E-Planning at FCT-UNL

New University of Lisbon

School of Science and Technology

Environmental Engineering

FCT-UNL

✓ 14 departments in science and technology, 6000 students, 400 faculty

✓ Team involved in the E-Planning initiative is centered at the Department of Environmental Science and Engineering (DCEA)

✓ Many complementary skills available at other departments

Who are we

✔ The E-Planning core group
  – Fernando Santana (dean, FCT-UNL)
  – Paula Antunes (head, DCEA)
  – António Câmara
  – João Joanaz de Melo
  – João Farinha
  – Lia Vasconcelos
  – Tomás Ramos

E-Planning-related teaching

✓ MSc program on Environmental Engineering

✓ Advanced prog. Territory & Sustainable Development

✓ Graduate courses:
  – Strategic environmental assessment
  – Land use planning and management
  – Environmental impact assessment
  – Decision support, negotiation and participation tools
  – Environmental economics
  – Environmental management: organizations and public policy
  – Geographic and environmental information systems
  – Sustainable development policy
  – Environmental policy and law

E-Planning-related R&D

✓ EcoTerra: economic instruments in land use planning
✓ Barreiro Digital: planning decision support
✓ Local Agenda XXI: environment in local government
✓ The national climate change plan
✓ TroiaResort: strategic environmental assessment
✓ EcoBlock: environmental performance evaluation throughout the product chain
✓ TICOR, MONAE, Ocean Eye: tools for marine and coastal resources management
✓ Senses@Watch, EuroLifeNet: collaborative monitoring for environmental information
✓ FRAP: conciliating biodiversity and economics

Recent PhD and MSc thesis

✓ The use of collaborative monitoring for environmental assessment

✓ Changing local financing to promote Nature conservation

✓ Environmental information towards sustainable tourism

✓ Environmental indicators for local government day-today management

External links

✓ Universities: e.g. the ICPPIT2003 conference with DUSP-MIT

✓ Business: some two hundred R&D projects with companies

✓ Public sector: many representations in policy formulation and consultation bodies (national, regional and local)

✓ Community: e.g. environmental NGO