# Integrating the Healthcare Enterprise

## The IHE Initiative Worldwide

# <u>IHE Europe</u>
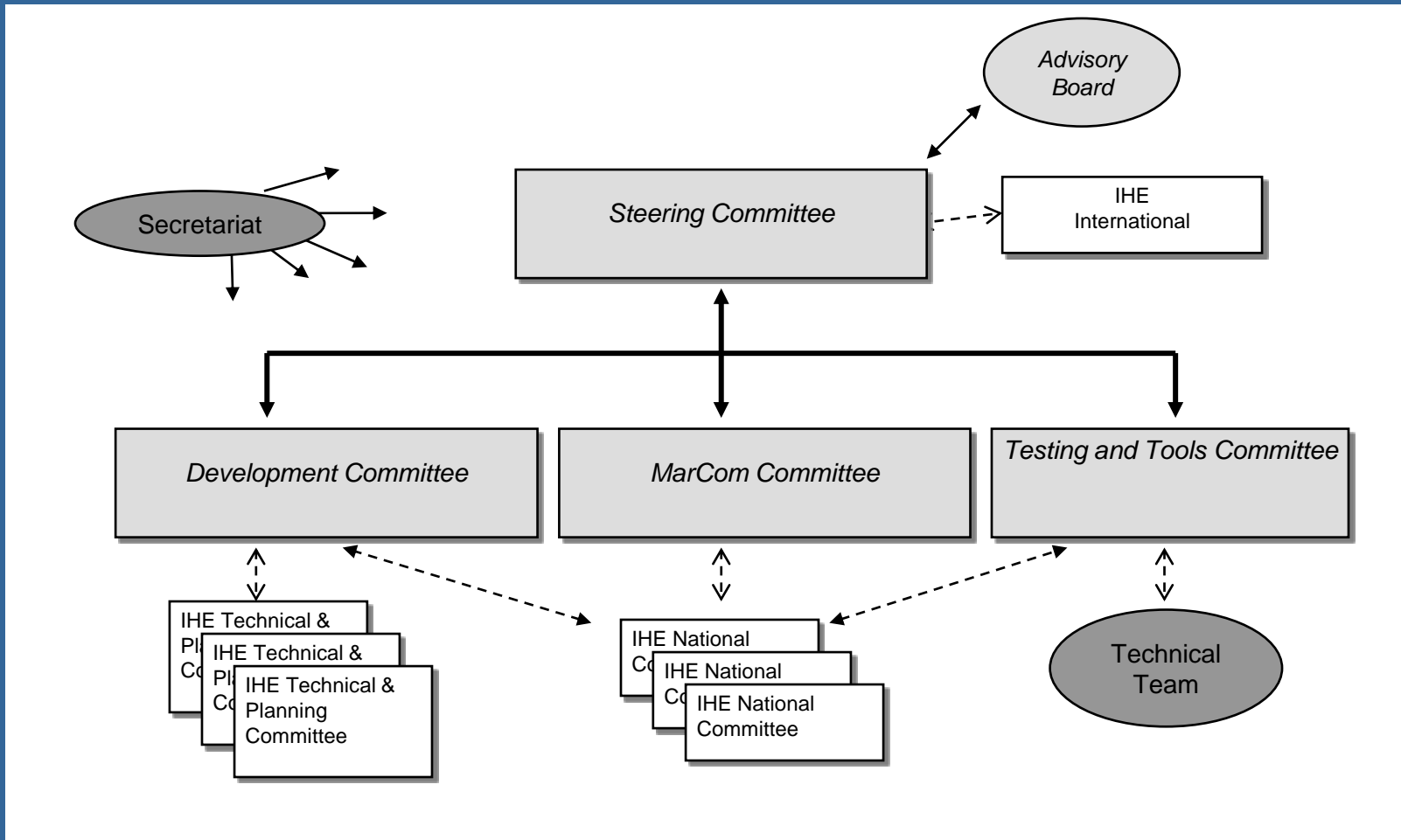
**Karima Bourquard
IHE Europe user Cochair**

# Agenda

➢ Introduction

➢ Projects in Europe :
  ➢ IHE-Europe Status

➢ National IHE initiatives :
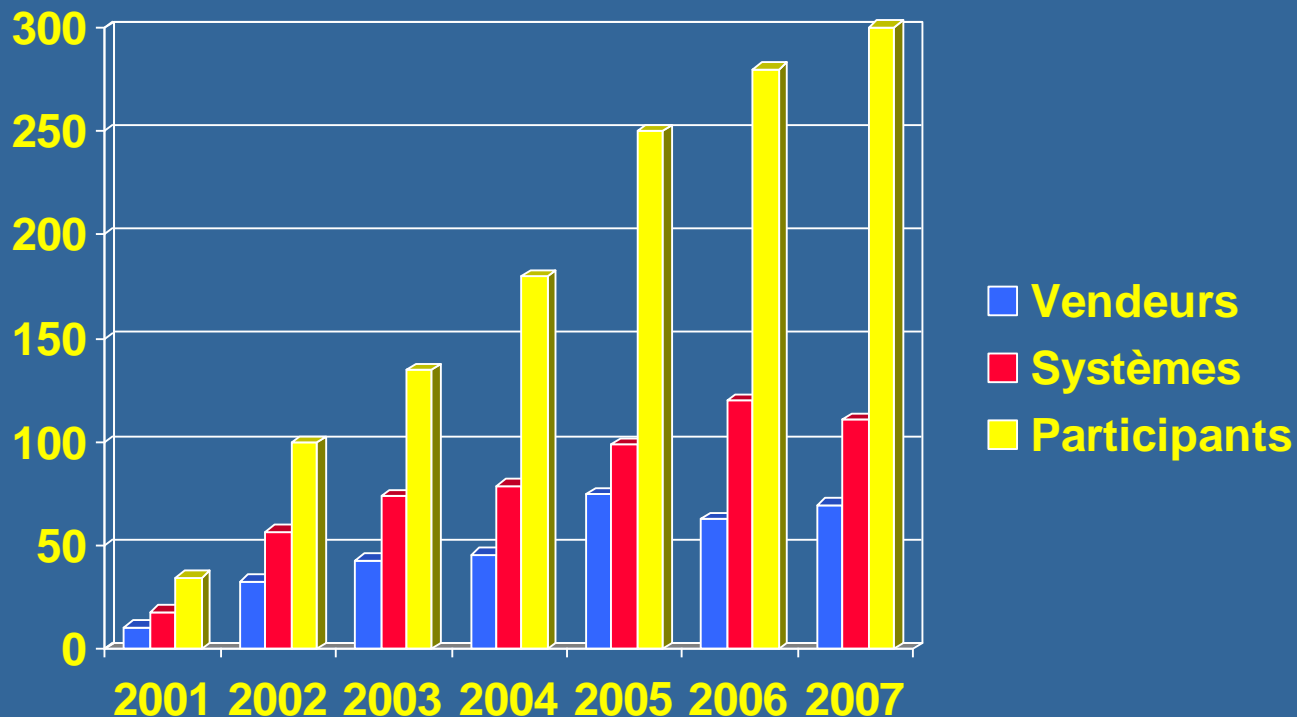  ➢ Who are they ?
  ➢ What are they doing?

# IHE-EUR: Organization



Cochairs : Peter Kunuecke (V) and Karima Bourquard (U)

# IHE-Europe

- **IHE-Europe is still streamlining it's governance model in line with the statutes for setting up a legal entity by the beginning of April**

- **IHE-Europe consists of 10 IHE national initiatives:**
  - Austria, France, Germany, Israel, Italy, Norway, Spain, Sweden, The Netherlands, United Kingdom

- **IHE-Europe has the responsibility of**
  - The contact with the European Commission
  - The organization of the European Connect-a-thon
  - The development towards Europe
  - The recruitment of the European User and Vendor associations

# Activities

- **The main activity of IHE-EUR is the organization of the yearly connectathon (test of interoperability between vendors during 5 days)**



Legend:
- Vendeurs
- Systèmes
- Participants

Years: 2001, 2002, 2003, 2004, 2005, 2006, 2007

# IHE-Europe and the connect-a-thon

**Paris 2001**

11 companies
18 systems

**Berlin 2007**

60 companies
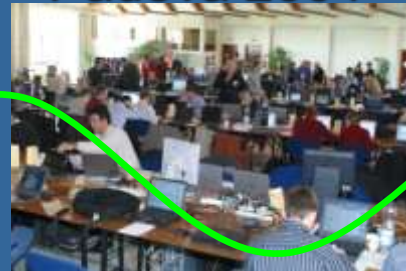111 systems

## 2008: Oxford UK

**Paris 2002**

33 companies
57 systems

**Aachen 2003**

43 companies
74 systems

**Padova 2004**

46 companies
78 systems

**Noordwijkerhout 2005**

75 companies
99 systems

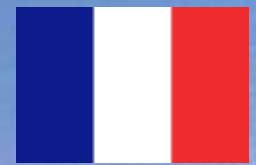**Barcelona 2006**

63 companies
120 systems

# IHE-Europe

- **IHE-Europe is listed one of beneficiaries of a pilot program of the European Commission for the LSP project concerning**

  - Cross border emergency record (Patient Summary)
  - E-Pharmacy / e-Prescription

- **IHE-Europe will be the interface between the project's members (Memberstates) and an Industry team consisting of >30 companies**

# IHE-Austria

IHE Changing the Way Healthcare CONNECTS

# Overview

- **Formally founded, 31.Oct. 2007**
  - not-for-profit foundation

- **4 founding members**
  - Juergen Brandstaetter, Gottfried Heider, Stefan Sauermann, Martin Weigl

- **Strong moral support**
  - Federal Ministry of Health
  - Austrian national EHR project (ELGA)

- **Website is online**
  - www.ihe-austria.at

Changing the Way Healthcare CONNECTS

# *IHE-France*

# Domaines and works in progress

- **Members :**
  - User associations : SFR, SFIL, ADICAP, CNOP
  - National authorities : GMSIH, GIP CPS, GIP DMP, INRIA…
  - Support by the Ministry of Health
  - Vendor associations

- **Works in Progress :**
  - Extension of the  profile PAM for adding  T2A  regulation and the European project Netc@rd
  - New profiles needed for DMP
  - Specialized profiles : radiation dose
  - Domains :
  - Pathology :  Technical Framework TI in January 2008
  - Pharmacy :   New group with 'Ordre des Pharmaciens'
  - Laboratory : TF v2 published

# Communication et education

- **HIT 2007:**
  - Education dedicated to IHE
  - Platform IHE with posters

- **JFR'2007 :**
  - IHE Platform with posters
  - Education dedicated to IHE
  - Avenant 24

- **Education : 2 days sessions**
  - January 2007 :          GMSIH
  - February 2007 :          Ile de la Réunion
  - June 2007 :   CHU de Tours
  - October 2007 :          GMSIH
  - November 2007 :          CHU de Nantes

- **HIT 2008 : demonstration and educational sessions**

# *IHE-Germany*

IHE Changing the Way Healthcare CONNECTS

# Berlin 2007

- **300 engineers from**
- **19 countries**
- **34 IHE monitors**
- **60 vendors**
- **111 systems**
- **>1750 tests**
- **>1000 vendor / actor combinations**
- **5 domains**
- **44 actors tested**
- **31 Integration profiles**



IHE-Europe Connect-a-thon
Berlin, April 2007

# *IHE-Netherlands*

# Overview

- **Active since 2004**

- **47 members – broad user and vendor support**
  - Evert Sanders, radiologist Amphia, Breda – User Chair
  - Harm-Jan Wessels, CEO Forcare – Vendor Chair

- **Formal organisation (not-for-profit foundation)**

- **Supported by professional secretariat**

- **Steering group and working groups**
  - Public Relations - PR
  - Portable Data for Imaging – PDI
  - Cross-Enterprise – XE
  - Education / Conference
  - Lab
  - Zorg & ICT 2007 Interoperability Demonstration

# Key Activities

- **Cooperation with NICTIZ**
  - National Institute for IT in Healthcare
  - Application of IHE to national developments
  - Joint projects (cross-enterprise radiology, lab reports)

- **Annual Dutch IHE conference**
  - Held on 9 Nov 2007; 170 attendees; 20 speakers
  - 7 vendor exhibitors; 4 user success stories

- **New IHE Netherlands website – www.ihe-nl.org**
  - Tailored content; online Content Management System; collaboration tools

- **Dutch guided demo's on RSNA, HIMSS, Connectathon**

- **IHE Interoperability demonstration**
  - National healthcare IT exhibition – March 2008
  - Cross-Enterprise Cardiology (XDS / XDS-I)
  - Interoperability showcase

# *IHE-Spain*

# Overview

- **Active since April 2005**

- **Members**
  - 22 Vendors
  - 4 Scientific societies
  - 7 Public regional health services
  - About 130 individual users

- **Formal organisation (not-for-profit foundation)**

- **Working groups**
  - Public Relations: Dissemination of technical framework
  - Translation: Spanish translation of Radiology handbook
  - IHE Pathology (very active in international committees)
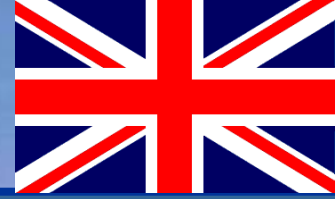  - IHE laboratory

# Key Activities

- **Spanish National Extension published on 31st August**

- **Web renewal**
  - New design
  - More sections, including practical information

- **Collaboration with HL7-Spain**
  - Technical courses on HL7 and PCC profiles
  - Dissemination activities for healthcare managers and healthcare professionals.

- **Publications**
  - Journals: Monographic issue on interoperability in "Informática y Salud"
  - Books: IHE-Radiology Handbook translation

- **Participation in scientific events**
  - National congress of Medical Physics
  - National congress of Spanish Healthcare Informatics Association
  - An more than 10 others

# *IHE-U.K*

# Overview

- **Active since 2002**

- **45 members – user and suppliers including:**
  - Representatives of NHS and Professional user bodies

- **Formal organisation - British Computer Society Health Informatics Forum (BCS HIF)**

- **IHE-UK Steering Committee - hosted by BCS HIF**
  - Nicholas Brown – User Co-Chair

- **Radiology Technical Committee - hosted by British Institute of Radiology**
  - Richard Harries – Radiologist User Co-Chair
  - Chris Bull – Supplier Co-Chair

# Key Activities

- **Cooperation with NHS**
  - IHE representatives are members of relevant committees
- **IHE-UK website – www.IHE-UK.org**
  - Supports Forum facilities for Steering and Technical Committees
- **Very successful XDS workshop late 2007**
  - Jointly organised by the British Computer Society and the British Institute of Radiology.
- **IHE-Europe Connectathon Oxford 7-11 April 2008**
- **Important meeting - Sharing Clinical Documents and Integrating Workflow using IHE XDS - Oxford 9th April 2008**
  - Same venue as Connectathon
- **IHE Interoperability demonstrations 2008**
  - XDS Healthcare Computing, Harrogate 21- 23 April 2008
  - XDS-I UK Radiology Congress, Birmingham 2-4 June 2008

IHE Europe: http://www.IHE-Europe.org

Thank You for Your Attention

Karima Bourquard

Peter Kuenecke