CASCADOSS

Trans-National Cascade Training Programme on Open Source GIS & Remote Sensing Software for Environmental Applications

CASCADOSS International symposium

Warsaw June 16, 2008

T. Steenberghen

Evaluating FOSS4G for Environemntal Applications,
International Symposium 16 June, 2008,
International Information Workshop 17-19 June, 2008, Warsaw, POLAND

The Cascadoss Project is financed by the European Commission under the Sixth Framework Programme

CASCADOSS Objectives

- Encourage (GMES) end-users in using geospatial FOSS for geomatics
  - Lower barrier to sophisticated RS/GIS functionality
  - Provide objective information on FOSS
  - Set up a trans-national cascade training programme on FOSS

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Partners

- K.U.Leuven (BE):
  - Coordinator
  - SADL: geospatial R&D
  - ICRI: ICT & Law
- GISAT (CZ), COMPET-TERRA (HU)
  - SME specialized in RS & GIS services in local and EU market
- UNEP/GRID-Warsaw (PL):
  - GIS/RS research and education centre

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Approach

- Several Steps:
  - Study existing geospatial FOSS offerings
    I. Technical (maturity, functionality, reliability)
    II. Environmental applications
    III. Business Models
    IV. Legal issues
  - Present findings at International symposium + workshop

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Results of year 1

- Evaluation Criteria for Open Source GIS & RS software projects
- Guidelines for documenting Open Source GIS & RS environmental projects
- Inventory of Open Source GIS & RS software projects
- Inventory of Open Source GIS & RS based environmental applications

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Results of year 1

- Evaluation & documentation of Open Source GIS&RS Software projects
- Evaluation & documentation of Opens Source GIS&RS based environmental applications
- Inventory & analysis of OSS business models
- Guide on Open Source legal issues

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International symposium and workshop

- Participants = high end users
  - Members of organisations dealing with GI
  - Scientists
  - SMEs
  - Regional government authorities
  - Institutions involved with GMES
  - National Mapping Agencies
  - Other members of Open-Source community

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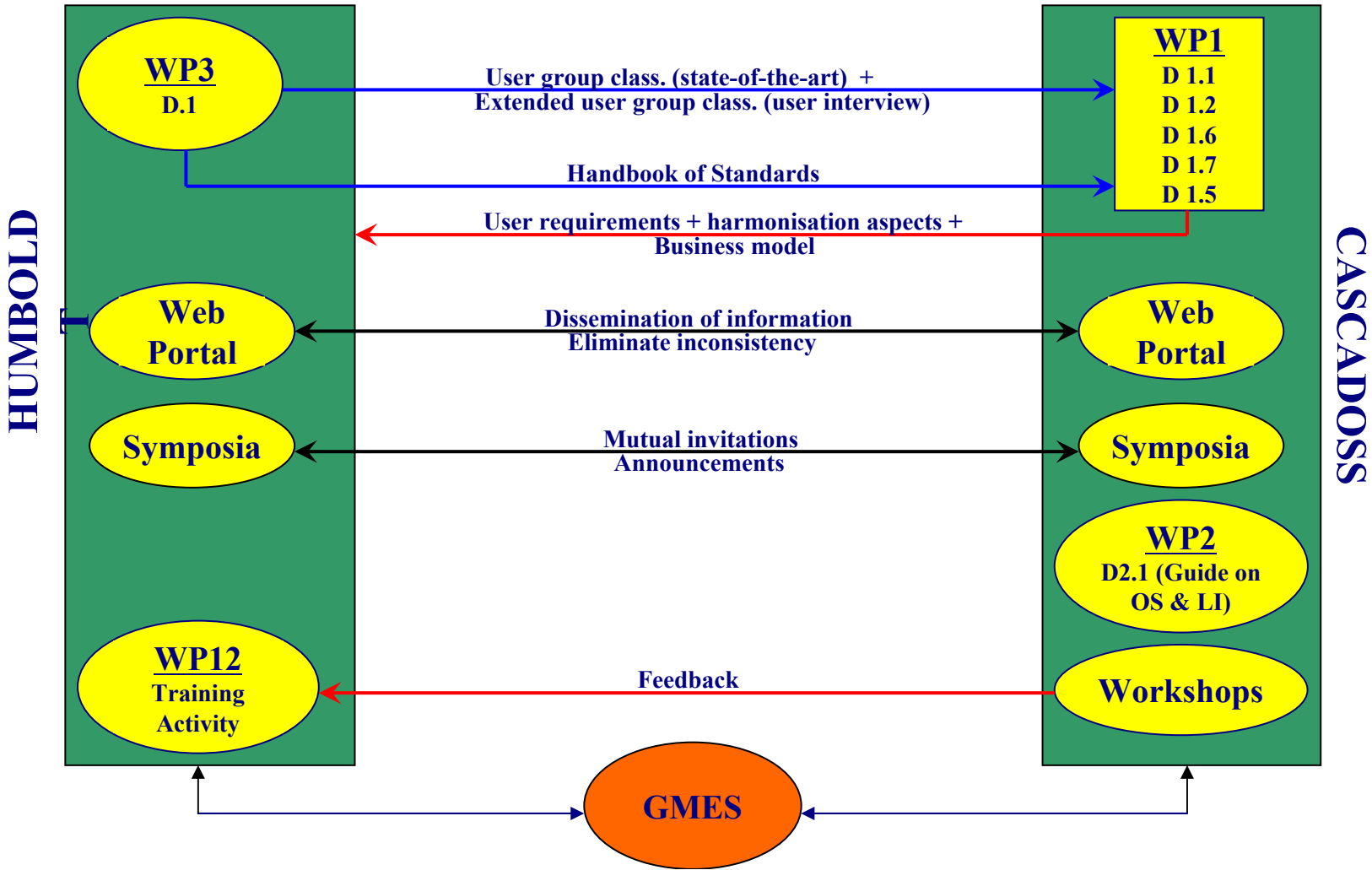
CASCADOSS / HUMBOLDT Interaction



Approach: next Steps

- National/regional workshops; SME's, service providers to end-users (researchers)
- Enduring distribution of information through geospatial OSS portal

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Potential Impact

- Economical
  - Reducing cost to GMES users (*'free' as in 'free beer'*)
  - Stimulating innovation (*'free' as in 'free speech'*)
- Technological
  - Better interoperability through open standards compliance
- Societal
  - Bringing experts together, fostering co-operation

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Project Outputs

- Knowledge:
  - Best practices, evaluation of geospatial FOSS projects
  - Business models for FOSS for SME's
  - Evaluation of licensing issues for FOSS
- Learning materials:
  - Practice data sets, tutorials
  - liveDVD with pre-installed FOSS geospatial software
- Geospatial OSS Portal

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