

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

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Faculty of Life Sciences  
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# 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.

# THE CELA PROJECT

## Challenges and potential of HEI



**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).*



# THE CELA PROJECT

## Overall objectives

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



# THE CELA PROJECT 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](http://www.cela-project.net)



# RESULTS (2010-2013)

## Vast range of outputs – deliverables fulfilled



- **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.**

# THE CELA PROJECT

## Our Partners – key to project success



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Hamburg University of Applied Sciences

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



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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