE

The EU-LA cooperation programme ALFA III – Building the Future on Education

- **Cooperation programme** between the European Union (EU) and Latin America (LA) that promotes Higher Education as a means of social and economic development and struggle against social inequality
- Third phase **€75 million (2007-2013) funds 51 projects** involving 494 institutions – 153 from the EU and 341 from Latin America.
 - First phase €31 million (1994-1999), second phase €54.6 million (2000-2006)
- Two pivotal guidelines:
 - To **improve the quality of higher education** and **facilitate access** for all, especially vulnerable groups;
 - To contribute to the process of **regional integration** in Latin America;
- **51 projects managed and implemented by HEIs** in both regions through networks.



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Challenges and potential of HEI



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Higher education institutions (HEI) as important actors for tackling socio-economic challenges of climate change:

- they build research capacity
- they provide consultancy and technology transfer
- they offer professional education of future generations of employees + entrepreneurs

HEI offer solutions, but are constrained by the following:

- Lack of capacity to capitalize on scientific and technological research results*
- Missing market-oriented research and educational approaches*
- Weak links of LA research with business and private sector*
- Limited co-operation with research and teaching institutions from other regions (e.g. Europe).*



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Overall objectives



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CELA focuses on the specific area of **Climate Change - adaptation** and **mitigation** are vital for the sustainable socio-economic development of Latin America

Core objectives:

1. **Improve** the quality of research and technology transfer of LA universities
2. **Strengthen** the role of LA HEIs in the sustainable socio-economic development in the respective regions
3. **Foster** sustainable research and technology transfer cooperation between HEI in LA and the EU

→ CELA's contribution is also towards reducing poverty through capacity-building and creating knowledge networks among Climate Change actors



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Approach



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- ❖ **Assessment** of needs of Climate Change information & training needs among universities, businesses, governments and the civil society
- ❖ **Capacity-building** programme tailored to specific needs
- ❖ Accompanying **Network** of 6 Climate Change Technology Transfer Centres
- ❖ **Pilot projects** in Bolivia, Guatemala, Nicaragua & Peru
- ❖ Sound **information, dissemination & networking.**



All results fully accessible beyond project end:
www.cela-project.net



RESULTS (2010-2013)

Vast range of outputs – deliverables fulfilled



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- **Transnational survey** of Climate Change Information Needs conducted
- **Network of Climate Change Transfer Centres** established in Bolivia, Estonia, Germany, Guatemala, Nicaragua, Peru
- Transnational **Climate Change Technology Transfer Strategy** developed
- **Pilot projects:**
 - Bolivia: “Lifelong Learning Centre” for sustainable forestry
 - Peru: Monitoring of Water Quality at Napo River
 - Nicaragua: Modelling the River Tamarindo
 - Guatemala: Flood-risk management of River Coyolate
- **>24 Capacity-building seminars** and **>18 networking events** held
- Final **recommendation report** produced!
- Vast representation and promotion at conferences, workshops, meetings, online and in the media, with a wide **CELA Network** has been set-up and will continue even after the project completion.



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Our Partners – key to project success



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The **CELA partnership** comprised the following HEIs:

- Hamburg University of Applied Sciences, **Germany**
- Tallinn Technical University, **Estonia**
- Universidad Galileo, **Guatemala**
- Universidad Católica Boliviana, **Bolivia**
- Universidad de Ciencias Comerciales, **Nicaragua**
- Pontificia Universidad Católica del Perú, **Peru**

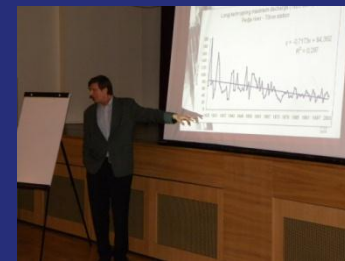


Conclusions



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1. **Universities** hold a key to disseminate knowledge and expertise to build/strengthen adaptive capacity in the Latin American region and beyond.
2. **Fostering international technology transfer** may build and increase capacities in the climate change sector.
3. **Inclusive networks** which allow TT between various parties may represent an important mechanism for transfer processes.
4. The **CELA project** can serve as a best practice example for a transnational approach linking LA and Europe, and HEI with government, businesses and the civil society (quadruple helix).



Thank you for your attention!
! Muchas gracias por su atencion !



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