

# National Education Framework for Enhancing IT Students' Innovation and Entrepreneurship

*Structural measures project*

Shatovska Tetyana,  
Revenchuk Ilona,  
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# Outline

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# Overview



**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:** September 15, 2016 (extension)

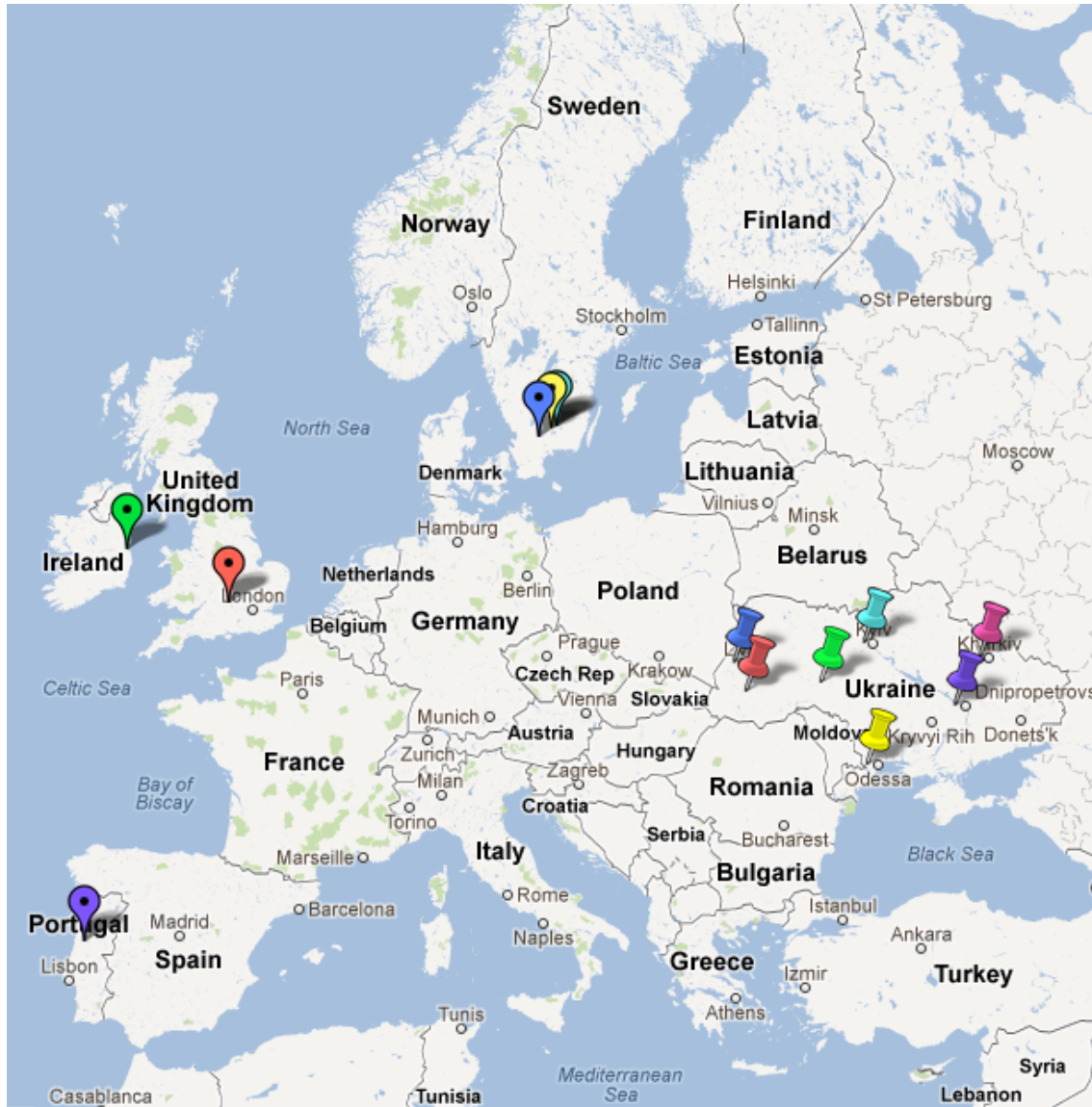
**Contract number:** 530576-TEMPUS-1-2012-1-SE-TEMPUS-SMHES



# Partnership



Tempus



- Dublin City University (DCU) - Dublin
- Oxford Brookes University (OBU) - Oxford
- Linnaeus University (Lnu) - Växjö
- IKEA AB - Älmult
- 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
- Vinnytsia National Technical University (VNTU) - Vinnytsia
- 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**



# Project objectives

The objective of this project are:

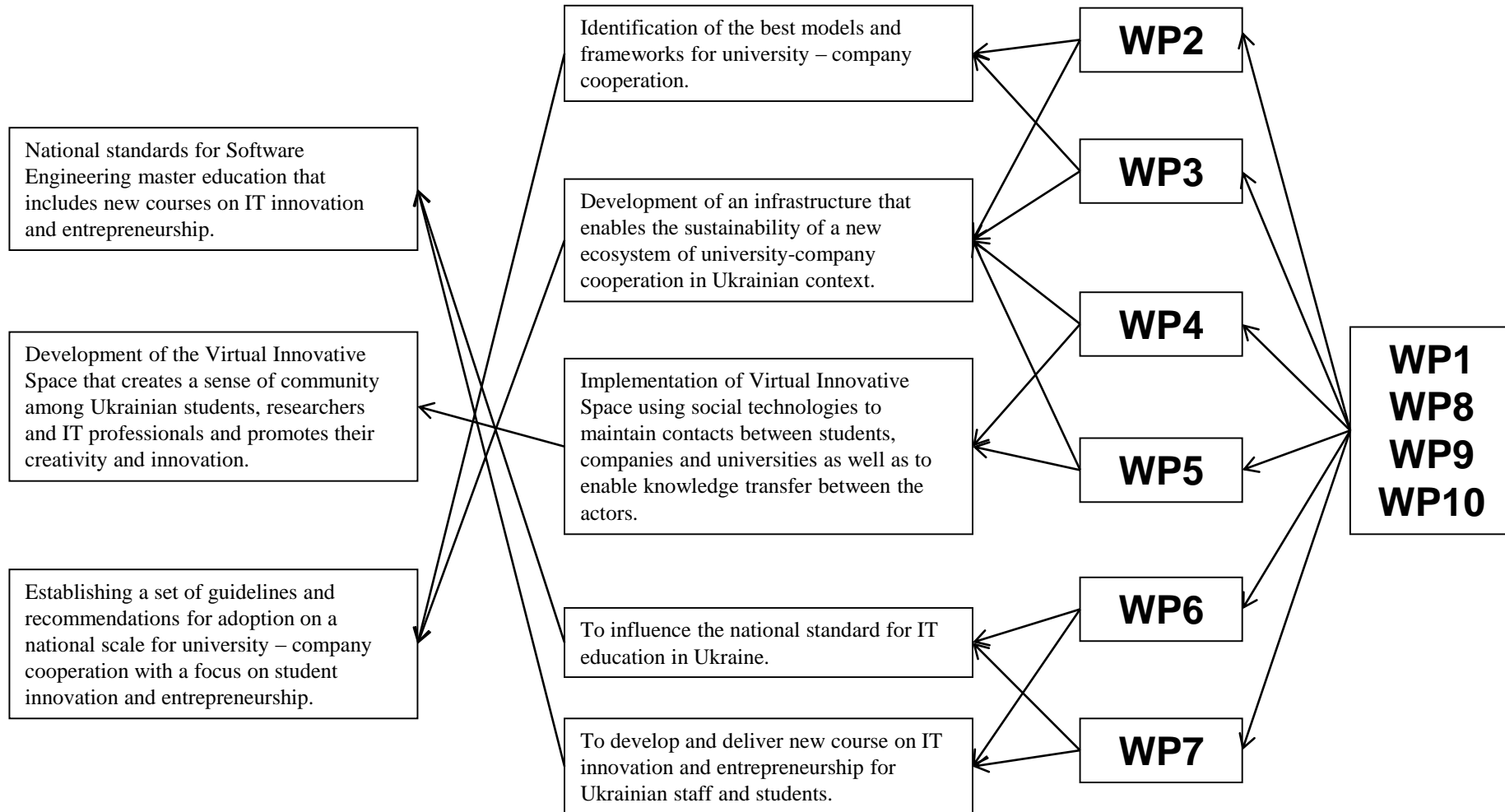
- 1) National standards for Software Engineering master education that includes new courses on IT innovation and entrepreneurship.
- 2) Development of the Virtual Innovative Space that creates a sense of community among Ukrainian students, researchers and IT professionals and promotes their creativity 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 of the project

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.

# Objectives – Goals – WPs





# Project Timeline

No.	Workpackage	Coordinator	Duration	2012			2013												2014												2015								
				October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September												
1	Project Management	Lnu	36 months	Active																																			
2	Innovation and entrepreneurship power in Ukrainian Universities	IPN	8 months	Active																																			
3	Guidelines for solutions and support of Knowledge triangle at a national level	OBU	10 months	Active																																			
4	Eco-system building for students' innovation and entrepreneurship	ONPU	12 months	Active																																			
5	IT services for students innovation and entrepreneurship	LPNU	29 months	Active																																			
6	National standard for Innovation and Entrepreneurship in IT master education	KNURE	13 months	Active																																			
7	Innovation in action: Knowledge transfer pilot activities	Lnu	16 months	Active																																			
8	Quality plan	DCU	36 months	Active																																			
9	Dissemination	IFNTUOG	36 months	Active																																			
10	Sustainable project outcomes and impacts on Ukraine education system	KNURE	30 months	Active																																			

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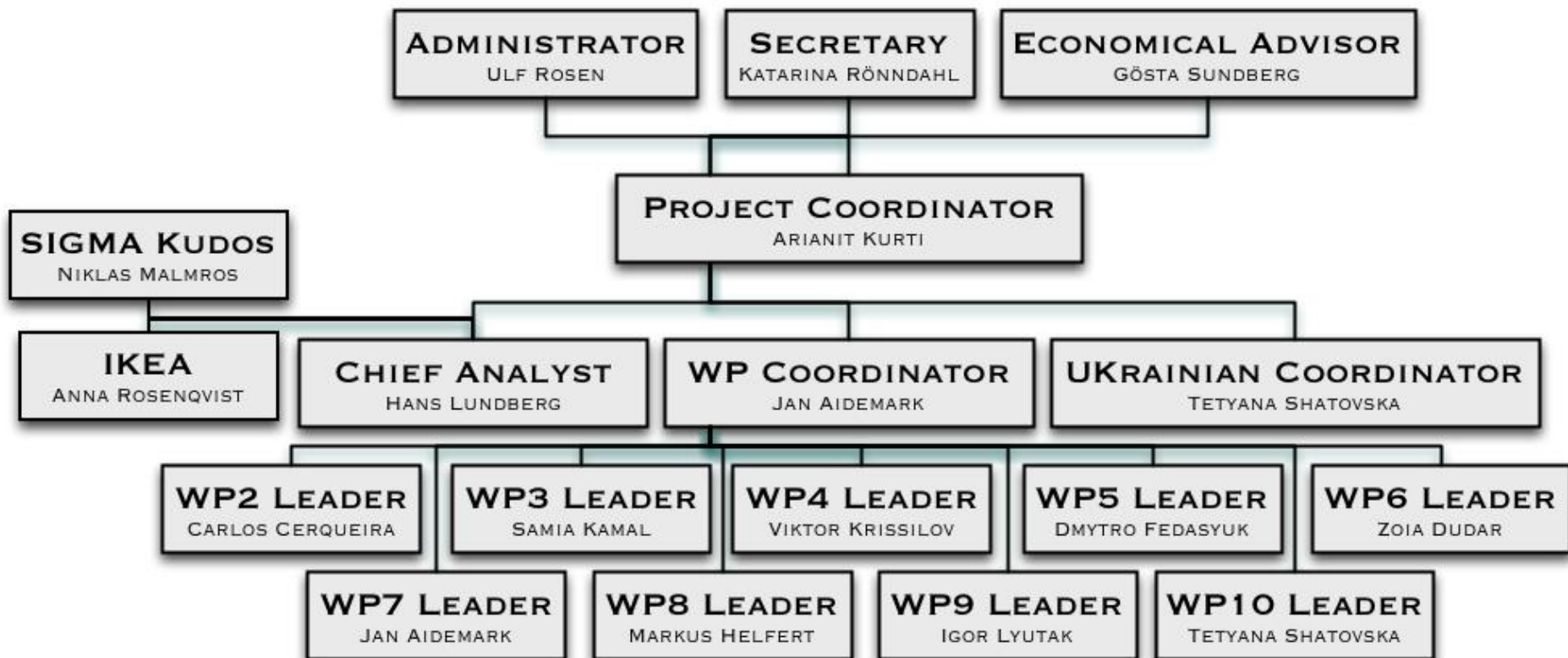


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# Project Organization



# Current project results

- Surveys on innovation power in Ukraine, both in Universities - Company projects and in higher education (published, Ministry of Education and Science of Ukraine accepted)
- Developed Frameworks and Models for university-company cooperation, student innovation in universities
- National guidelines for IT students' start-ups in Universities (published, Ministry of Education and Science of Ukraine accepted)
- Nationwide teachers training seminars in 5 Ukrainian regions (more than 300 participants)

# Current project results



- Festival for students “Leap2Future” in KNURE (Sep, 2013). More then 600 students took an active part.
- The knowledge triangle in practice - IKEA Case (Sigma AB, KNURE, LNU)
- Eco-systems for students' innovation and entrepreneurship: the IT-cluster in Odessa, the IT-ecosystem in Ivano-Frankivsk, IT-Innovators club in Kharkiv
- Contest of Innovation start-up projects of IT-students “IT-Eureka!”: MESU support, around 800 students and 444 Innovation projects were registered
- Company network for supporting students innovation: 21 University and 20 IT-companies
- Virtual innovation space (<http://vis.lp.edu.ua/>)



# Current project results



- Entrepreneurship and Innovation Teachers Workshop at Linnaeus University in Växjö, May, 2015 (15 teachers)
- Implementation of innovation and entrepreneurship education content as mandatory Master courses in Software Engineering Program
- Improving current “National student self-government regulation” with a part containing principles for innovation and entrepreneurship for students
- National wide project results dissemination
- National recognition by Ministry of Education and Science of Ukraine the main project results



# Questions and Comments