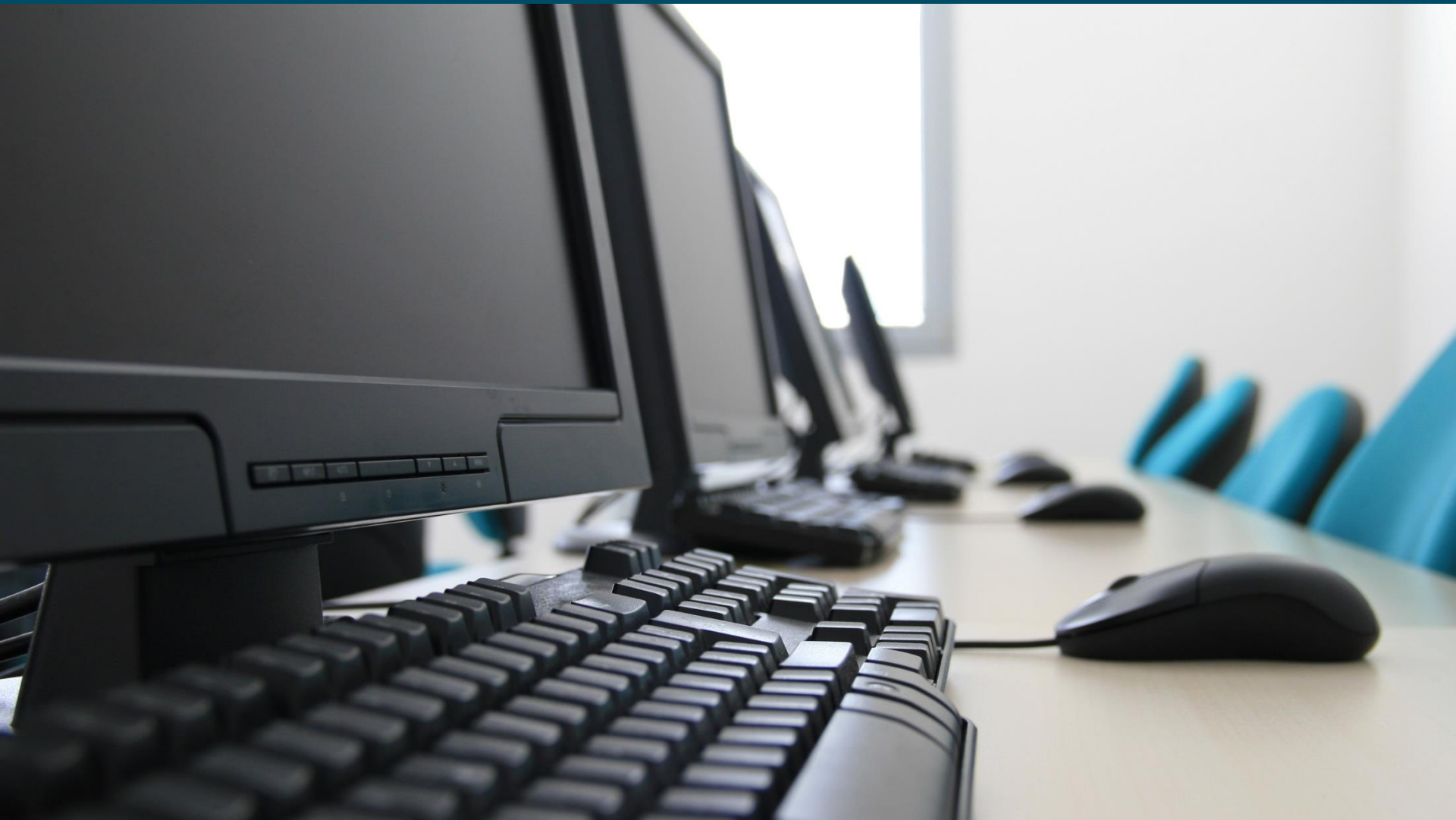


INFORMATICS AND SYSTEMS LAB



INFORMATICS AND SYSTEMS LAB – 2013 data

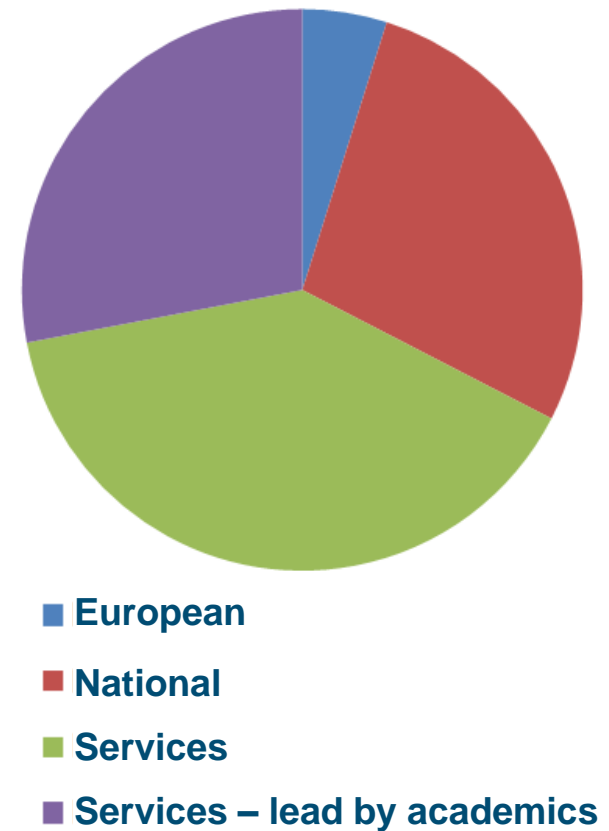
**Staff + stipend holders
in projects** 32

**Academics involved in
projects** 13

Active projects 35

Revenue 1M€

Distribution by project type



Some competencies





Some areas of intervention

Logistics agriculture
Civil engineering Health
Pharmaceutical Transportation
Public Telecommunications
administration mobility

Project TICE.Mobilidade – a platform for enhanced mobility



tice.mobilidade

Mobile and web access to info on:

- Touristic points of interest;
- Traffic;
- Public transportation, schedules, stops, routes;
- Multimodal route calculation;
- Accessibility friendly transportation
- Mobility optimisation;
- Management of bike sharing
- Autonomous driverless electric vehicles.

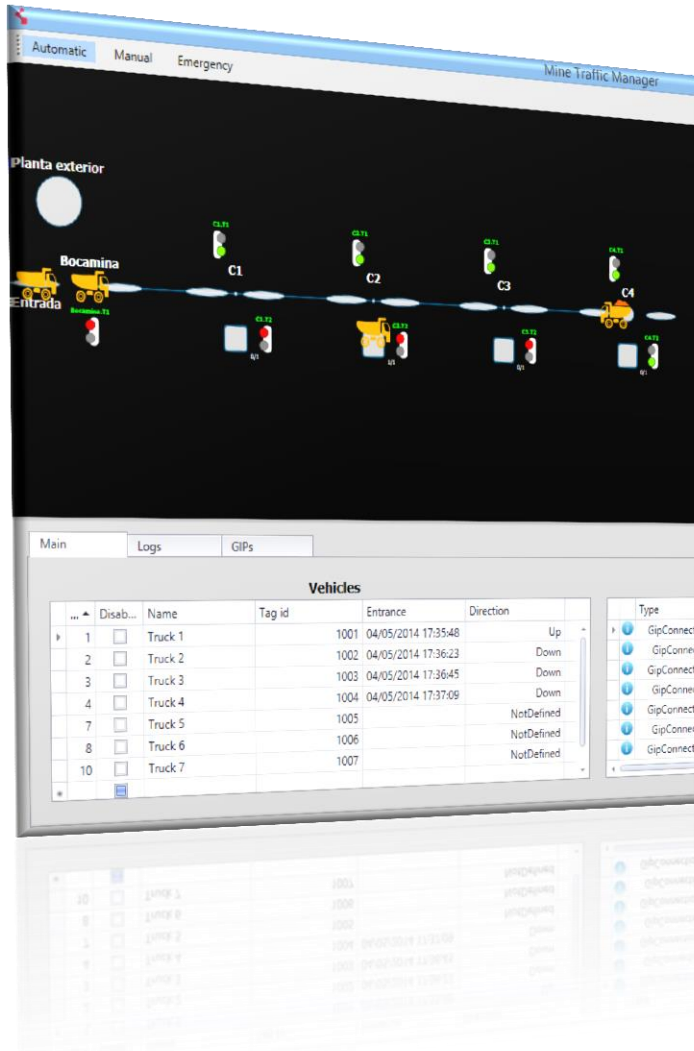
Projet InovWine – precision agriculture



Advanced platform for viticulture:

- Wireless sensor networks to monitor abiotic parameters in vineyards;
- Processing and analytics on the data;
- Alerts for risky situations (e.g. potential for plagues);
- Augmented reality for farmer (iOS and Android);
- RFID-ready for identification.

Projetos Mine Manager



Mine production optimisation through the use of semaphores:

- Mineral transport optimization
- Mine blueprint setup;
- Rule-based alert system;
- Real-time monitoring;

Projeto QC On-the-Go – audio quality control

Audio quality control for studio-level system:

- Real-time processing;
- Real-time reporting;
- Final reports;
- Analysis of parameters such as:
 - Loudness compliance
 - Clipping
 - Mute
 - Phase detection
 - Jitter
 - ...



Projeto Palm Vein – access control



Software for advanced access control hardware:

- Supports hand palm reading, magnetic card, smart card
- Customisable graphical interface;
- Touch-screen interaction.

Services – computer networks and systems management

Network planning

- Planning and design of computer and telecommunications networks;
- High speed, high performance, scalable and secure networks;
- Security consulting.



Some of our clients



I&DT LIS



TRANSPORTES
URBANOS
DE
COIMBRA



CÂMARA
MUNICIPAL
DE
COIMBRA

