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Cloud *Programmers' and IT Specialists'* Open Day

26-February-2014



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Presentation: Welcome

Introduction and Presentation of the CC Project

Design, Implementation and Collaboration

for Lithuania and Belarus

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Project

“Promotion of socioeconomic development and encouragement of entrepreneurship by developing Cross-border R&D and Innovation Network in Cloud Computing Area”

LT-BY Cloud



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European Commission - Directorate-General Connect

- Workshop on Cloud and Structural Funds (6th February 2014)

Key Actions:

- Development of guidelines for cloud providers on the use of structural funds for cloud projects
- Development of frequently asked questions for cloud computing for Managing Authorities and DG REGIO
- EuroCloud to identify a list of legal and economic advisers for Managing Authorities to consider in setting up a list of providers for the ICT Innovation Voucher programme.



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Partners of the Project:

1. Vilnius University (Beneficiary)
2. Lithuanian Innovation and Technology Institute
3. Yanka Kupala State University of Grodno
4. Scientific Technological Association INFOPARK

Project budget: 1 112 682 EUR (totally), 90% financing from EU



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The action activities are concentrated on building networks of business organizations, proposing latest technological solutions for implementation of everyday work by developing innovations

Action will strengthen links between science and business, by creating infrastructure for technological development to increase competitiveness

Sustainable model and infrastructure for mutual cooperation in innovation institutions will be developed and tested

Relevant networks through common actions will be built contributing to future activities



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1. VU specializes in IT infrastructure developing and is responsible for the related activities (it will develop and prepare all infrastructure necessary for implementing practical project activities)
2. YKGSU is responsible for preparation of training and dissemination of programming knowledge as it has a competitive advantage in the area
3. INFOPARK and LITI are involved in Project activities as disposing information and networks necessary for cooperation with business enterprises



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The action is novel in at least two ways:

1. through development of innovative cross-border CC cluster
2. integration of CC related IT infrastructures of VU and YKGSU

The innovative model (cluster) for cooperation of Lithuanian and Belarus institutions will be built as a sustainable network in CC area

The outcome of Project will be the infrastructure, which will deploy cloud computing platforms, working as a single system (for the first time in the region).



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GA 1: Effective project administration and implementation, achievement of planned results.

GA 2: Establishment of cross border IT platform for CC programming, teaching and development. Result:

1. Created cloud platform with integrated environment, appropriate software, usage procedures and interfaces for users and applications
2. The analysis and security regulations are considered in platform
3. Principles and performance testing of virtual organizations is conducted
4. Formation of technological group - to suggest and develop business oriented applications and platforms, using CC platform; group will consist of 2-3 external CC infrastructure experts and project manager



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GA 3: Development of specialized training and cloud programming environment programs. Results:

1. CC procedures created and training programs for programmers and students developed
2. Platform tested by programmers, two groups of programmers will graduate the developed program
3. Education of programmers and IT professionals quickly on cloud programming and implementations



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GA 4: Dissemination of cloud programming knowledge – initiation of cross-border IT innovation transfer network. Results:

1. Initiation of technology transfer model or/and business model, to facilitate common BY and LT participation in large international IT tenders
2. Cooperation of science and businesses in developing innovations will be encouraged



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GA 5: Development of cross-border cooperation model in R&D and initiation of cluster creation. Results:

1. Stronger links between LT and BY and more intensive participation in bilateral or multilateral projects
2. Cross border business consortiums, due to developed network and possibilities provided by high availability virtual competence center for CC developers.



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Thank you for the attention

Questions, please

A. Juozapavicius