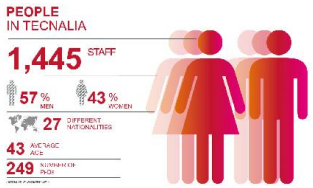
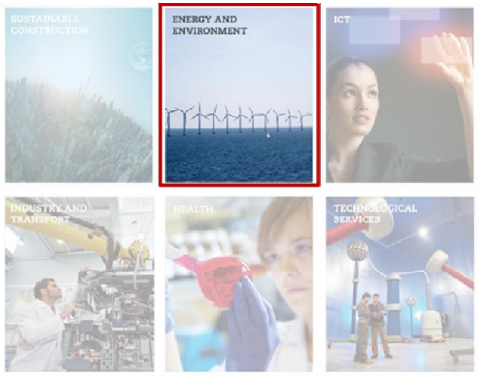
Intro to TECNALIA



6 INTERCONNECTED
BUSINESS DIVISIONS



About myself

Carlos Tapia

Born in Bilbao in 1975

Degree in Geography

PhD in Development Geography, with a focus on rural and environmental issues

Long **trajectory** (over 15 years) in several European and international research projects in various EU countries and abroad: Namibia, Argentina, Colombia, Ecuador...

Main **focus area**: sustainability assessment of coupled human-environment systems

Main area of **expertise**: construction of integrated and multi-dimensional indicator frameworks

Past **research experience**:

- Spatial planning and land use change
- Territorial development:
  - Urban-rural relations
  - Cross-border cooperation
  - Green and circular economies
- Adaptation to climate change (vulnerability and risk analysis)

CURRENT RESEARCH INTERESTS

- **Evaluation of land use change on ecosystem services in peri urban areas (e.g. urban sprawl, land take and soil sealing processes)**
- **Evaluation of territorial impacts of bio-economy transitions**
- **Evaluation of social and environmental impacts of specific bio-refining technologies**

- **Expectations and open questions:**
  - **Usability of ARIES at large territorial scales.**
  - **Potential combination of ARIES with other modelling tools (e.g. LCA tools, system dynamics, equilibrium models, I/O models, etc.)**