Certification Programs for eHealth – Status Quo

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Introduction

- Apart from school education and university studies, there are advanced/postgraduate training programs, which play a very important role regarding education of the eHealth workforce.

- “eLearning4eHealth Network” project
  - Establishment of international eHealth experts group
  - Coordinated development of educational programs and certifications

- Identification of gaps regarding eHealth certifications
Methods

- Internet based literature research
- Definition of Categories: Three main thematic content categories based on the “eHealth European Interoperability Framework (eHealth EIF)” Study Report
- Definition of target professions: Healthcare, Engineering, Management
- Evaluation criteria:
  - Certification program distribution
  - Content type of the certificate
  - National or international certificate validity
  - Provided by academic or non-academic institution
  - Region: EU, US, global
  - Target Group
  - Certification type: pure certification and/or part of an educational program
Results

- 47 certification programs fulfilling the requirements:
  - EU: 13 programs
  - US: 23 programs
  - Rest World: 11 programs

Percentage composition for the main thematic areas:

**EU:**
- 66% Engineering
- 18% Medicine
- 16% FML

**US:**
- 49% Engineering
- 11% Medicine
- 40% FML

**World:**
- 57% Engineering
- 14% Medicine
- 29% FML

*Figure 5. Certificate type occurrence. **Left:** National/International applicability  **Right:** Academic/Non-Academic nature*
Results

Global

Occurrence of thematic sub-areas in certification programs according to the profession:

- Healthcare
- Engineering
- Management
Discussion

- **Difference between EU and US:**
  - Higher coverage of the FML domain
  - Universities in the US play a key role in professional certification in contrast to EU

- **Importance of Standardization is recognized**

- **Programs not internationally coordinated and harmonized**
eLearning4eHealth Network

Thank you for your attention!