



# The Valencian RIC within Climate KIC



# Introduction

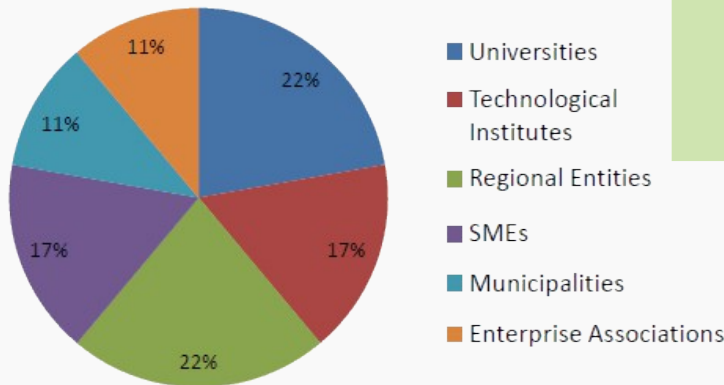


**17 affiliate partners**

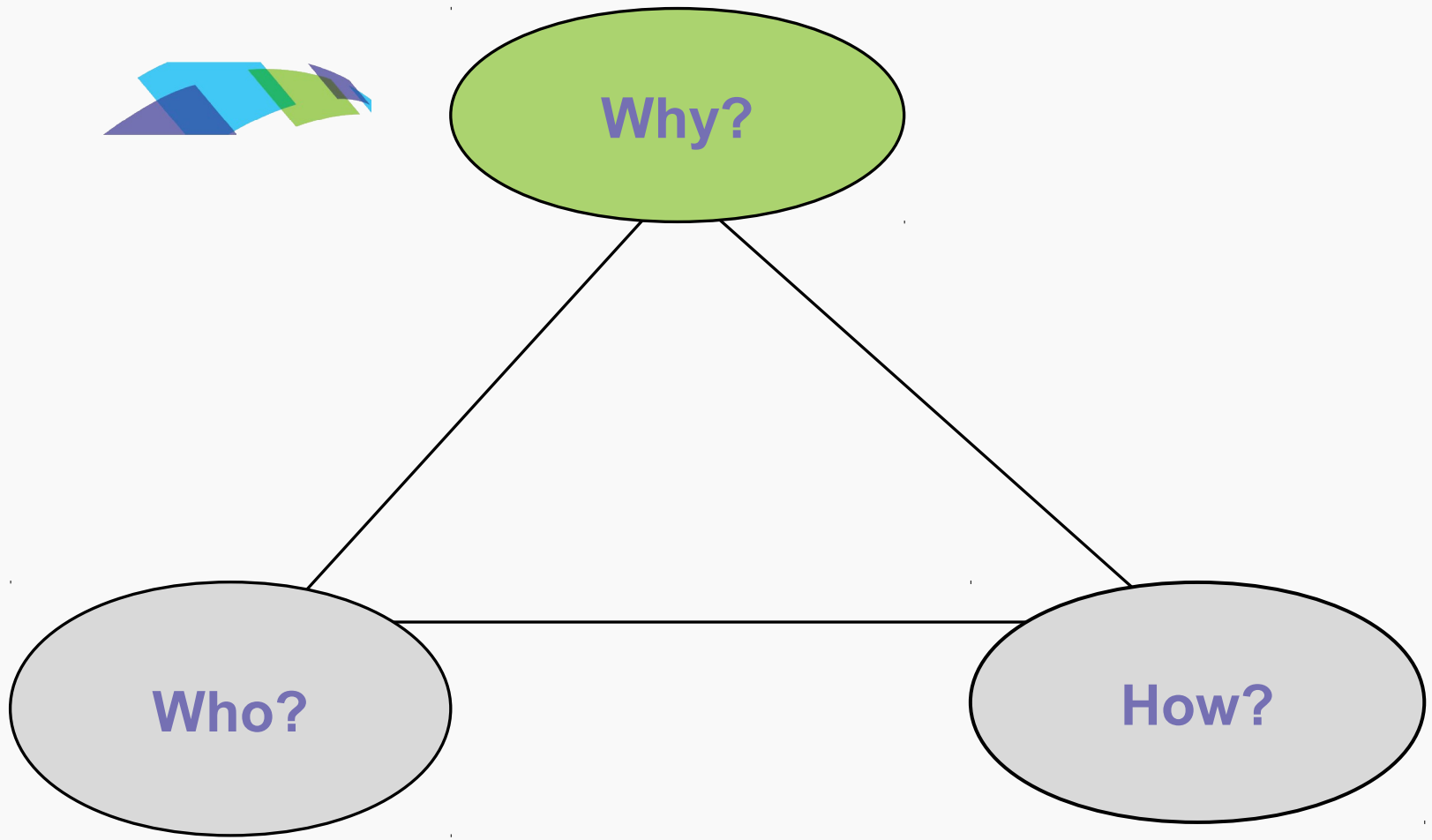
**+ 2 affiliate partners: IVACE and UV**

**+ 5 affiliate partners: VAERSA, IVIA, INNDEA, FPV, CHJ**

**1 Core partner  
10-15 Affiliate partners  
10-15 Support partners**



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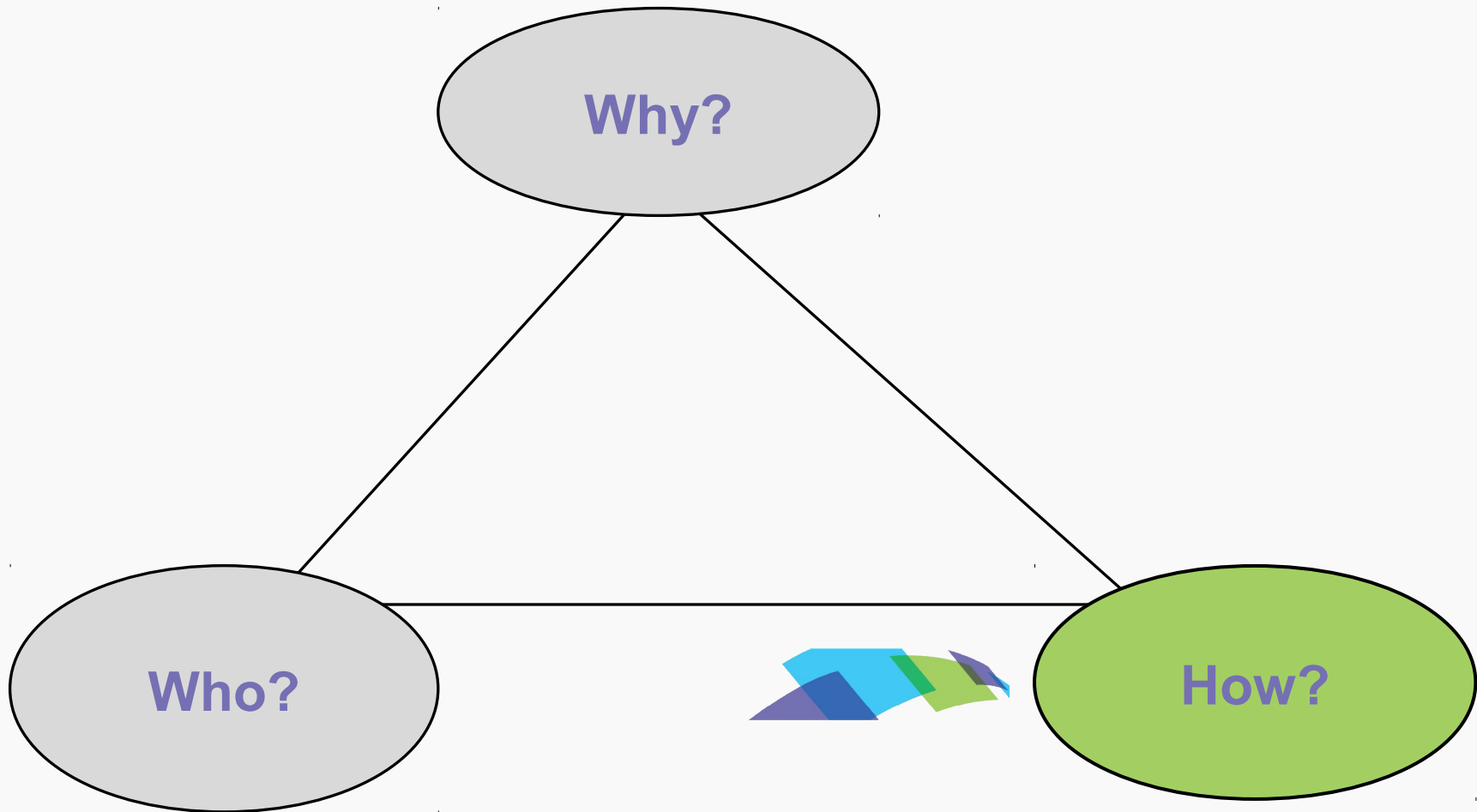
## KEY GUIDELINES

- RIC Valencia intends to lead the innovation policy and practice on climate change at regional level aiming at developing a lower carbon emitting economy through business development that addresses growth and sustainability.
- That objective will be accomplished by growing participation in Climate KIC of city and regional authorities, small and large companies, universities and research bodies.

## RIS 3 STRATEGY

- IVACE is also responsible for the Research Innovation Strategies exercise in the region and has produced its RIS3 Matrix
- This matrix of priorities states and emphasizes climate change and sustainability criteria as cross-cutting and common to its three priority axes : Quality of life (tourism, agrofood & health), Innovative Products (consumer goods, life style) and New Advanced Industrial Processes (manufacturing & automotion)
- Energy and environmental technologies are a priority within the technological specialization fields of our RIS3
- The specific objectives set for those technologies are fully in line with the concerns and objectives of Climate KIC.
- The Valencian RIC is destined to play a major role in ensuring the achievement of those objectives by the direct, ever growing action being taken in Climate KIC projects.

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# How: Action guidelines

- **Consolidation** of activities developed until present.
- Establishment of **bilateral links** with outreach partner regions encouraging coordination and synergies between the EEN facilities and operators.
- **Increase of capacity:** Direct involvement of Valencian partner universities in the creation of professional education EIT labelled offerings, further involvement of Valencian EBN BIC's in green entrepreneurship incubation, securing presence at a growing number of regional innovation events and ensuring high attendance at the annual Climate-KIC Innovation festivals – next one to take place in Valencia-
- **Collaboration with other KIC's:** The built environment is an area where collaboration with the other two KIC's is envisaged. The Valencian RIC is particularly strong in this area in complementarity and synergism with partners such as IVE and AIDICO.
- Furthermore, **participation in future KIC's** is currently being encouraged and supported by IVACE and FCVRE. Should those proposal succeed, RIC Valencia will be in a privileged position for collaboration.

- The Valencian Ecosystem (all pre-existing climate change related initiatives) is being gradually contributed into Climate KIC activities and projects.
- The pillars of Climate KIC coincide with those of the Region in fostering innovation and IVACE, as the regional authority to implement fostering innovation policies has an average annual budget of 66 M € which is mostly ERDF and ESF cofunded and destined to subsidies to companies and entities.
- More precisely, within the Spanish Framework for Renewable Energies for the period 2011-2020 which implements U.E. directive 2009/28, the Valencian Regional Government will issue, through IVACE, annual public calls for the benefit of sme's and entities.
- This implies, for the period 2011-2020, the alignment of ERDF funding of our Operational Programme with Climate KIC funds. Thus complementary funding of Climate KIC projects required by EIT is mostly guaranteed.

- Thermal solar energy
- Photovoltaic solar energy or mixed eolic-photovoltaic
- Electric or thermal biomass
- Electric or thermal biogas
- Geothermal energy
- Minihydraulic energy
- Biofuels

## EDUCATION

- EIT Master Programs Labelled : Starting in 2014
- Student business ideas incubated : Starting in 2014
- Summer schools organised : 2
- Masters and PhD students involved : 17
- e.g. : The workshop, *Entrepreneurial Scientist* fostering business spirit of both climate change professors and their pupils.

## ENTREPRENEURSHIP

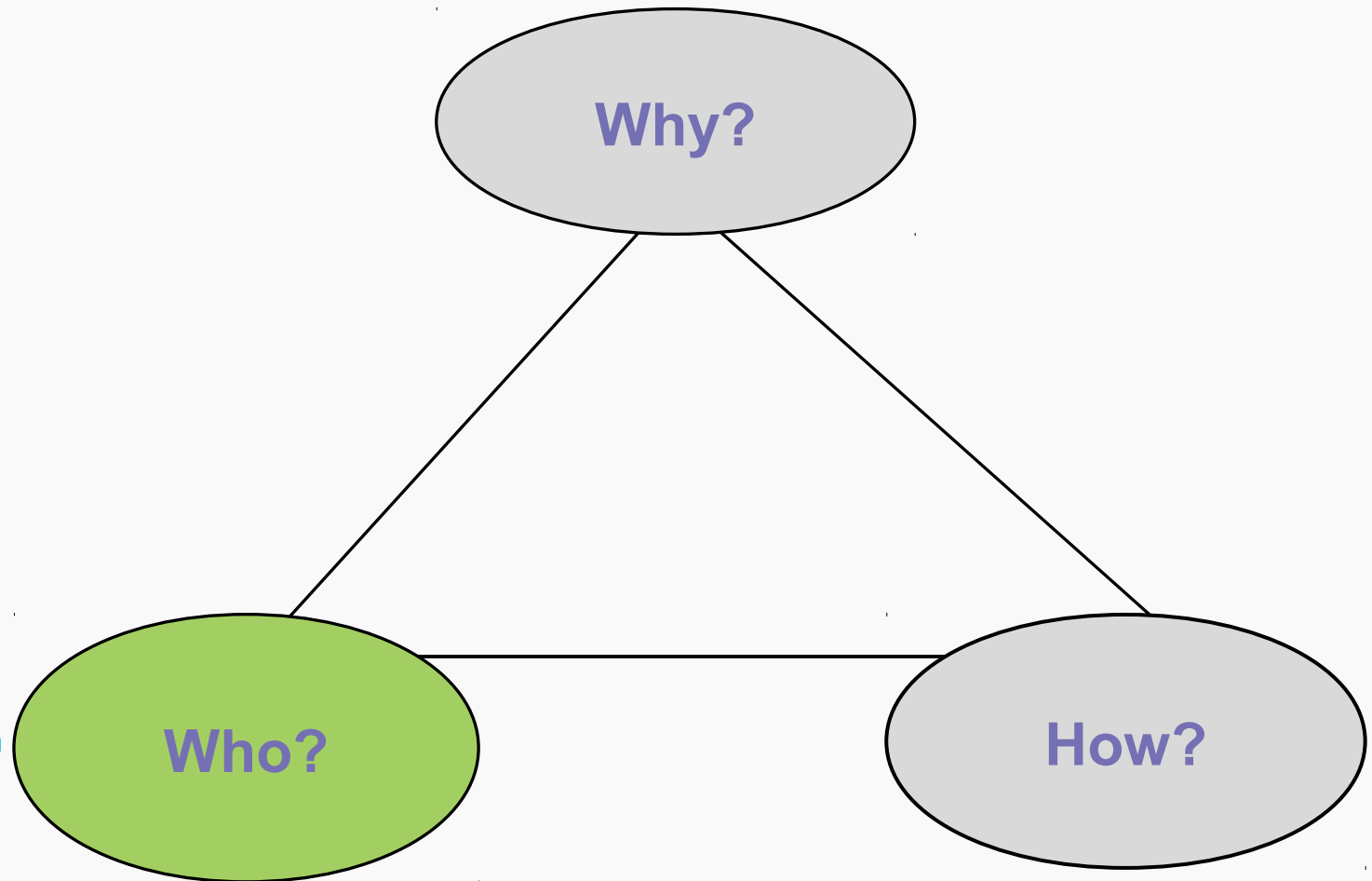
- Pioneers : 163 hosted, 154 placed
- New business ideas incubated : 15
- Match making events held : Late 2013
- Project proposals submitted to calls : 36
- e.g.: The project, *Smart Home Energy System* consisting of highly parametered and detailed energy metering enabling easy consumption reduction at competitive prices.

## INNOVATION

- Innovation projects launched : 24
- Services or products developed : Starting in 2014
- New jobs created : 36 direct and 12 indirect
- Policies and standards co-developed : Starting in 2014
- e.g.: The *Less Competition*, a challenge led contest encouraging further CO2 emission reduction technologies at supermarkets, such as air conditioning and lighting.



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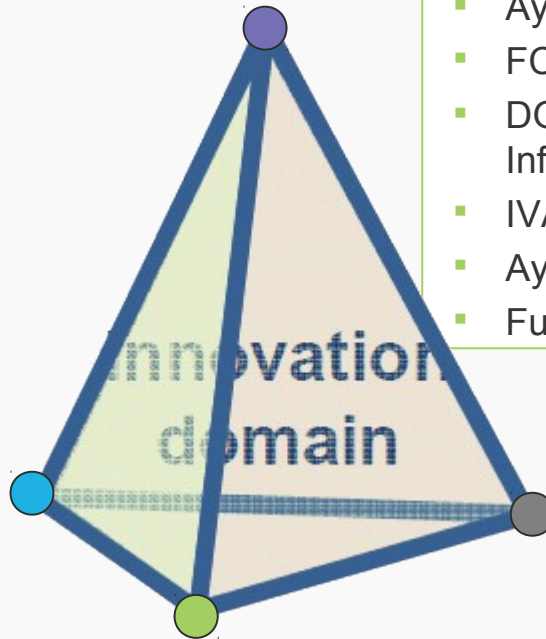
# Who: Partners affiliated

## RESEARCH

- Instituto Valenciano de la Edificación (IVE)
- AIDICO
- Asociación de Industrias del Mármol
- Instituto Tecnológico Cerámico
- Instituto Tecnológico de la Energía
- IVIA
- VAERSA

## GOVERNMENT & PUBLIC BODIES

- FVMP
- Ayuntamiento de Castellón
- FCVRE
- DG Obras Públicas (Conselleria Infraestructuras, Territorio y Medio Ambiente)
- IVACE (Core Partner)
- Ayuntamiento de Valencia (INNDEA)
- Fundación Puerto Valencia



## EDUCATION

- Universidad de Alicante
- Universidad Politécnica de Valencia
- CEU-Cardenal Herrera
- Universidad de Valencia

## BUSINESS

- MIDEME
- Edinn
- Adding technology.
- AVAESSEN
- Federación Vciana. de Empresarios de la Construcción (FEVEC)
- IMECAL (pending)

# Who: Infrastructure & main actors

## 2013

- Although a regional centre with permanent staff is envisaged for 2014, currently management of RIC Valencia is implemented from the premises of the following partners:
- FCVRE and IVACE: Pioneers into Practice and overall administrative management and coordination of the pillars.
- IVE (Valencian Institute for Construction) and IVACE: Innovation pillar
- Castellón City Council: Entrepreneurship pillar
- University of Valencia: Education pillar

## 2014

- Within the 2014 Business Plan, the establishment of a hub office is foreseen for the Valencian RIC:
- Physically located at the Valencian Excellence Campus
- Staffed permanently with experts from FCVRE, IVACE, University of Valencia, Polytechnic University of Valencia, Research & Innovation Centres, SME representative.