



TEMPUS project: National Education Framework  
for Enhancing IT Students' Innovation and  
Entrepreneurship

*Structural measures project*

Arianit Kurti

[arianit.kurti@lnu.se](mailto:arianit.kurti@lnu.se)

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# What is TEMPUS?

- Tempus is the European Union's programme, which supports the modernization of higher education in the Partner Countries of Eastern Europe, Central Asia, the Western Balkans and the Mediterranean region, mainly through university cooperation projects.
  - To support the modernisation of Higher Education in Partner Countries of the surrounding area, including Central Asia.
  - To establish an area of cooperation between the European Union (EU) and the Partner Countries.
  - To favour voluntary convergence with the EU developments in the field of Higher Education.

# TEMPUS Approach



- Institutional cooperation.
- Bottom-up programme mainly implemented through calls for proposals seeking projects targeting reforms in higher education institutions and/or systems.
- Strong involvement of national authorities.
- Strong accent on dissemination, sustainability and exploitation of results.
- Complements other EU mobility programmes (e.g. Erasmus Mundus).



# TEMPUS: Types of Actions



- **Joint Projects:** implemented at institutional level to reform curricula, improve university governance, create more links with society.
- **Structural Measures:** implemented at national level for the development and reform of national higher education structures and systems in Partner Countries.
- **Accompanying Measures:** dissemination and information activities (*conferences, studies, exchange of good practice, National Tempus Offices, Higher Education Reform Experts, etc.*)



# TEMPUS Grant size

- 500 000 – 1.500 000 Euro, both for Joint Projects and Structural Measures project
- Minimum 10% co-financing
- 7% overhead support
- Project duration 24-36 months

# TEMPUS: Eligible partnership



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## **National Projects** (targeting 1 partner country)

## **Multi-national projects** (targeting more than 1 Partner Country)

minimum of 6 HE institutions

minimum of 7 HE institutions

3 from the involved Partner Country

2 from the each involved Partner Countries (minimum 2 PC)

3 from 3 different EU countries

3 from 3 different EU countries

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# TEMPUS: Program themes

- Higher Education and Society
  - Development of partnerships with enterprises
  - Knowledge triangle education/research/innovation

# Our TEMPUS Project

The objective of this are summarized into three main categories:

- 1) National standards for Software Engineering master education that includes new courses on IT innovation and entrepreneurship.
- 2) Development of the Virtual Innovative Space that creates a sense of community among Ukrainian students, researchers and IT professionals and promotes their creativity and innovation.
- 3) Establishing a set of guidelines and recommendations for adoption on a national scale for university – company cooperation with a focus on student innovation and entrepreneurship.



# Goals to be achieved



Specific goals in connection with the project objectives are:

- Identification of the best models and frameworks for university – company cooperation.
- Development of an infrastructure that enables the sustainability of a new ecosystem of university-company cooperation in Ukrainian context.
- Implementation of Virtual Innovative Space using social technologies to maintain contacts between students, companies and universities as well as to enable knowledge transfer between the actors.
- To influence the national standard for IT education in Ukraine.
- To develop and deliver new course on IT innovation and entrepreneurship for Ukrainian staff and students.



# Feedback from the reviewers



- *A extremely well written and clearly benefits from the fact that the project partners shared a period of in-depth preparation before submitting the application.*
- *The project objectives are very challenging indeed, but given the planning that has gone into the project and the clarity of its work packages, there is every confidence that this project will be highly successful.*
- *The partnership includes an impressive list of institutions and enterprises.*



# Partnership (EU)

- **Universities**
  - Linnaeus University (Sweden) *coordinator*
  - Dublin City University (Ireland)
  - Oxford Brookes University (UK)
- **Institutes**
  - Pedro Nunes Institute (Portugal)
- **Enterprises**
  - IKEA
  - SIGMA
  - IBM (*associated partner*)

# Partnership (Ukraine)



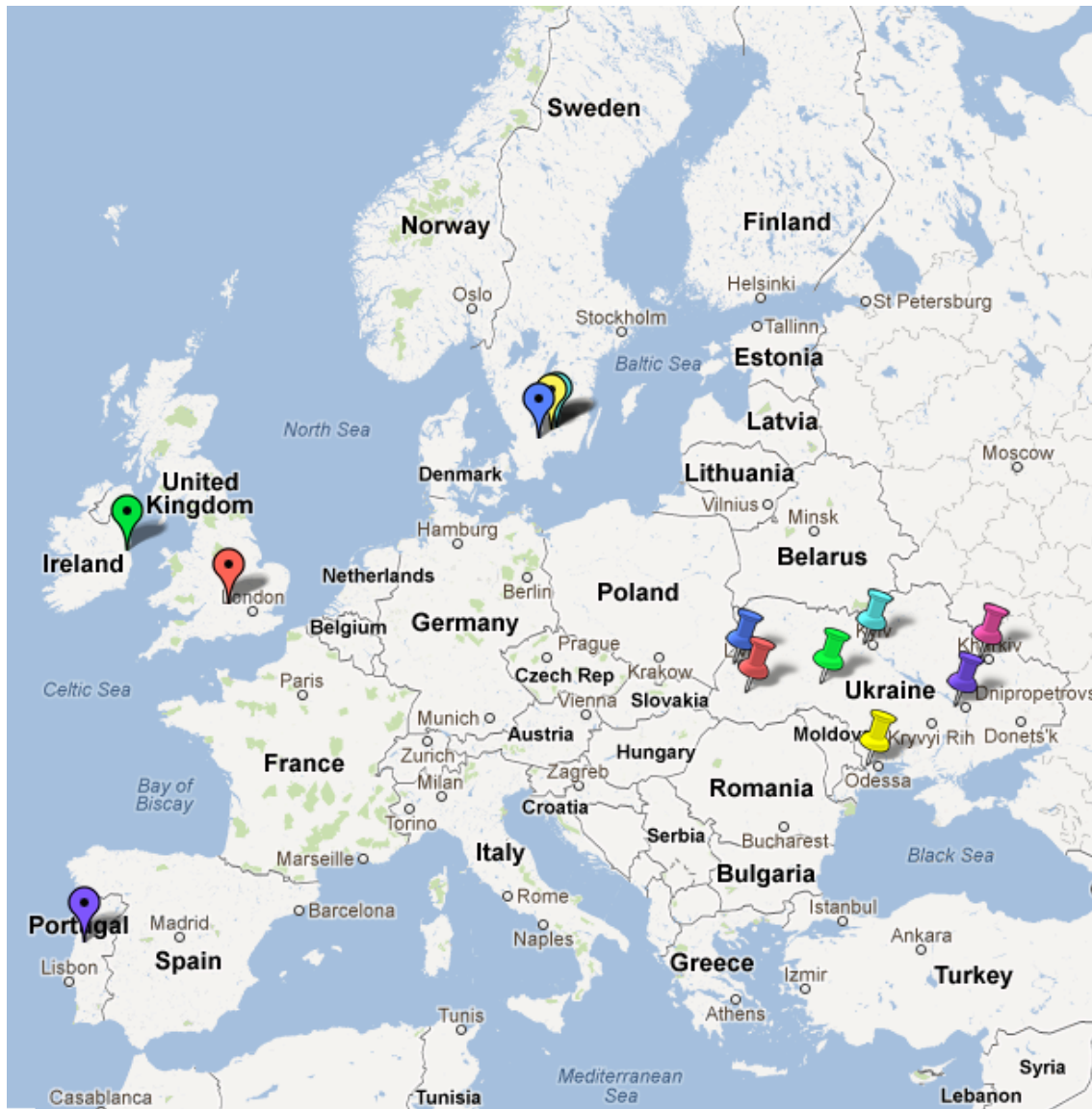
- **Universities**
  - Lvivskiy Politechnical University
  - Odessa National Politechnic University
  - Kharkiv National University of Radioelectronics
  - Vinnytsia National Technical University
  - The Ivano-Frankivsk National Technical University of Oil and Gas
- **Enterprises**
  - Yuzhnoye State Design Office
- **Governmental institutions**
  - Ministry of Education and Science, Youth and Sport



# Geographical Distribution



European Commission  
**TEMPUS**



- Dublin City University (DCU) - Dublin
- Oxford Brookes University (OBU) - Oxford
- Linnaeus University (Lnu) - Växjö
- IKEA AB - Ålmult
- Instituto Pedro Nunes (IPN) - Coimbra
- Odessa National Polytechnic University (ONPU) - Odessa
- Kharkiv National University of Radioelectronics (KNURE) - Kharkiv
- Ministry of Education and Science, Youth and Sport in Ukraine (MESYS) - Kiev
- Vinnitsia National Technical University (VNTU) - Vinnitsia
- Lviv Polytechnic National University (LPNU) - Lviv
- Ivano-Frankivsk National Technical University of Oil and Gas (IFNTUOG) - Ivano-Frankivsk
- Yuzhnoye State Design Office (YOUZHNOYE) - Dnepropetrovsk
- Sigma Kudos - Växjö

**Linnaeus University**



# Facts and Figures



**Title:** National Education Framework for Enhancing IT Students' Innovation and Entrepreneurship

**Project Type:** Full project

**Funding Agency:** European Commission, EACEA

**Budget:** 993.855,22 Euro

**Start date:** October 15, 2012

**End date:** October 14, 2015

**Contract number:** 530576-TEMPUS-1-2012-1-SE-TEMPUS-SMHES

Total applications for this call 676, approved 108 (approval rate 16%)



# Why SIGMA Kudos?

- Because it has a good track record in working with innovative aspects within IT sector in general
- Because it is an agile and dynamic company with good insights into recent software development trends
- Because it has successful operations and activities in Ukraine
- Because they initiated our contacts with Ukrainian Universities
- Because they know and understand how academic world works, multiple projects together so far
- And last but not least because it is very easy to cooperate and work with them

# Thank You!