



**Model-Oriented Approach and Intelligent  
Knowledge-Based System for Evolvable  
Academia-Industry Cooperation in Electronic  
and Computer Engineering  
544497-TEMPUS-1-2013-1-UK-TEMPUS-JPHES**

<b>Project acronym:</b> «CABRIOLET »	
<b>National Joint Project</b> <b>Action:</b> Higher Education and Society	
<b>Project duration:</b> 1 December 2013 – 30 November 2016 (36 months)	
<b>EU funding instrument:</b> Interregional program European Neighborhood and Partnership Instrument	
<b>Tempus grant amount:</b> 670,887.42 €	
<b>Target group:</b> students, trainees, teaching/administrative staff; top management of educational organizations, lecturers and researchers at the IT departments, engineering companies, local community administration staff, industry sector representatives, industry managers.	
<b>Grant holder:</b> University of Newcastle upon Tyne, Newcastle upon Tyne, UK	
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<b>Project goals and objectives:</b> The goal of the project is to address society demand for high qualified specialists in electronic and computer engineering by introducing integrated model-oriented approach for smooth and effective evolvable cooperation and communication between academia and industry by 2016. The application fits within the development strategy of UA universities namely “State program on economy activation till 2014” and “Concept of the scientific and innovation politics in the system of higher education of Ukraine for 2012-2016”.	

***Objectives of the project:***

- to introduce model-oriented approach for effective academia-industry cooperation in electronic and computer engineering by 2016;
- to develop intelligent knowledge-based system for supporting the model-oriented approach by 2016;
- to develop cloud-based web-portal as communication mechanism between involved parties by 2016;
- to arrange intensive capacity building measures based on 3 training blocks by 2016.

***Activities:***

- development of web portal for communication;
- development of intelligent knowledge-based system for decision-making support of the model-oriented approach;
- internal dissemination actions & networking;

***Expected results:***

- web-portal is developed and effectively functioned;
- the intelligent knowledge-based system for support of model-oriented approach is successfully developed and implemented;
- 3 training blocks are developed and practically implemented;
- project results are disseminated.

***Project coordinator in Ukraine:***

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