

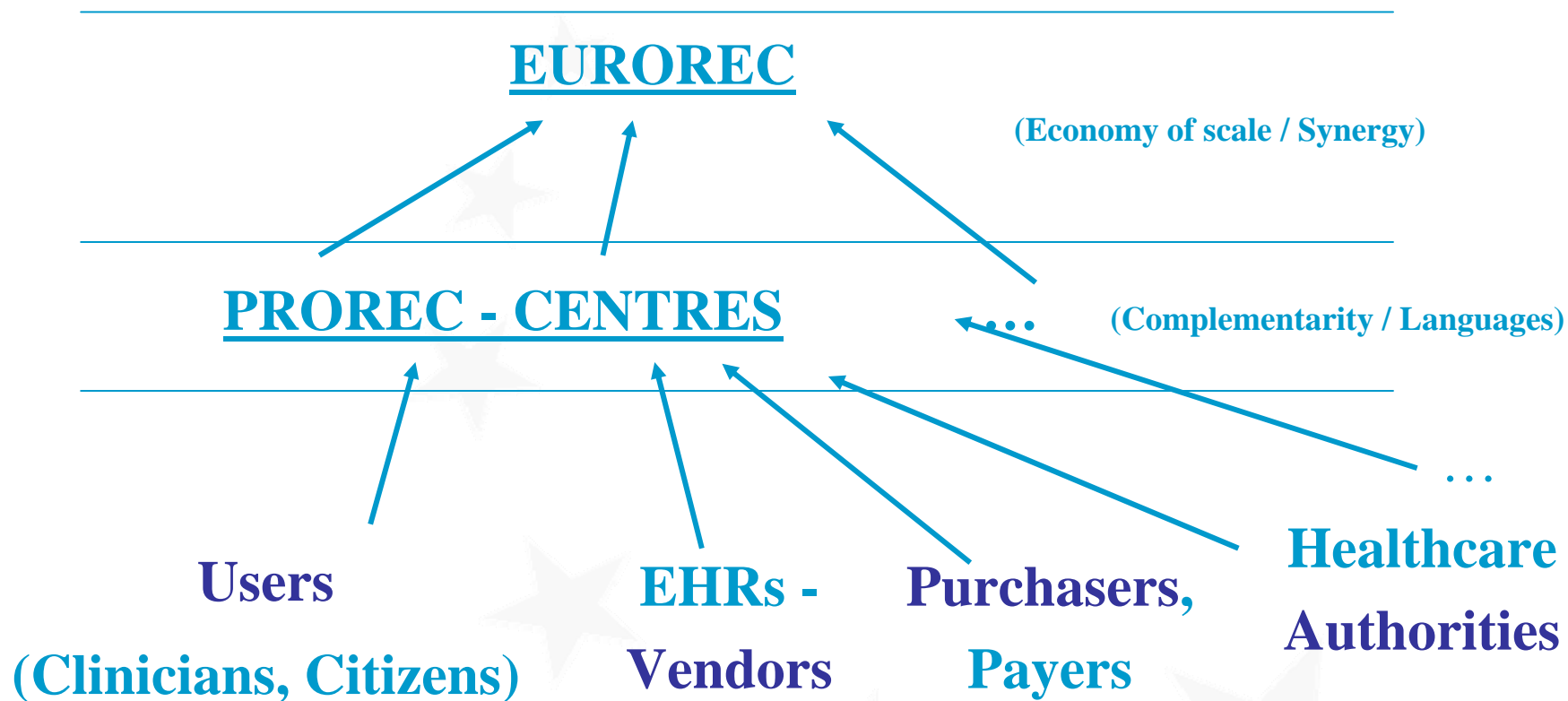
**« QUALITY LABELLING and CERTIFICATION of  
ELECTRONIC HEALTH RECORD systems (EHRs) in  
EUROPE »**

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(EUROREC)**



- The « **European Institute for Health Records** »
- A **non-for-profit** organization, established April 16, 2003
- **Mission: the promotion of high quality Electronic Health Record systems (EHRs) in Europe in Primary and Acute Hospital - care settings**
- **Federation of national ProRec centres in Europe**

## EUROREC: ORGANIZATION (1)



*“Think European (or Globally), but act locally”*

### QREC: Main Objective



**To develop formal methods and to create a mechanism for the certification of EHR systems in Europe**

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**EuroRec Institute is coordinating partner**  
**QREC has 12 partners and 2 subcontractors**

### QREC PARTNERS



**EuroRec**

**ProRec-IE, Ireland**

**ProRec-FR, France**

**ProRec-BE, Belgium**

**MEDIQ, Denmark**

**ProRec-DE, Germany**

**RAMIT, Belgium**

**UCL, U.K.**

**ProRec-SI, Slovenia**

**ProRec-BG, Bulgaria**

**ProRec-RO, Romania**

**TNO, The Netherlands**

**ECOR, Germany**

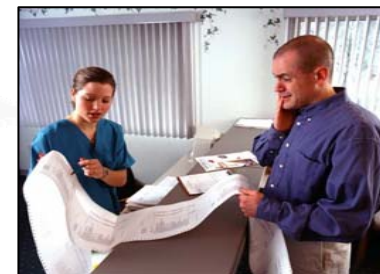
**Empirica, Germany**

### QREC: ORIGIN

Several EU-member states (Belgium, Denmark, UK, Germany, ...) have already proceeded with quality labelling and certification schemes, but they differ in scope, in **legal framework** under which they operate, in policies, in **organization** and in the choice of quality conformance **criteria** for benchmarking and testing...

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*These differences could represent a risk of further market fragmentation: harmonization efforts should counter this!*



## QREC: Coordination with Health Authorities

The coordination with healthcare authorities will be done through the collaboration with the eHealth ERA consortium and its European Health Care Authorities (HCA) Ministries Group that is co-ordinating with the national e-Health roadmap activities within the EU-Framework Programme.

Both platforms (EuroRec and eHealth ERA) will follow the necessary **bottom-up and top-down approaches** for the adequate assessment of needs and for the optimal choice of methods for *EHRs certification in Europe*.

QREC: Core Tasks (1)

1. Study of current EHRs « Quality Labelling and Certification » -systems ⇒ (State-of-the-Art Report)
2. Assay of the requirements amongst all stakeholders across Europe, covering both current and planned EHRs certification activities ⇒ (Survey)
3. In-depth analysis of the ways to classify and profile EHR systems (based on “functional profiles” and other aspects)
4. Comparison of various possible EHR certification systems

QREC: Core Tasks (2)

5. Definition of a model (a common European **template**) with harmonized guidelines and procedures for EHRs certification
6. Benchmarking process **manual** for EHRs certification
7. Business plan for EHRs certification (cf. sustainability of services)  
  
(Extra: harmonization of terms and concepts ( an iterative process) to be used, resulting in a      ⇒ **general glossary**)

QREC: Main WorkPackages

**WP 1: Consortium Management, Project Co-ordination  
and Quality Assurance**

**WP 2 : EHR systems Quality Labelling and Certification  
Development**

**WP 3 : Resources for EHR Interoperability**

**WP 4 : Benchmarking Services**

**WP 5 : Communication and Dissemination Activities**

QREC: WP 2

WP 2 : EHR systems Quality Labelling and Certification  
Development

- T2.1 **State of the Art Report on existing EHR Certification Schemas**
- T2.2 **Pan-European Requirements Assay**
- T2.3 **Labelling Terminology and Functional Profiles for EHRs to be certified**
- T2.4 **Comparison and Harmonisation of Certification Guidelines and Procedures**
- T2.5 **Model Certification Guidelines and Procedures including Legal Issues**
- T2.6 **Plan for Validation of Guidelines**

WP 3 : Resources for EHR Interoperability

- T3.1 Register of **Conformance Criteria** and Guidance Documents
- T3.2 Inventory and Register of **EHR Archetypes** and Guidelines for their Use
- T3.3 Register of Health **Coding Systems** in Use in Europe
- T3.4 Inventory of Relevant **Standards** for EHR systems
- T3.5 Register of **XML Schemas** and Open Source Components for EHR systems

WP 4 : Benchmarking Services

- T4.1** **Benchmarking Services Manual for Quality Labelling and Certification of EHRs**
- T4.2** **Business Plan (for new certification related services)**

WP 5 : Communication and Dissemination Activities

- T5.1 EHR Tutorials**
- T5.2 Project Website Development and Maintenance**
- T5.3 Liaison**
- T5.4 Conferences**

## EUROREC: Communication and Dissemination (1)

*Fostering a harmonised implementation of high quality EHRs will require promotion, awareness and educational actions, hence :*

- **EuroRec Website and associated services based on trustworthy resources** (to help purchasers, vendors and end-users)
- **Tutorials on EHRs and Certification**
- **Workshops and Annual Conferences**
- **Liaison** (with US, Canada, Japan, Australia...)

## EUROREC (QREC): Communication and Dissemination (2)

### – Annual Conferences:

- Eurorec 2005 Conference (in Denmark)
- EuroRec 2006 Conference (in Bulgaria)
- EuroRec 2007 Conference and Global EHRs Certification Summit (in Slovenia)
- Eurorec 2008 Conference (in Romania)

**Thanks for listening!**



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**[georges.demoor@ugent.be](mailto:georges.demoor@ugent.be)**