



# UNIVERSITY OF VALENCIA

(IG-2): Transport & Urban mobility

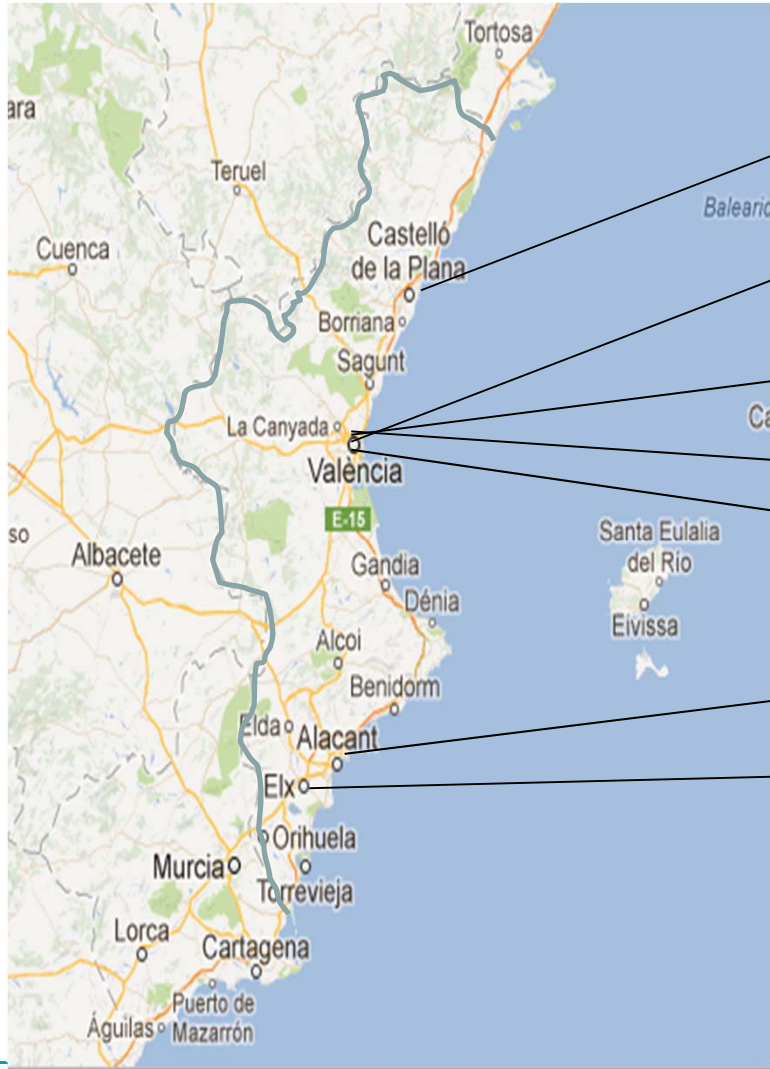
Climate-KIC Education Pillar

Paz Ruiz  
Education Lead - Valencia RIC  
Vicechancellery of Research and  
Scientific Policy

The logo for eit Climate-KIC is located on the right side of the slide. It features the lowercase letters 'eit' in a blue, sans-serif font. To the right of 'eit' are the words 'Knowledge & Innovation Community' stacked vertically in a smaller, green, sans-serif font. Below 'eit' is the text 'Climate-KIC' in a larger, blue, sans-serif font. The entire logo is set against a background of overlapping, semi-transparent circles in shades of blue and green.

eit Knowledge & Innovation Community  
Climate-KIC

# University System of the Valencia Region



University of Jaume I Castellón

University of Valencia

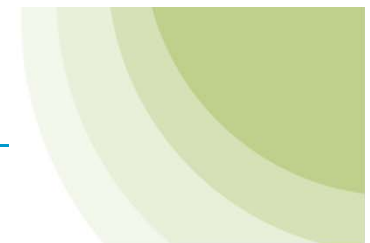
Polytechnic University of Valencia

Catholic University

University CEU Cardenal Herrera

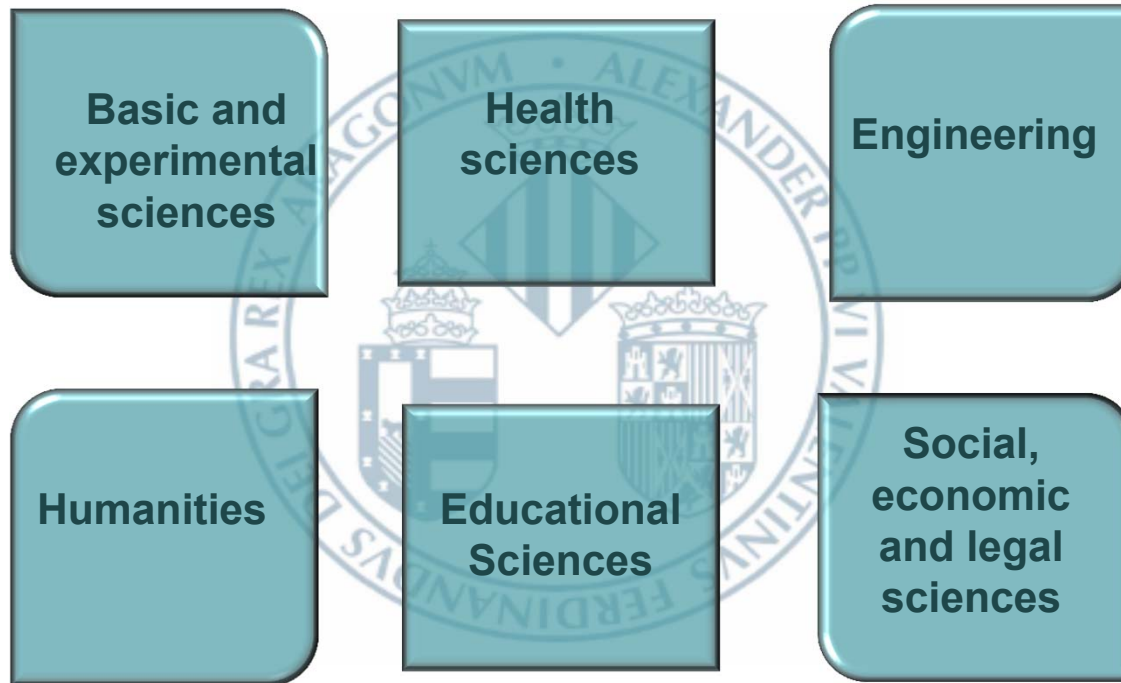
University of Alicante

University Miguel Hernández de Elche



# UNIVERSITY OF VALENCIA

Established in **1499** nowadays it is a **modern international public University**, open to almost all fields of knowledge:



**eit** Knowledge & Innovation Community  
**Climate-KIC**

## Three Campuses in Valencia City

| Blasco Ibañez<br>(180.000 m <sup>2</sup> ) | Tarongers<br>(120.000 m <sup>2</sup> )                       | Burjassot -Paterna<br>(140.000 m <sup>2</sup> )   |
|--|--|---|
| Health sciences<br>and Humanities          | Law, Economics, Social<br>Sciences and Education<br>Sciences | Basic and experimental<br>Sciences<br>Engineering |



# The UV in the quality rankings

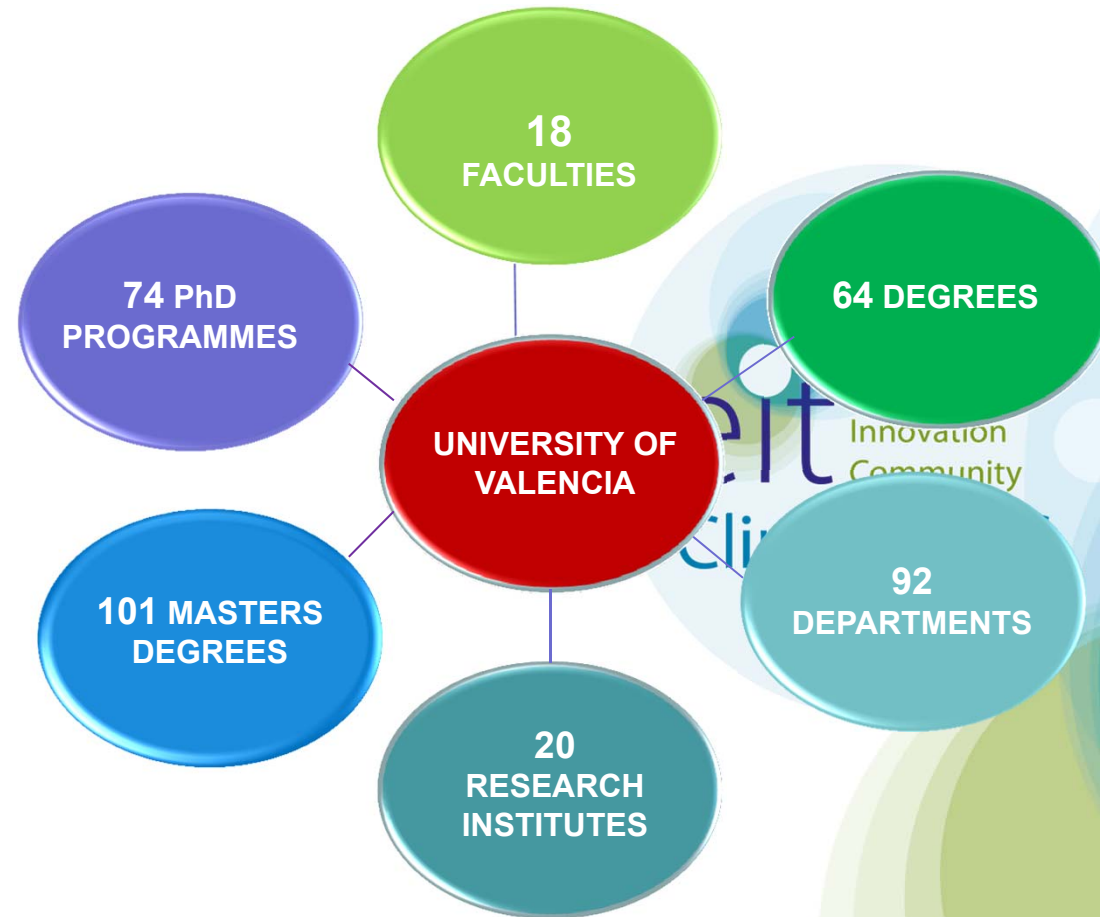


At our region, the University of Valencia is the one with highest research production



# The UV in figures

- **Students: >46.000**
- **Master and PhD students: 4.000**
- **Teaching Staff: >3.000**
- **Administrative staff: 1.800**



# Structures supporting relationship with the business environment and entrepreneurship



Promotes entrepreneurship culture among the academic community. Manages tailored-made postgraduate courses and company placements for students and mobility programmes (Leonardo Da Vinci)



It supports entrepreneurship providing spaces to be hired by spin-off and start-up companies, advising on how to write business plans, raising money from venture capital and business angels.

Specifically created by the University &



- VLC/CAMPUS is the joint initiative promoted by the **University of Valencia (UV)**, the **Polytechnic University of Valencia (UPV)** and the **High Council for Scientific Research (CSIC)** for the creation of a Campus of International Excellence within the metropolitan area of Valencia.
- It aims to promote strategic aggregations between universities and other institutions located in the campus in order to create "knowledge ecosystem" that promote employment, social cohesion and economic development.

- The strong presence of these entities in the metropolitan area provides a unique opportunity to strengthen the links between the campus and the city where the VLC / CAMPUS infrastructures are





## Innovation Groups (IG)

|  | <b>Innovation Groups (IG)</b>                     |   |  |
|--|---|---|--|
| <b>8 Challenge Platforms</b>                             | <b>IG1<br/>BUILDINGS &amp;<br/>NEIGHBOURHOODS</b> | <b>IG2<br/>TRANSPORT &amp;<br/>SUSTAINABLE MOBILITY</b> | <b>IG3<br/>INDUSTRIAL<br/>PROCESSES &amp;<br/>BIOECONOMY</b> |
| <b>TRANSFORMING THE<br/>BUILT ENVIRONMENT</b>            |   |   |  |
| <b>SUSTAINABLE CITY<br/>SYSTEMS</b>                      |   |   |  |
| <b>MAKING TRANSITIONS<br/>HAPPEN</b>                     |   |   |  |
| <b>INDUSTRIAL SYMBIOSIS</b>                              |   |   |  |
| <b>GREENHOUSE GAS<br/>MONITORING</b>                     |   |   |  |
| <b>BIO-ECONOMY</b>                                       |   |   |  |
| <b>LAND AND WATER<br/>ENGINEERING FOR<br/>ADAPTATION</b> |   |   |  |
| <b>CLIMATE SERVICES</b>                                  |   |   |  |

**Leader of the IG**

IVE

UV

UPV

# UV Supporting the PiP

- **IG2: GHC Monitoring & Sustainable Mobility.**

8 Pioneers (5 Enterprise 3 Academia)

Host (4 placements in companies, 3 placements at the University, 1 Local Government)

- **UV is hosting**

5 valencian pioners

3 International pioners

The logo for 'eit Climate-KIC' is positioned on the right side of the slide. It features the lowercase letters 'eit' in a blue, sans-serif font. To the right of 'eit', the words 'Knowledge & Innovation Community' are stacked vertically in a smaller, green, sans-serif font. Below 'eit', the words 'Climate-KIC' are written in a larger, blue, sans-serif font. The background of the slide on the right is decorated with several overlapping, semi-transparent circles in shades of light blue, teal, and green, creating a modern, abstract design.

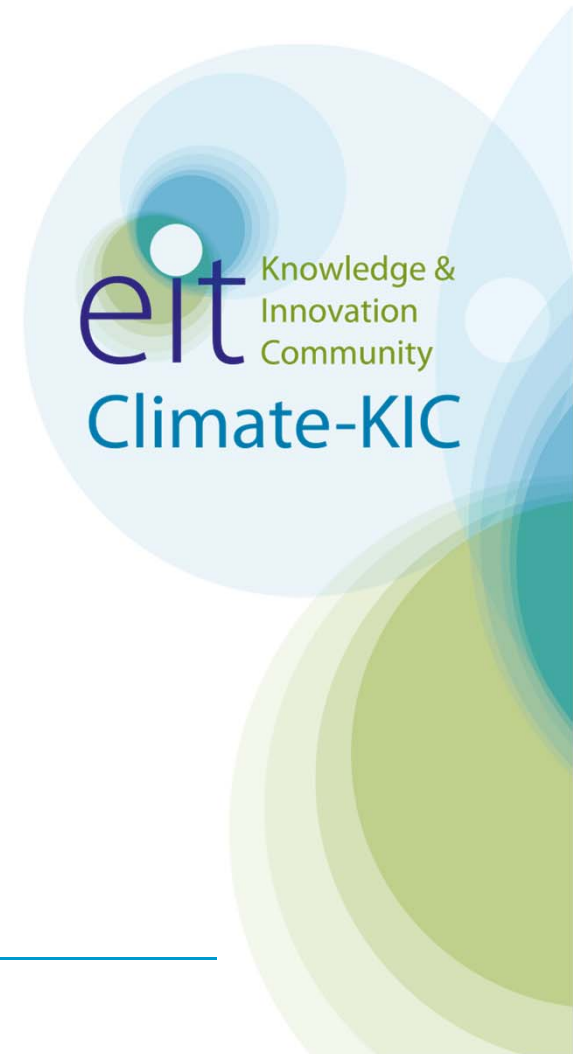
eit Knowledge & Innovation Community  
Climate-KIC

# RIC Education Framework

Extend knowledge and develop  
business opportunities

*“Chance only favours the  
prepared mind”*

*How does Climate KIC Education create  
successful Innovators?*



# Role of participants

- **Innovation Entrepreneurs**

Entrepreneurs take innovation ideas to market through developing new businesses.

- **Innovation Intrapreneurs**

Intrapreneurs take innovation ideas to market through existing businesses. They are the change agents in existing businesses.

- **Innovation Enablers**

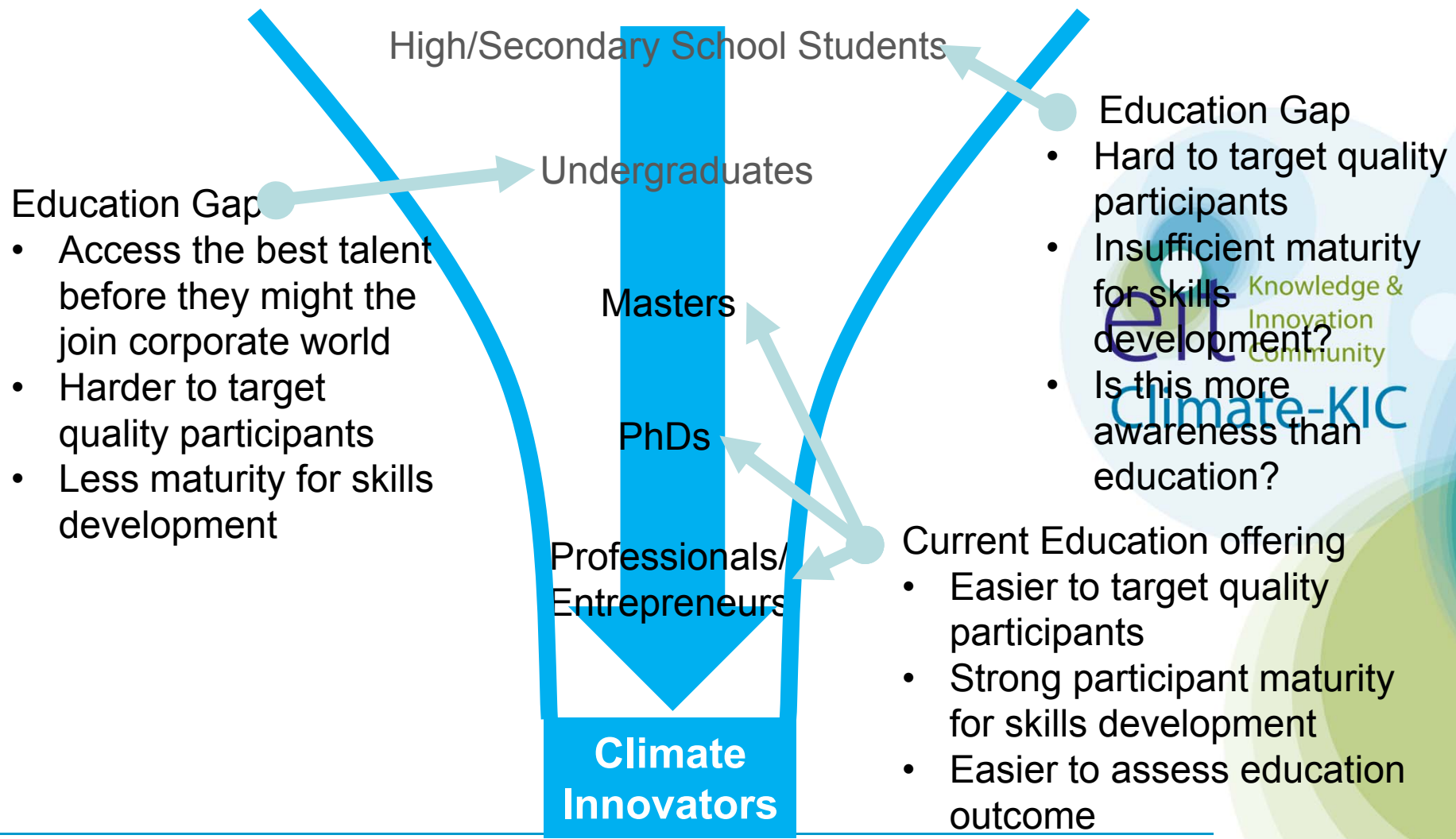
Enablers address the systemic challenges to climate change innovation. They inspire, catalyse, inform and support the Entrepreneurs and Intrapreneurs in actionable innovation ideas. Their role is more often indirect, although the system changes they implement are considered innovation ideas in themselves. Enablers are sometimes referred to as Multipliers or Facilitators for this very reason.



The logo for eit Knowledge & Innovation Community Climate-KIC is located on the right side of the slide. It features the lowercase letters 'eit' in a dark blue font, with a white dot above the 'i'. To the right of 'eit' are the words 'Knowledge & Innovation Community' in a smaller, green font. Below this, the text 'Climate-KIC' is written in a larger, dark blue font. The logo is set against a background of overlapping, semi-transparent circles in shades of blue and green.

eit Knowledge & Innovation Community  
Climate-KIC

# Climate KIC Education: The Participant Pipeline





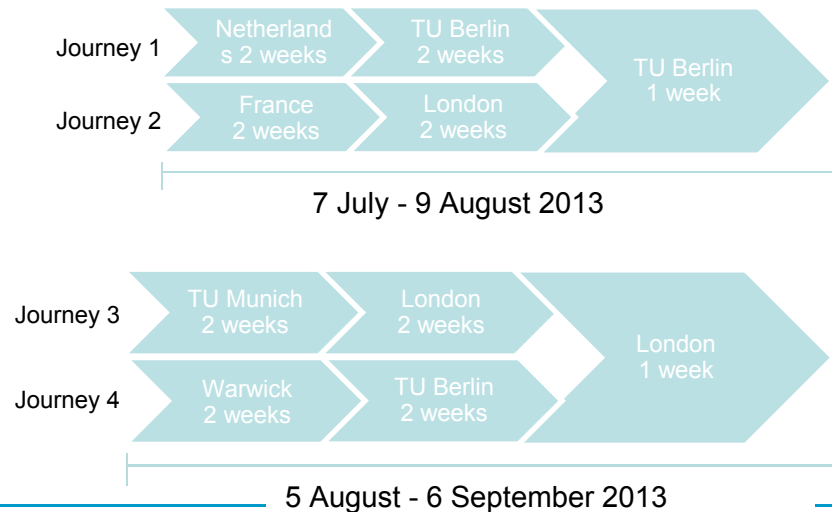
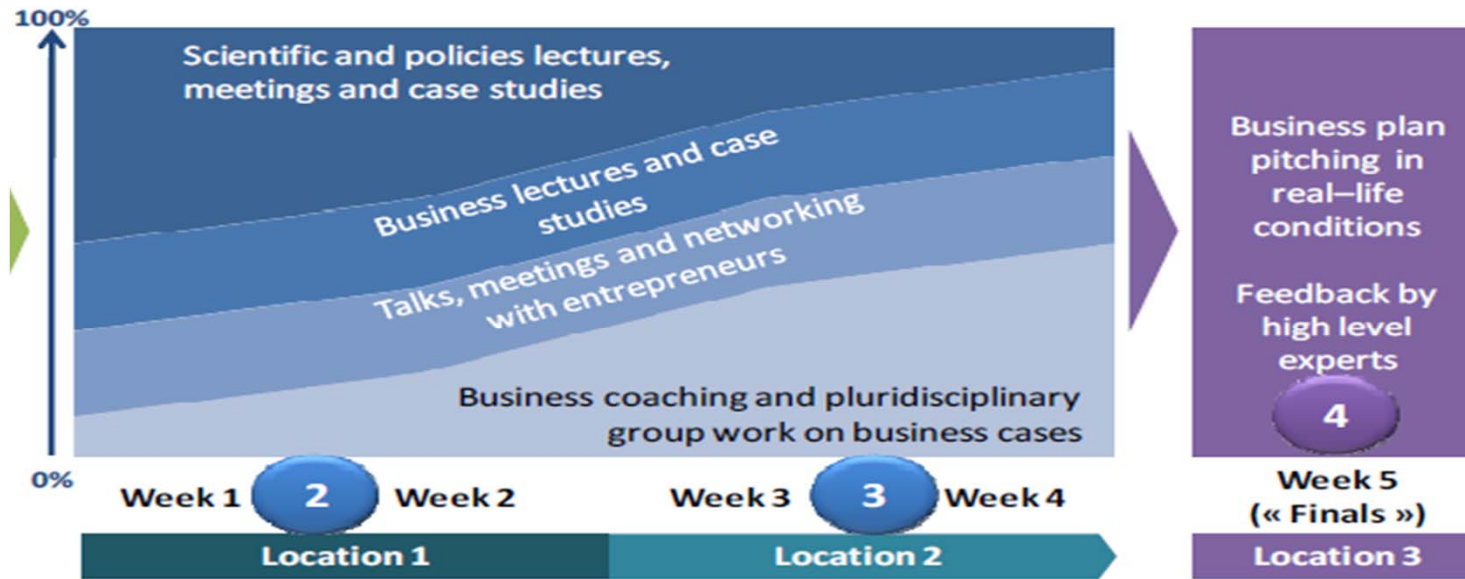
# Education activities

- **RICs are participating in the existing education activities for label programmes:**
  - Organisation of the Journey
  - PhD student integration into platforms
  - Placements for students as Internships
  - Participation of students/pioners in projects
- **Launching new initiatives**
  - Journey for professionals – linking the PiP programme
  - Internal training programme supporting the innovation pillar (UPV)
  - Workshop “the Entrepreneurial Scientist’ (UV)
  - Executive education: Conference for corporates and SMEs (UV)



eit Knowledge & Innovation Community  
Climate-KIC

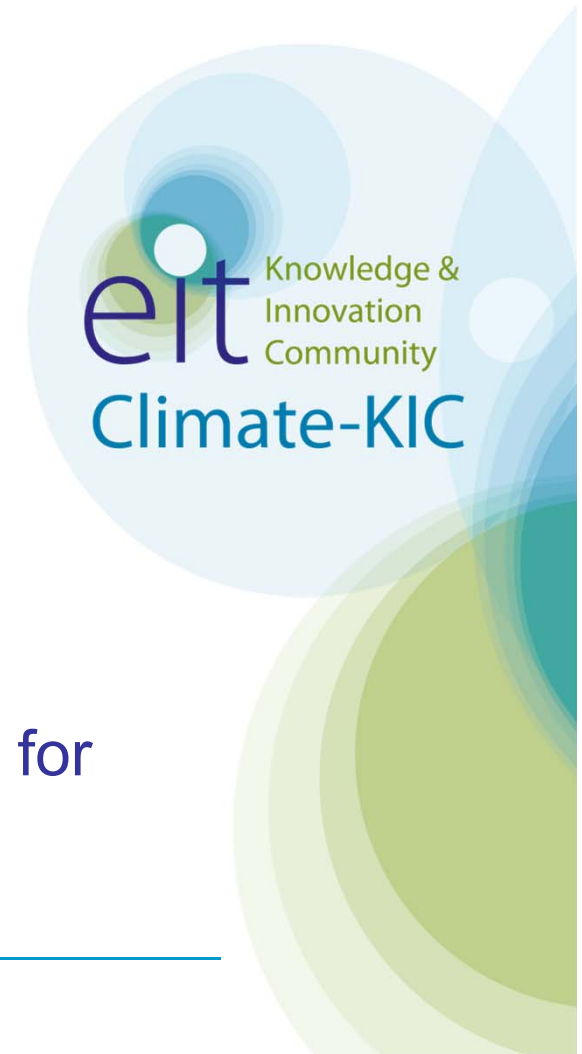
# The Journey



September 2013,

# What CKIC Education aims at?

- **Impart knowledge**
  - Climate Change science, practice and policy
  - Business models, practice and finance
  - Network
- **Uncover and cultivate talents or skills**
  - Creative Thinking
  - Self-awareness
  - Leadership
  
  - Risk Taking
  - Resilience
  - Business Savvy
  
  - Systems Thinking
  - Influencing
  - Manage Complexity
  - Strategic
- **Help participants find the role that is best for them**



# Conference Climate Change Challenges & business opportunities

(15<sup>th</sup> November 2013, Science Park of the University of Valencia)

**Intergovernmental Panel for CC (IPPC), ESA and NASA**

**John Ashton:** One of the world's leading climate diplomats, adviser on the politics of climate change for three successive UK Foreign Secretaries.

**Science Park University of Valencia**

**Ebrahim Mohamed,** Director of Climate KIC Education Pilar, other business experts from **Innoenergy KIC**

## Technology Innovation Landscape

3 scenarios: Earth Observation, Energy Efficiency, Water

## Policy driving Tech Innovation

John Ashton

## Tech Commercialisation with Case studies

## Business Panel Discussion

September 2013, Valencia



**Thanks!**

Paz Ruiz

Education Lead - Valencia RIC

Vice Chancellery of Research and Scientific Policy

[paz.ruiz@uv.es](mailto:paz.ruiz@uv.es)

phone: +34 96 3544100

