



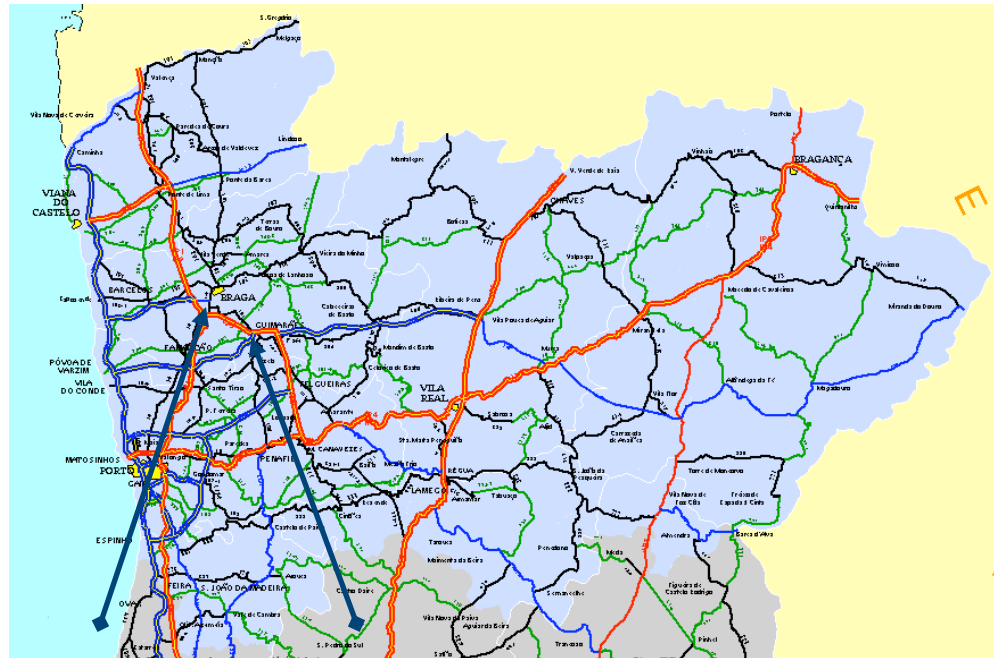
Universidade do Minho

www.uminho.pt



Location

- ◆ Two *campi* in 2 towns: Braga, the 3rd largest town of Portugal, and Guimarães (15 miles away). The university environment encompasses **1 million inhabitants**.



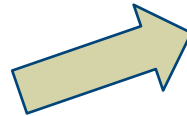
General Data

- ◆ **32 years old /"New University"**
- ◆ **Student Population**
 - **14000 undergraduate**
 - **1150 MSc students**
 - **800 PhD students**
- ◆ **1100 Teaching Staff (65% with PhD)**
- ◆ **650 Technical and Administrative staff**



Main Facilities

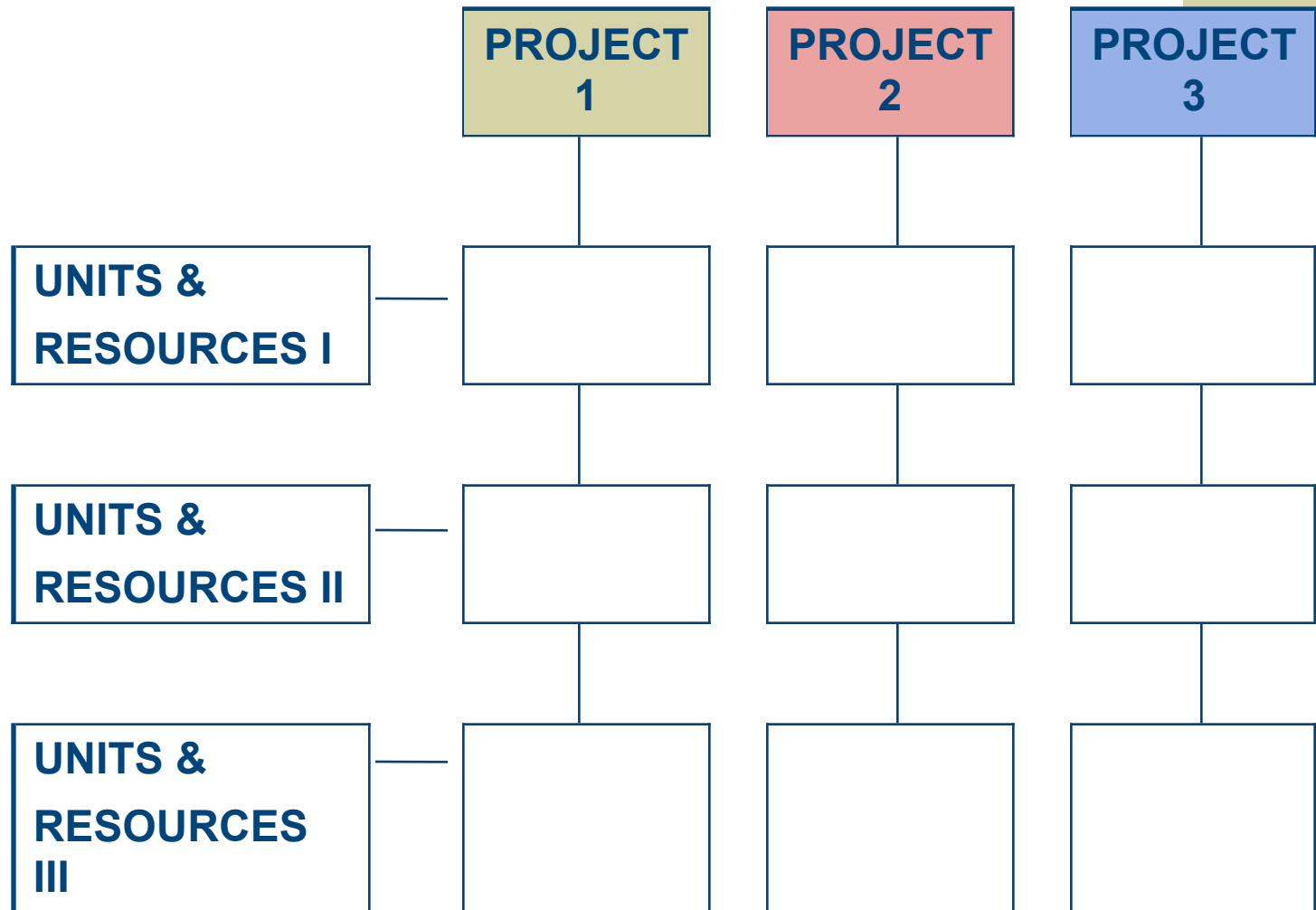
- ◆ Rectorate – Largo do Paço, Braga
- ◆ 2 *Campi* :
 - Azurém, Guimarães (43.500 m² + 34.482 m²)
 - Gualtar, Braga (85.327 m² + 71.987 m²)



Other Facilities

- ◆ *Convento dos Congregados (IEC), Braga*
- ◆ *Edifício do Castelo, Braga*
- ◆ *Edifício Abade da Loureira, Braga*
- ◆ *Arquivo Distrital, Braga*
- ◆ *Casa-Museu Nogueira da Silva, Braga*
- ◆ *Casa de Sarmiento, Guimarães*
- ◆ *Casa-Museu de Monção*
- ◆ *3 Student Hostels (hosting capacity:1500)*

Matrix Management Model



Learning Profile

- **Matrix Model**
- **Permanent Monitoring** : teachers evaluation, activity report evaluation, teachers refreshing, new teaching methodologies – project-led learning, problem-based learning, active learning, e-learning, etc.
- **Internationalisation** (ECTS Label, Diploma Sup. Label, Erasmus, International Networks – ALFA, TEMPUS, Comenius, etc.)
- **Soft-skills** in all courses – eg. Informatics for Law, Human Resources Management, Entrepreneurship, Law and Environment, etc.
- Incentive to **parallel activities** (sports, theatre, musical groups, involvement in research)
- **Stay in a company** for at least 3 months

Schools

- ◆ **Institute of Arts and Human Sciences**
- ◆ **Institute of Child Studies**
- ◆ **Institute of Education and Psychology**
- ◆ **Institute of Social Sciences**
- ◆ **School of Architecture**
- ◆ **School of Economics and Management**
- ◆ **School of Engineering**
- ◆ **School of Health Sciences**
- ◆ **School of Law**
- ◆ **School of Sciences**

Student Support

- ◆ **Support to Potential New Students**
- ◆ **Scholarships**
- ◆ **Libraries**
- ◆ **Computer Resources**
- ◆ **European Documentation**
- ◆ **Bar/Snacks/Canteens**
- ◆ **Accommodation**
- ◆ **Sports**
- ◆ **Medical Assistance**
- ◆ **Psychological Assistance**
- ◆ **Advisory Service for Students with Disabilities**
- ◆ **Support to Study Abroad**
- ◆ **Students' Union**
- ◆ **Supporting Info**
- ◆ **...**

Main/Key Activities

- ◆ **Teaching**
 - 52 undergraduate courses;
 - 60 Diploma specializations/MSc courses
 - 30 PhD areas
- ◆ **Research**
 - 30 Research Centres
- ◆ **Service Rendering**
- ◆ **International Cooperation**

Service Rendering

- ◆ **Continuing education and recycling courses**
- ◆ **Consulting**
- ◆ **Technological Units**
 - **CCG** – *Computer Graphics Centre*
 - **CVR** – *Waste Recycling Centre*
 - **PIEP** – *Innovation Pole for Polymer Engineering*
 - **TecMinho** – *Industrial Interface Association (IPR, Lifelong Learning, Entrepreneurship)*
 - *CITRA (Roads and Pavements), TECSENSE (Electronic Equipment)*
- ◆ **Participation in other technological structures, namely ICTPOL, CENESTAP, CITEVE, IDITE-MINHO, IDARN, IGAP**

Bench-Marking R&D

- ◆ 31 Research Units officially acknowledged by the Ministry of Science
- ◆ In 2003, International Evaluation Panels awarded Excellent to 7 Research Units, VGood to 8 Research Units, Good to 13 Research Units, Fair to 3 Res. Units
- ◆ >70% of all researchers work in Research units that got VGood or Excellent.

Bench-Marking R&D

	Population (Millions)	Publics/ M.Inhab/year	PhD's/ 1000 WForce	Patents/ M.Inhab/yr
Ireland*	4	580	5.1	70
Spain*	50	579	4.6	21
EU*	480	803	5.4	150
National Average*	10	289	3.3	4
Baixo Minho	0.9	690	4.2	16

* Source: *CORDIS/EU*

Internationalisation

ECTS/DS as a key tool for European co-operation

- ◆ **Policy of ECTS implementation since 1994/1995**
- ◆ **Counsellors Auditing Visit in 1999**
 - “The Counsellors were particularly impressed with the balance achieved by UM between an effective central coordination of ECTS and the maintenance of interest, motivation and commitment of Departmental Coordinators”*
- ◆ **Since 2003:**
- ◆ **Complete WEB version (PT and EN) of all BSc and MSc courses**
- ◆ **Diploma Supplement delivered to ALL graduate students**
- ◆ **Since 2004:**
- ◆ **ECTS and DS label awarded by EU (UMinho is 1 of the only 2 Universities that has simultaneously DS and ECTS label in all Europe)**

Internationalisation

Networking around the world

- ◆ **SOCRATES** (COMENIUS, GRUNDTVIG, MINERVA, ERASMUS – IC, ILPC, Several Thematic Networks, ...)
- ◆ **LEONARDO** (mobility and pilot projects)
- ◆ **ALFA** (Latin America: Argentina, Brazil, Chile, Colombia, Costa Rica, Cuba, Uruguay, Mexico)
- ◆ **TEMPUS, COMENIUS** (Eastern European countries: Bulgaria, Belarus, Croatia, Latvia, Romania, Serbia, Ukraine,)
- ◆ **Asia-Link** (Asia countries: Turkey, India, South Korea, Japan, China, East-Timor)
- ◆ **JEAN MONNET** (2 Chairs, 2 Modules, 1 Permanent Course)
- ◆ **IV, V and VI Framework Programmes** (6 coordinations in the VI FP, 45 EU Projects)
- ◆ **INTERREG IIIA and IIIB** (16 projects)
- ◆ **Bilateral Protocols with > 300 universities in ALL CONTINENTS**
- ◆ **Networks (EUA, IAUP, Compostela Group, Santander Group, etc...)**



The Future

- ◆ Set up a Region of Knowledge encompassing the whole Minho Region, strongly turned to the outside world

The Assets

- ◆ > 70% researchers in R&D Centres VGood or Excellent (Life Sciences, Materials, Electronics and Robotics) and world reputation in specific fields (eg., 1 outstanding group on masonry structures working abroad); the greatest number of coordinations of 6th EU FP: 1IP, 4 STREP's, 1 SSA, 1 NoE and is partner of 38 more EU projects;
- ◆ National leader of EU Networks coordinations with 3rd countries: Latin America (5 Networks) and Eastern European countries (Tempus and Comenius networks).

The Assets

- ◆ Large bandwidth (1Gbps) for internal communications between campi; upgrade to 10 GigaBit/s (end of 2004); external communications at 1GBps
- ◆ Virtual Campus by the end of 2004 (elearning – 200 subjects already formatted, EASY LMS platform implemented in 2005, QWeb, all pertinent info available in the NET, Intranet, electronic circulation of documents, etc.); 350 access points spreaded throughout the 2 *campi* to build up the “University Without Walls”
- ◆ Digital Library with > 4500 magazines electronically accessible;
- ◆ Open Access and RepositoriUM since November 2003

The assets

- ◆ A program for certification of basic skills on Informatics encompassing 30 000 people in 2005 and 50 000 people till 2006.
- ◆ Number of PhD's increasing 8% yearly – about 100% teaching staff with PhD by 2009.
- ◆ Close co-operation with the Municipalities of the Region (namely Braga and Guimarães)

The assets

- ◆ Networking with Industrial Associations (eg Associação Industrial do Minho) with partnership in one Technological Park and in 2 Incubators
- ◆ Two optical rings covering Braga and Guimarães by the end of 2005.