Co-ordinating IST for Europe's Local Cultural Institutions

www.calimera.org

Calimera =

- Cultural Applications: **Local** Institutions Mediating Electronic Resource Access

- FP 6 **Co-ordination Action**

A little history

- **FP 4 – PubliCA** - public libraries – accompanying measure [1998-2000]

- **FP5 – PULMAN** - public libraries – concerted action [2001-3].
  role in e-Europe
  Oeiras Manifesto + Oeiras Action Plan
  Guidelines (translated into 28 languages)
  www.pulmanweb.org

- **FP6 – CALIMERA** - museums+archives+public libraries+end users

Basic Facts

- 18 months
  - 1 December 2003-31 May 2005

- 900,000 Euros

- 48 partners,40+ countries - local organisations, national authorities, research centres, Eblida
  - financial coordinator: Lisbon
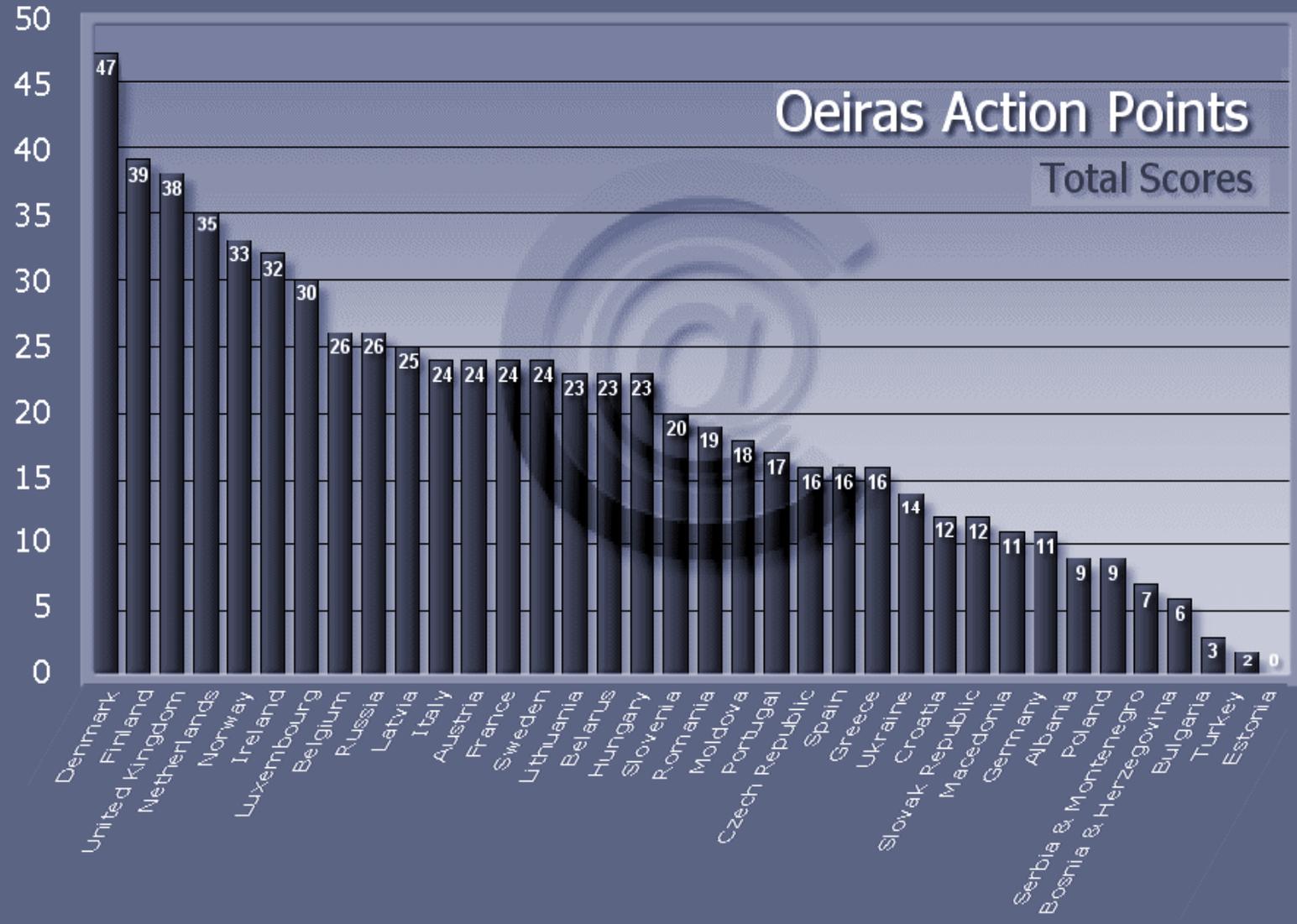 - scientific co-ordinator/project manager: MDR

Strategic objective

- Ensure local cultural institutions can benefit from EU research and development (FP6 2002-2006)

  - enabling 'anywhere, anytime, natural access to IST services for all'

  - new forms of cultural and learning experience

  - community cohesion + cultural identity

  - creativity, inclusion, participation (Vivian Reding)

  - tackle the digital and technology divide

  - growth of knowledge-based economy

  - competitiveness

- Help establish a stable pan-European infrastructure for distributed digital content: 5 to 10 year horizon

@limera

Oeiras Action Points
Total Scores

Main goals : 1

- Research agenda
  - Turn IST research into helpful digital services for citizens
  - Identify opportunities for participation by local institutions

- Make best use of existing/emerging technologies
  - Mobilise **public libraries, local museums and archives**
  - Develop and extend PULMAN good practice guidelines
  - Improve **<u>delivery</u>** of solutions to local institutions

- Focus on the needs of the end user/usability
  - Work with industry/researchers
  - Testing forums (Greece, Hungary, Portugal)

- How to measure impact of services on the end user

Main goals : 2

- Policy work: sensitise decision-makers, professionals, solution providers
  - European, national, regional and local levels
  - Support policy agendas
    - e-government, social inclusion, e-learning, skills for employment, regional local economic development etc.
  - European co-ordination, benchmarking
  - Local authorities
    - implement and deliver digitally-based services locally
    - integration of public services/re-engineering

How?

- Expert workshops

- Desk Research/state of the art analysis/recommendations
  – Usability
  – In–service training

- Toolkits

- Guidelines (++ museums and archives)
  – Translated
  – Good practice links

- Forums

- Country benchmarking reports (+'State of the Union' Overview)

- Solutions Noticeboard

Who?

- Decision-makers at European, national, regional and local levels
  - Support for eEurope policy agendas
- National Authorities responsible for local cultural institutions
  - Cooperation with MINERVA and MinervaPLUS
- Locally-based professionals
  - Country Co-coordinators network
- Solutions Providers
  - the suppliers of local institutions [research and industry]
- FP6 projects
  - BRICKS, DELOS, EPOCH, PrestoSpace

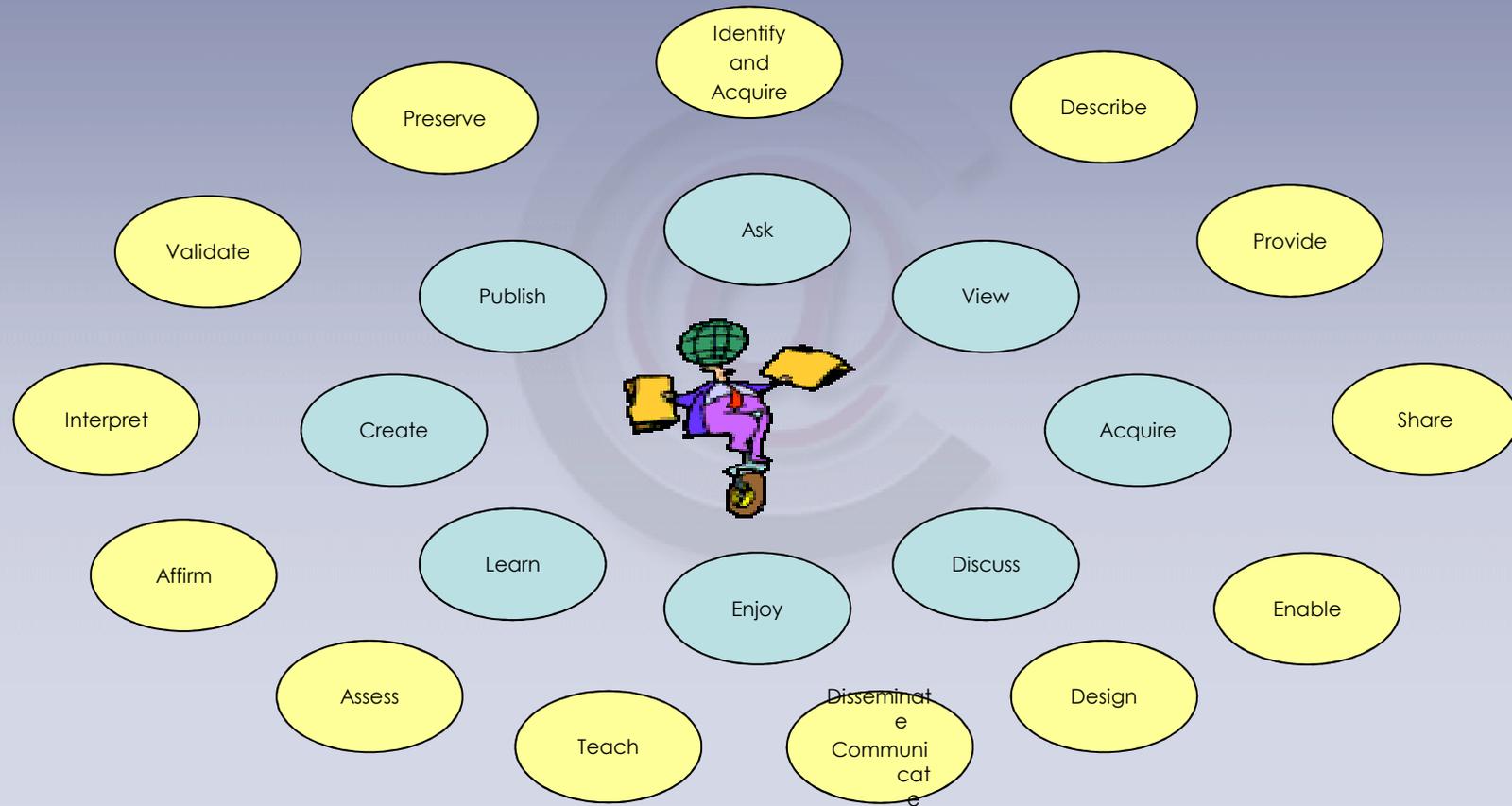Portal website: http://www.calimera.org

… where to begin?

"better use of technology so that ordinary people can participate more actively in the information society through the work of their local cultural institutions, such as libraries, museums and archives mediating services "

- A Research Roadmap
    - Actions needed to secure maximum impact and opportunity
    - Draws on business models and research portfolio
    - Looks at obstacles and drivers to technical solutions
    - Looks at innovative new solutions
    - A model for new research

@limera

Three reference networks

- **Country Co-ordinators: locally-based professionals**
  - builds on PULMAN country co-ordinators
  - adds archives, museums

- **National Authorities responsible for local cultural institutions**
  - public libraries, museums and archives

- **Solutions Providers**
  - the suppliers of local institutions [research and industry]

Research roadmap – 1

Identify and Acquire

Preserve

Describe

Ask

Validate

Provide

Publish

View

Interpret

Create

Acquire

Share

Affirm

Learn

Discuss

Enjoy

Enable

Assess

Design

Teach

Disseminate Communicate

@limera

Research **roadmap** - 2

Function	Systems Description	Examples	Notes / Queries	Research Issues
Create a new object	Systems enable end users to create their own cultural objects, providing all the necessary tools.	COINE (www.coine.org) CHIMER (http://www.chimer.org/index.asp) Reaktor (http://reaktor.deichman.no/) ?? Get a Life (www.dumgal.gov.uk/lia) Terra Buskerud (www.historieboka.no) Moving Here (http://www.movinghere.org.uk/	Tools need to be very simple and assume very little IT knowledge.

Context-based tag technology (SINTEF)

` | Build new systems which provide added functionality to those now available but hide this from the user. |

User functions

- Requirements
- Ask for information
- Manipulate content
- Acquire content
- Discuss
- Enjoy cultural experiences
- Learn
- Create
- Publish

Institutional functions

- Acquire and manage cultural content
- Describe cultural content
- Provide access to cultural content
- Share knowledge between users
- Enable access and undertake tasks
- Disseminate and communicate
- Teach
- Assess
- Affirm
- Interpret
- Validate
- Preserve content

Challenges

- Integrated systems which provide seamless services for users
- Multi-functional services which meet real-world requirements
- Standards compliance and the use of open standards
  - Difficulties and challenges of this for local institutions
  - Issues of maintainability and sustainability
- Bridging the gap between development and deployment
  - Long term sustainability of innovative solutions
- Usability and ease of use are critical to success
  - Functionality; presentation; multi-lingualism

Priorities for research

- Understanding the user requirement
- Tools to enable users to create and share content
- Systems which couple together learning and enjoyment
- Communicating the content and services of institutions
- Inter-operability between systems to offer integrated services at the point of use

The watchwords for local cultural institutions are:
citizens / creativity / learning / communication / involvement

Opportunities

- IST Call 5 - May 2005 - research

- e-Contentplus - applications

- E-Ten – roll out

- Interreg

- EQUAL

- Socrates

- Structural funds (NMS)

- Bilateral funding (Norway/EEA)

www.calimera.org

Rob Davies
rob.davies@mdrpartners.com