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**CEN/Workshop  
"ICT/SKILLS"**

**TITLE** : The Beginning Work on eCareer Services project and ICT Certification project.

**SOURCE** : John O'Sullivan - CEN ICT Skills Workshop Plenary Meeting (Paris, 14 May 2008)

**ACTION** : Information

**DISTRIBUTION** : WS ICT SKILLS MEMBERS

Association reconnue  
d'utilité publique  
Comité membre français  
du CEN et de l'ISO  
Siret 775 724 818 00015  
Code NAF 751 E

# CEN/ISSS Workshop on ICT-SKILLS

## e-Certification in Europe

Steering Committee

13 May 2008

Plenary meeting

14 May 2008

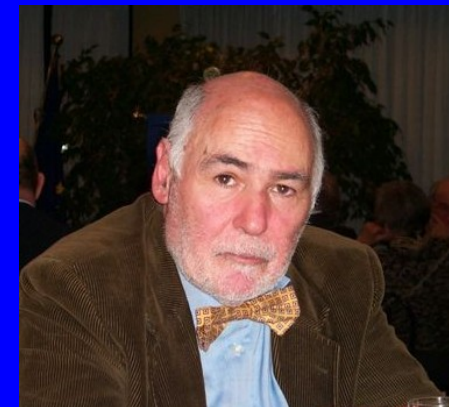
AFNOR Paris



# Project Team



John O'Sullivan  
UK



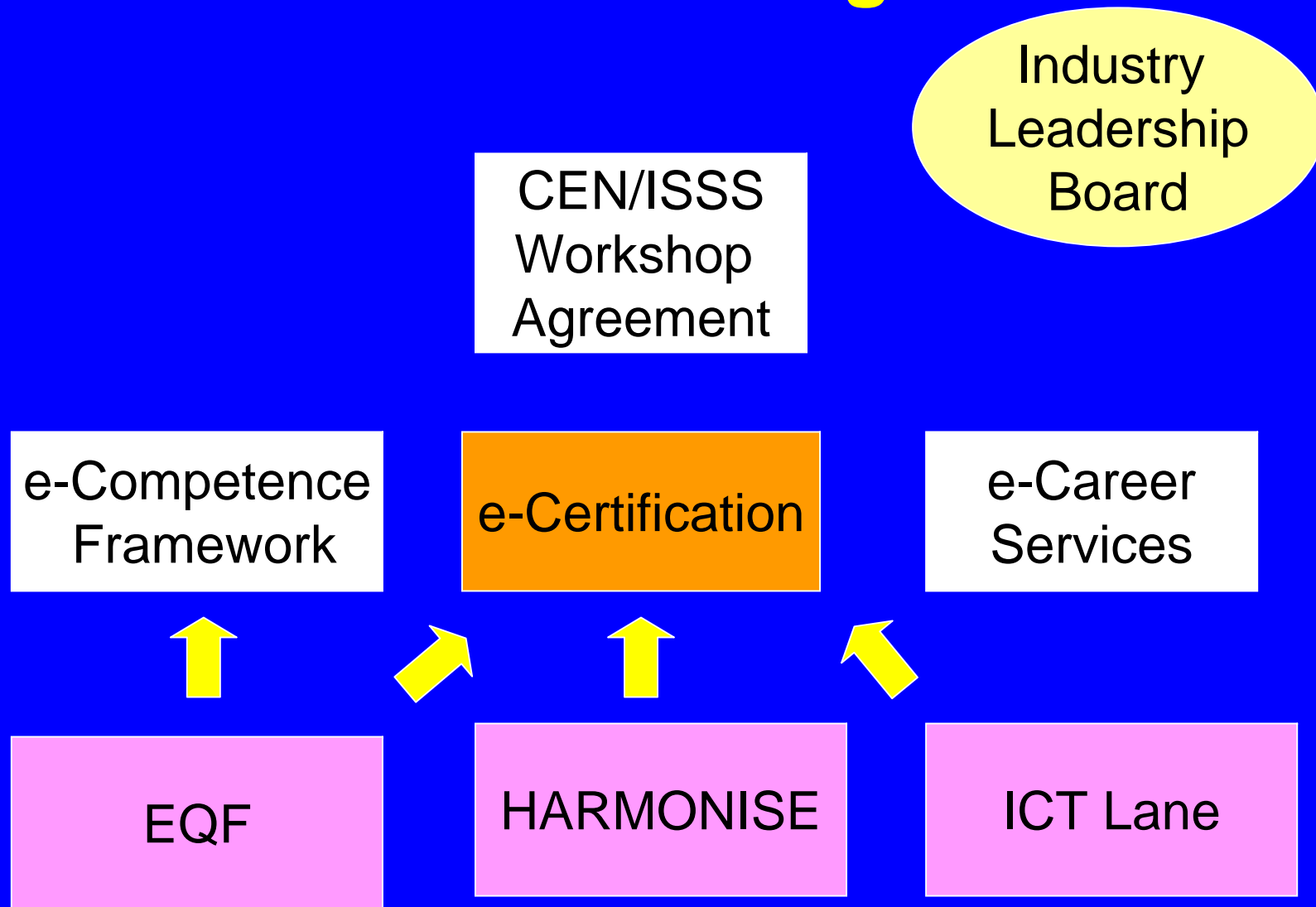
Roberto Bellini  
Italy



Peter Weiss  
Germany



# Positioning



# HARMONISE

- Led by CEPIS in 2006 - 2007
- Four main themes
  - Labour Market for professional e-Skills
  - e-Skills certification processes
  - Market for e-skills certification
  - Quality standards
- Principal conclusion: “certification jungle”
  - 62 certification suppliers
  - 617 types of certifications
  - 5 million certifications in last 6 years
- Contrast with ECDL: 7 million in 146 countries



EDUCATION AND CULTURE



**CEPIS**  
Council of European Professional  
Informatics Societies

# Project Activity

- The goal is to study the market of ICT skills certification for ICT professionals in Europe and beyond.
- The project aims to compare the different products by means of underlying certification schemes and curricula, as well as clarifying the objectives and principles of certification products.
- The approach chosen is to concentrate on the offerings for ICT professionals and on specific ICT sectors of significance for industry

# Objectives

The overall goal is to gain and to strengthen the general **awareness** and **recognition** of ICT professional certification in Europe. The project strives for their higher reputation.

The project involves field experts from different professional backgrounds. The project links to actual initiatives and networks.

The consortium is selected to involve all necessary stakeholders to achieve consensus about future quality measures: training and certification industry, academia, user industry, professional associations and national authorities.

# Some Central Questions...

- What is and defines the “value” of a certification/qualification?
- What is the offered “value” by certification and for whom?
- What are the origins of “value” (direct and indirect) for public and private qualifications?
- What are the individuals’ perspectives?
- What are employers’ perspectives?
- What are the interests of different stakeholders?

# e-Certification in Europe

## Aims and Objectives



- Why are there so many certifications?
- And why is their number increasing?
- What is their role in the context of individual's ICT competence development and lifelong learning?

# Our Proposed Actions

1. Update e-certification statistics
2. Mapping main institutions involved in e-certification support (at country and European level)
3. Methodology for mapping certifications onto emerging e-Competence Framework
4. European Model for e-certification schemes

Interaction between e-Certification Model, e-Competence Framework and e-Career Services

# Action 1: Metrics

- Update HARMONISE data (at country and European level)
- Standardised metrics
- Top 10 to 12 certifications
- Seven large countries
- Data sheet in preparation
- Mid 2008, and again mid-2009
- Annual process

Microsoft  
Cisco  
Sun  
IBM  
ISEB  
ITIL  
Eucip  
SAP  
Comptia  
Oracle  
ISACA

UK	Germany	Italy
Poland	France	Spain
	Netherlands	

# Action 2: Institutional Maps

- Institutional maps for each country
  - Government Ministries and agencies
  - Trade bodies
  - Professional organisations

# Action 3: Institutional Maps

- Methodology for mapping e-certifications
- Mapping results for 2-3 worked examples

Work with Framework and Career Service projects

Most difficult task: obtain trustworthy information

# Action 4: European Model

“Standard” / Guidelines / Principles

- Applies to both vendor and independent schemes
- Co-operation with metrics process
- Co-operation with mapping process
- Mechanism for updating content
- Quality assurance mechanisms
- Clear information to prospective candidates
- “Open” – allow entry from other schemes
- “Recognition”

# Convergence

~~Regulation~~

~~Laissez-faire~~  
certification jungle

**European Model  
for e-Certification**



Work with e-certification suppliers and all stakeholders

# Communications

- Summary text / leaflet
- Speaking opportunities
  - World Computer Congress – Milan – Sept 08
  - E-Skills Conference – Thessaloniki – Oct 08
- Website ?

# Workplan

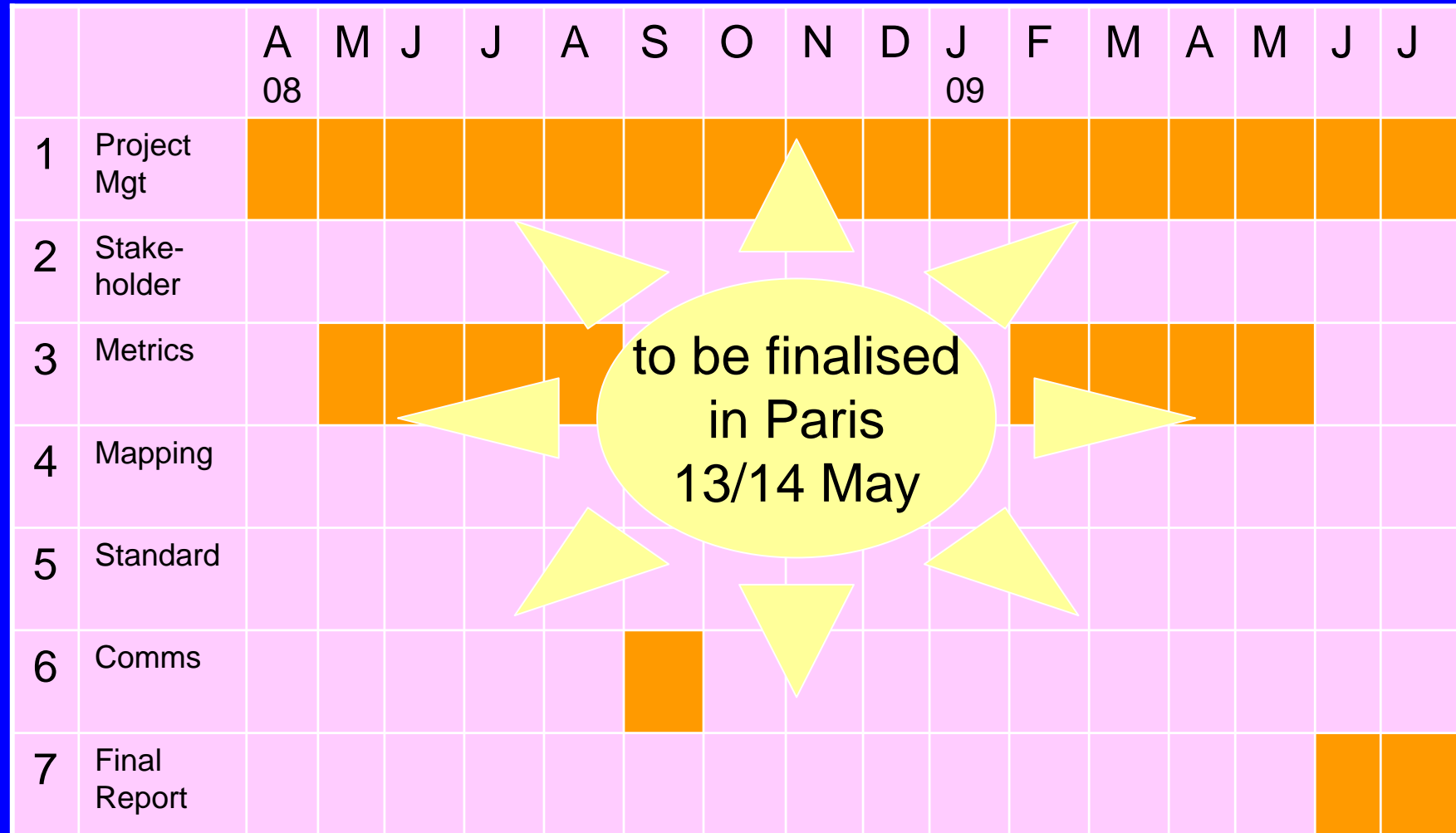
No	Activity	Tasks	Lead
1	Project Mgt	Project plans, mtgs, Co-ord with projects	JOS
2	Stakeholder engagement	Expert workshop. Other events	Peter
3	Metrics	Data sheet. Requests. Data collection	RB
4	Mapping	Methodology Country maps Examples	All
5	e-Cert Model & interactions design	Draft. Development. Approval	All
6	Communications	WCC Milan Sept 08 e-Skills Conference	All
7	Final Report		JOS

# Schedule

Start: 10 March 2008

Finish: 31 July 2009

Duration: 16 months



# CEN/ISSS Workshop on ICT-SKILLS e-Certification in Europe

**European  
Model  
for  
e-Certification**