universidade de aveiro
theoria poiesis praxis

portugal

October 14, 2011

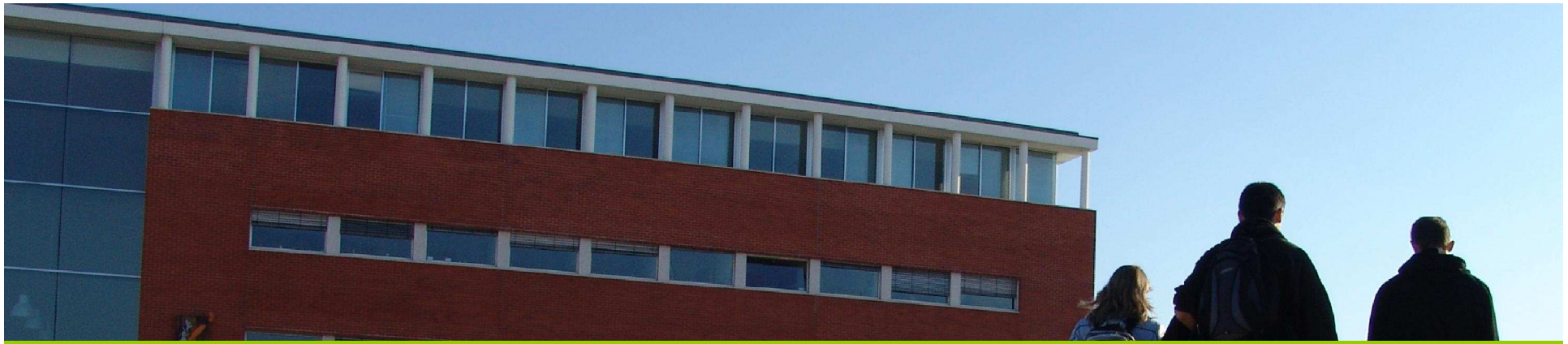
university rankings

2011-2012 THE ranking

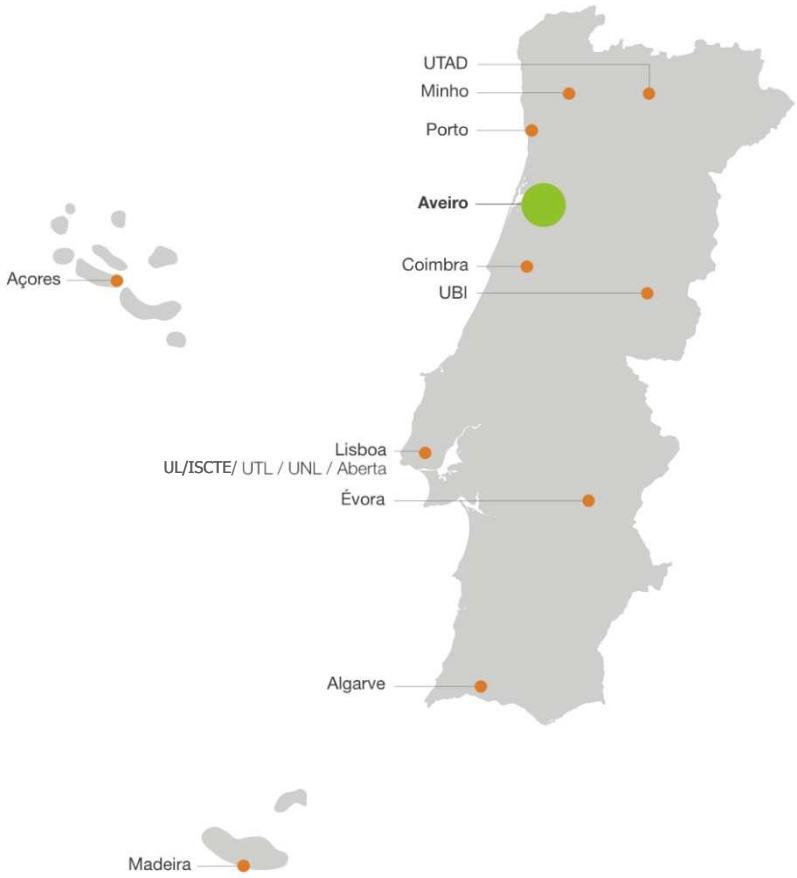
- Amongst the 350 best world universities
- The best portuguese university
- The 8th best latin america university

Ranking of the Higher Education Evaluation and Accreditation Council of Taiwan – Materials Science :

- 1st Portuguese University;
- 32th European University



portuguese public universities localization



a unique organization

- ✓ **young (1973), innovative – education, research, cooperation, tech transfer**
- ✓ **binary system –**15 000 students, 1000 teaching staff, 100 pos-docs, 100 reserchers
  - university (16 Departments)
    - 31 license degrees (4567 students)
    - 6 integrated masters (2431)
    - 62 masters (2453)
    - 65 doctoral programmes (1334)
  - Polytechnic schools (since 1997, 4 schools)
    - 16 technical specialization degrees (1050)
    - 20 license degrees (2424)
    - 3 masters (279)
  - Lifelong learning (230)
- ✓ **Public foundation with private law**
- ✓ **Yearly budget** ~ 100 M€

departments

engineering

- Electronics and Telecommunications
- Environment and Planning
- Ceramics and Glass Engineering
- Mechanical Engineering
- Civil Engineering

education

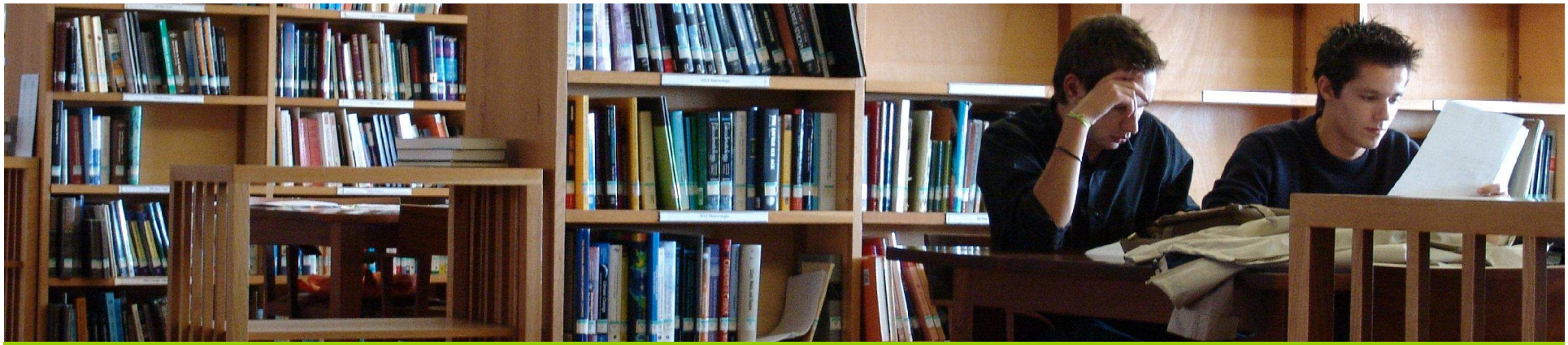
- Sciences of Education

science

- Chemistry
- Biology
- Physics
- Mathematics
- Earth Sciences

others

- Languages and Cultures
- Media and Arts
- Social and Political Sciences
- Health Sciences
- Economics, Management and Industrial Engineering



internationally recognized education

ECTS Label

The European Commission awards the European Credit Transfer and Accumulation System Label from 2009 to 2013 to:

UNIVERSIDADE DE AVEIRO

Diploma Supplement Label

The European Commission awards the Diploma Supplement Label from 2009 to 2013 to:

UNIVERSIDADE DE AVEIRO

EUR-ACE

Engenharia Electrónica e Telecomunicações
(Electronics and Telecommunications Engineering)

Universidade de Aveiro

Ordem dos Engenheiros

EUR-ACE

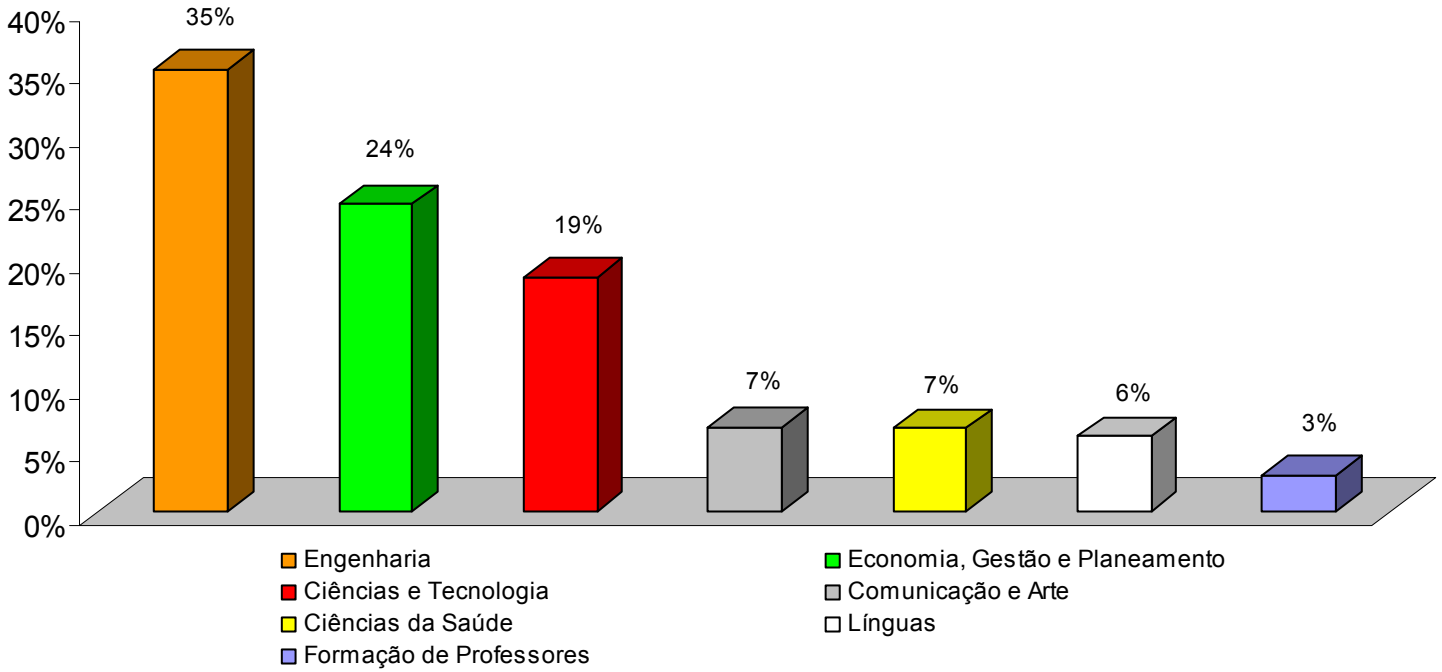
Mestrado Integrado em
Engenharia Química

Universidade de Aveiro

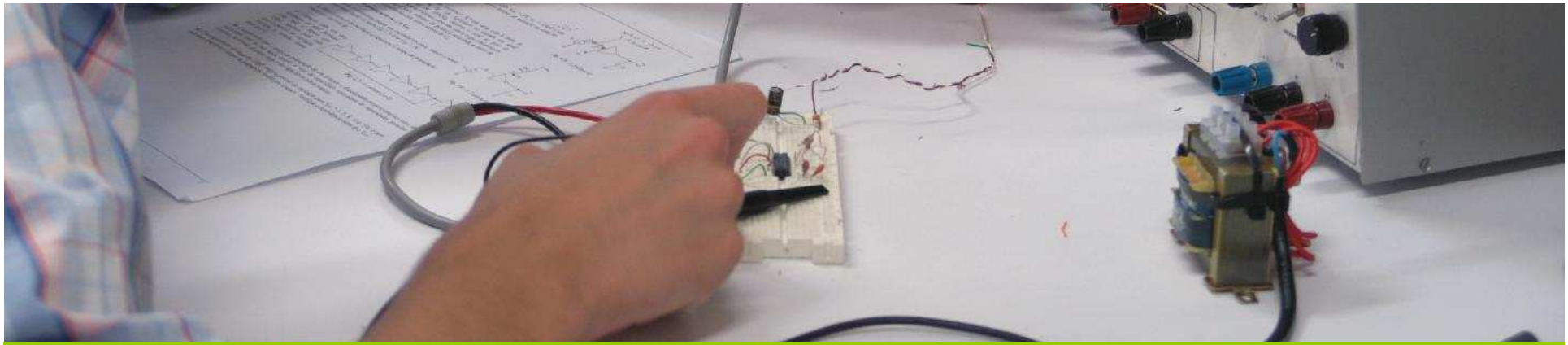
Ordem dos Engenheiros

wide range education with focus on science & engineering

✓ **Nb of students in each scientific area** (university and polytechniques) **2010/2011**

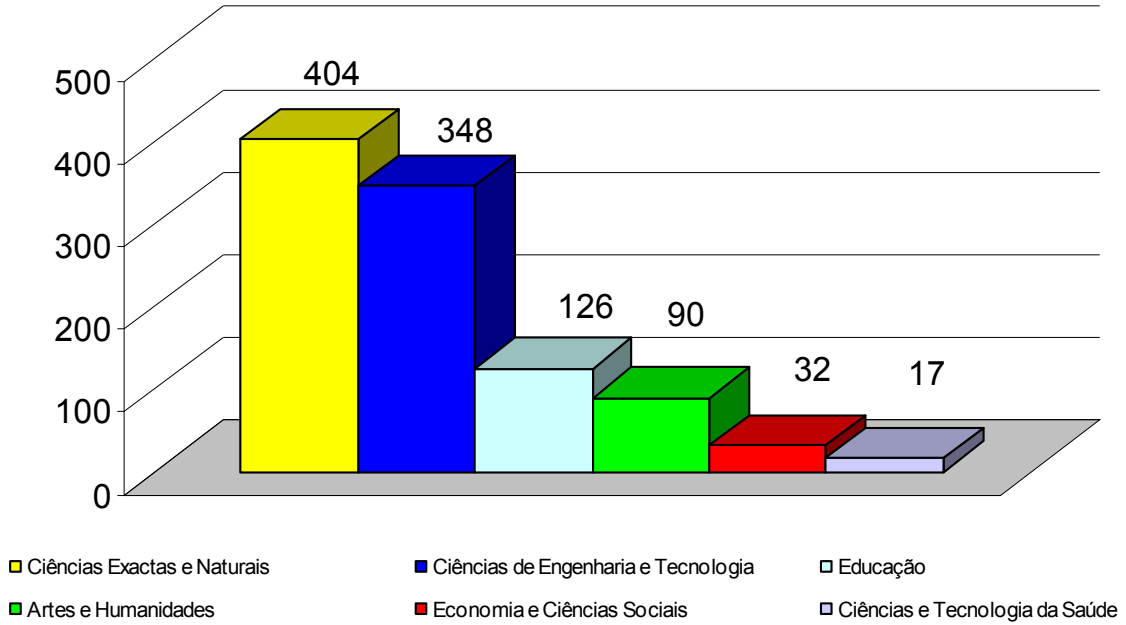


Fonte: GPE, Dezembro 2010



wide range education with focus on science & engineering

✓ **Nb PhD diplomas in each scientific area** (1980-2010)

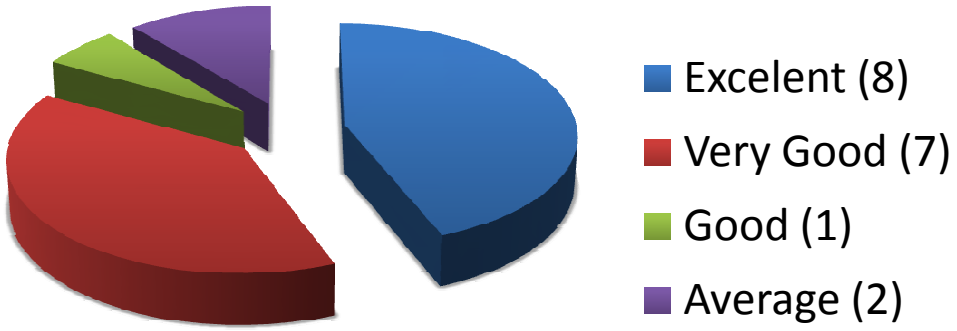


Fonte: Conselho Pedagógico, Dez. 2010

excellence in research

✓ **18 Research units (4 Associate Laboratories)**

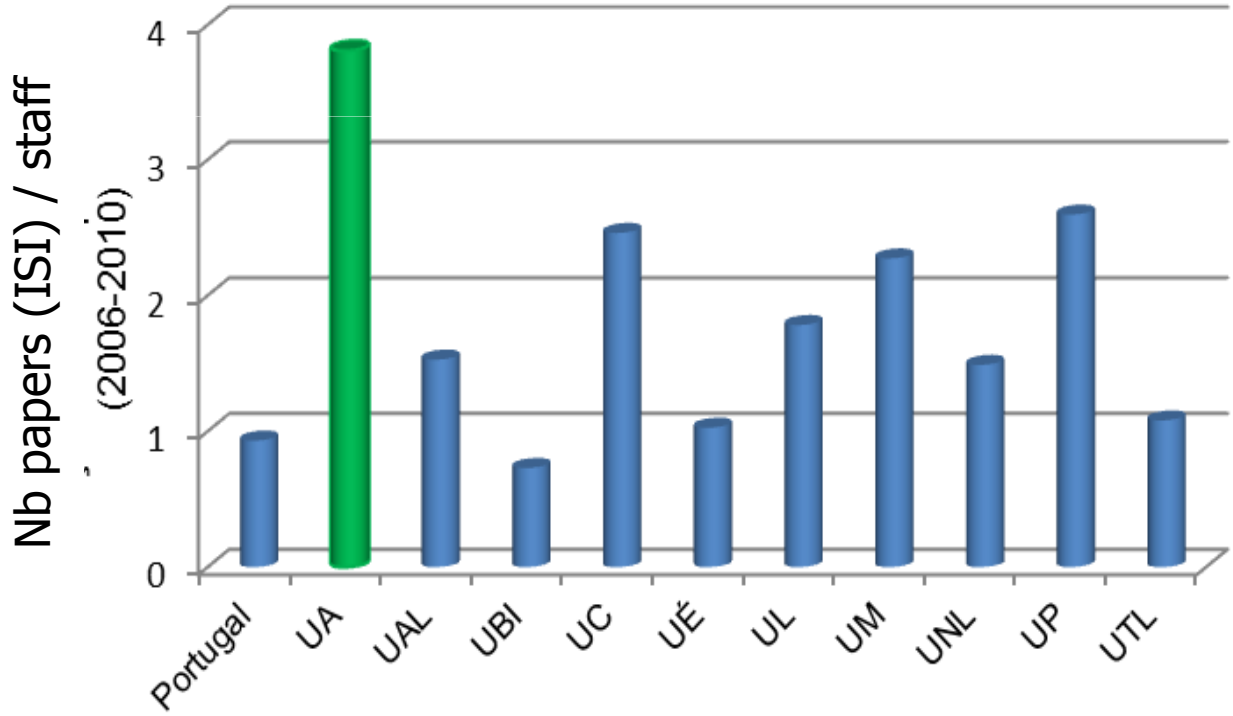
- evaluation by international boards
- 83% scored as excelent or very good



excellence research areas

- materials *(12nd in citations, Europe)*
- environment and marine sciences
- electronics and telecommunications
- natural and agro-food products
- education

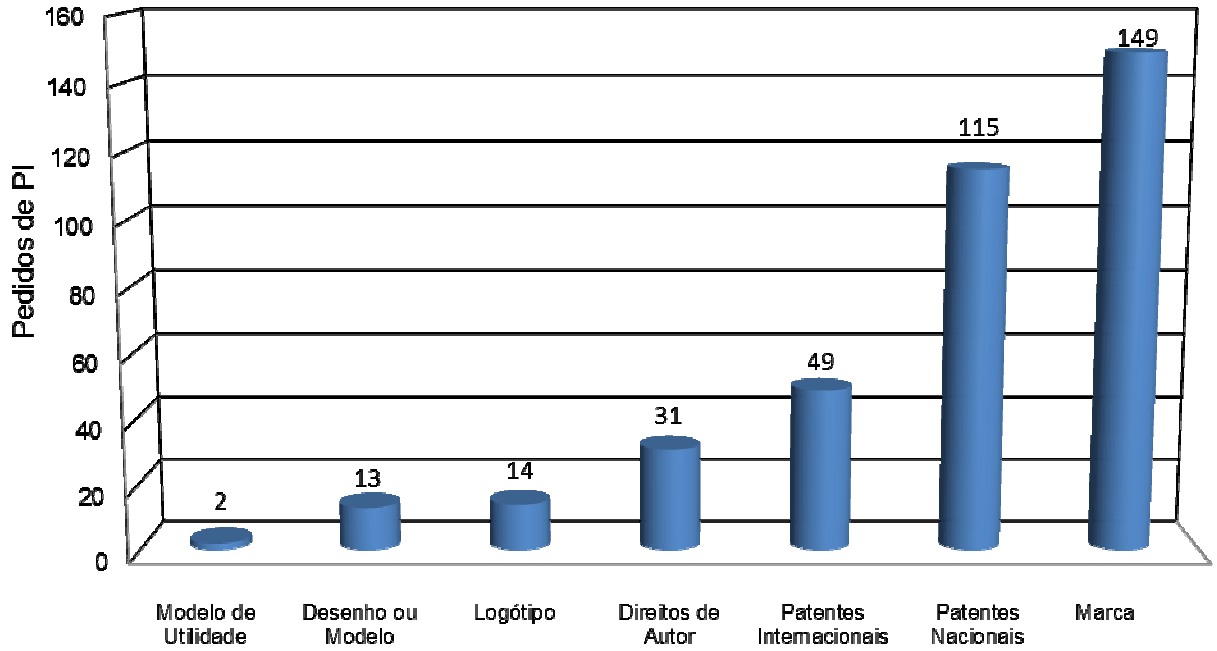
the highest scientific publication in Portugal



SURCE: ISI; GPEARI; Sites; UNESCO

research with impact on innovation and entrepreneurship

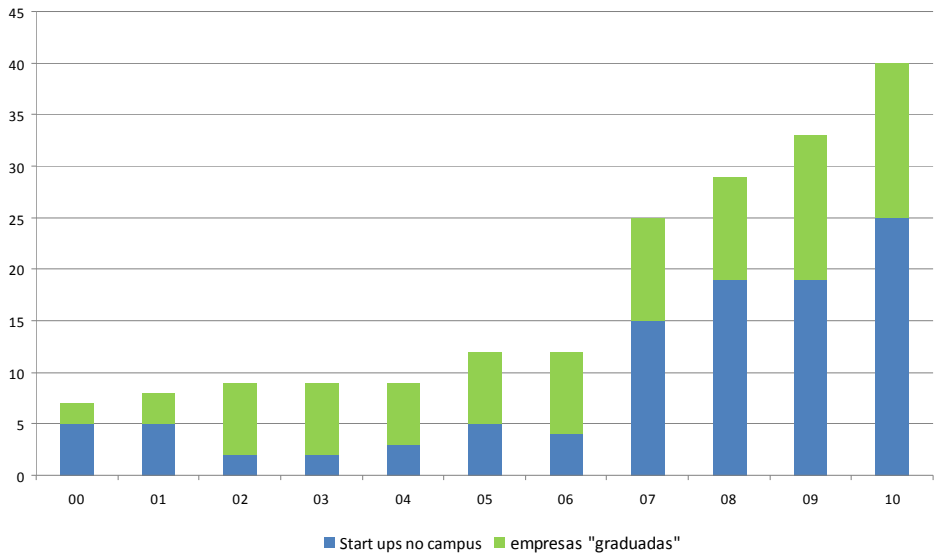
- ✓ **protecting intellectual property (accumulated figures)**
- ✓ **the highest the number of pattents filled in 2010 amongst portuguese universities**



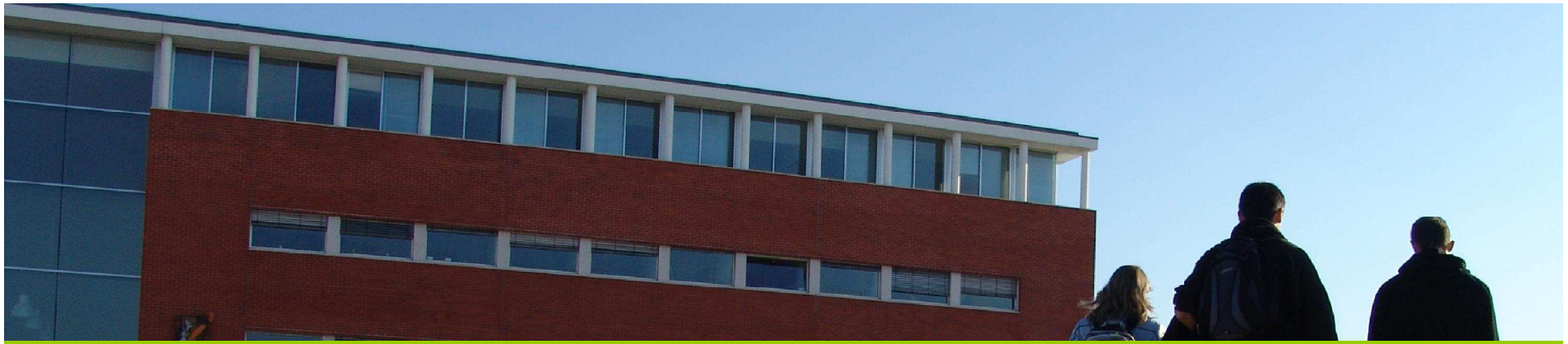
Source: UATEC, Dez. 2010

research with impact on innovation and entrepreneurship

Number of start-up companies
(accumulated figures)



Source: IEUA, Dez. 2010



supporting and interface units

UATEC – Technology Transfer Office

- intellectual property protection, management and valorisation
- entrepreneurship promotion and support for technology-based company creation
- support to the promotion of industrial innovation
    - survey of companies needs and matching with the researchers skills
    - support to proposals preparation: contracted services and R&D projects in consortium
- promotion of technological platforms

supporting and interface units

IEUA – Incubator of the Aveiro University

- internal services
  - hosting of incubated companies
  - incubation support services

- external services (region)
  - incubators management
  - support to the promotion of entrepreneurship and innovation

IEUA incubadora de empresas universidade de aveiro

supporting and interface units

GUE - University-Enterprise Office

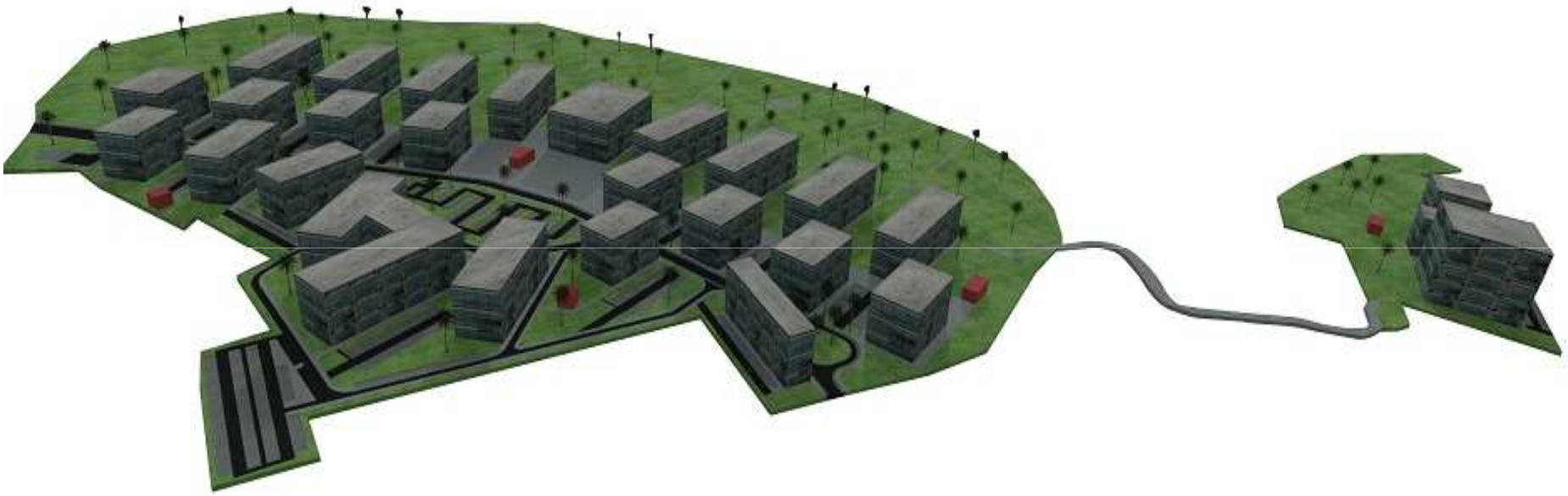
- promotes the skills and services (portfolio) of Aveiro University
- the door of all resources at UA, for companies

Skills and Services Portefolio – "UA Empresas"
printed version and online database – http://portefolio.ua.pt/)

skills and services portfolio

Creative Science Park – Aveiro Region

creative
science park
aveiro region



a platform for competitive intelligence

Shareholders

- Scientific and Technological System
  - Universidade de Aveiro
- Municipalities
  - CI Região de Aveiro
  - Câmara Municipal Ílhavo
  - Câmara Municipal Aveiro
- Institutions
  - Portus Park
  - AIDA
  - Inova Ria
  - ANJE
  - APA

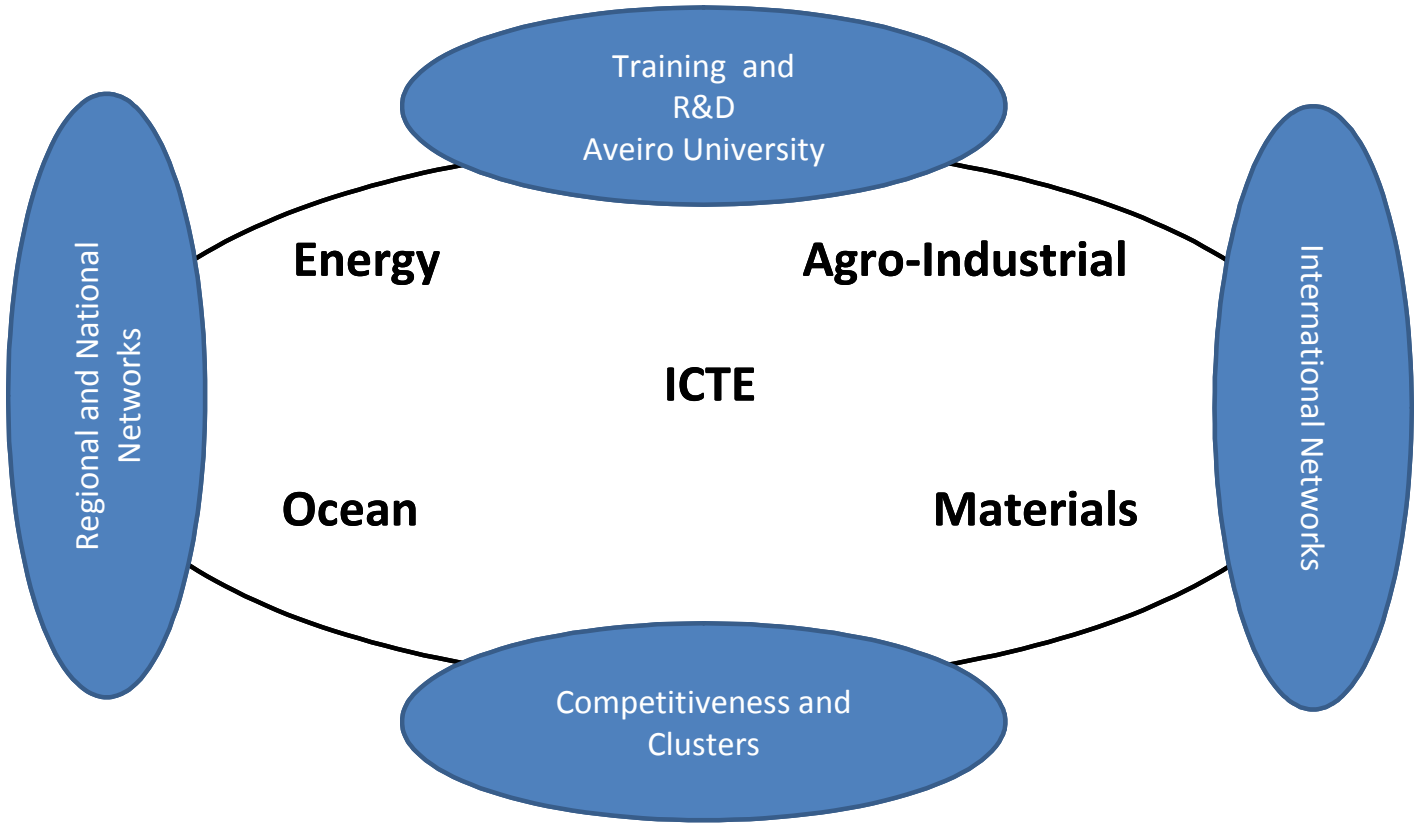
- Companies
  - Martifer
  - Visabeira
  - PT inovação
  - Civilria
  - Durit
  - Rosas
  - Ramalhos
  - Exporlux

  - CGD
  - BES

35 M€ investment, 2011-2013

Integrated Strategic Goals

creative science park
aveiro region



supporting and interface units

Science and Innovation Park
CSP – *Creative Science Park*

creative science park
aveiro region

- hosting of companies
- business incubation
- promotion of innovative business projects
- laboratories of common use
- support services to innovation

Thanks!