

2nd Danube eRegion Conference – DeRC 2012

Grand Hotel Union Ljubljana, Slovenia, Monday - Tuesday, September 24-25, 2012

<http://eLivingLab.org/CrossBordereRegion/DeRC2012>

Cross-border eSolution/eService Prototype Development

Prototype title: E-learning system for Clinical Engineering education program in Cross Border Regions

Short description of the prototype (problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references):

Starting from the twenty-year experience in Clinical Engineering (CE) education programme at the University of Trieste and the numerous non-academic partners (industries and hospitals) involved in this program as well as the growing need of these professional figures within hospital and CE service companies, the main aim of the proposal is to use the power of e-learning solutions in order to establish a Clinical Engineering education programme in cross border countries (Danube region) in which this kind of professional education is still missing.

The main topics concern biomedical instrumentation operation, risk evaluation and prevention, CE service organization and management, medical record management, etc. The lessons will be supplied both in direct and distance learning methods by using e-learning tools (streaming, video-conference, video-recording and web-based platform distribution) in order to obtain qualified education at very low costs.

The academic staff will be mainly constituted by teachers of the Specialist Master of Management in Clinical Engineering (at the Trieste University) together with the contributions of teachers of the involved countries in order to complete the education specially on the country-specific law and regulations on medical devices.

The main stakeholder of this programme are at first the universities in order to form a sufficient academic staff necessary to export in the involved countries this kind of education within two-three years. Other stakeholder are the hospital and service companies that wish to build a CE service in order to reduce health expenses (due to medical device management) as demonstrated by the Italian and international experiences.

ICT requirements for the prototype deployment:

e-learning tools: audio-video-recording system, e-learning web platform, video-projector, streaming service

Proposer (contact person)

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Existing partners (representative, position, organization, country):

TBS Group SpA, Trieste (Italy)

CE Service of IRCCS "Burlo Garofolo", Trieste (Italy)

University Hospital of Trieste "Ospedali Riuniti di Trieste" (Italy)

CE Service of IRCCS "Ospedale Pediatrico Bambin Gesù", Roma, (Vatican)

Polytechnic of Milan, Milano, Italy

What type of partners are we looking for?

Engineering Faculties at the University

Hospitals

Companies of Clinical Engineering Service

To be emailed as soon as possible and not later than Thursday, July 26, 2012 to Alenka.Slabajna@JAPTI.si
Public Agency of the Republic of Slovenia for Entrepreneurship and Foreign Investments