Open Government Data in Austria

Organisation, Procedures and Uptake

SharePSI 2.0 - Samos Summit

30. June 2014

Johann Höchtl & Peter Parycek
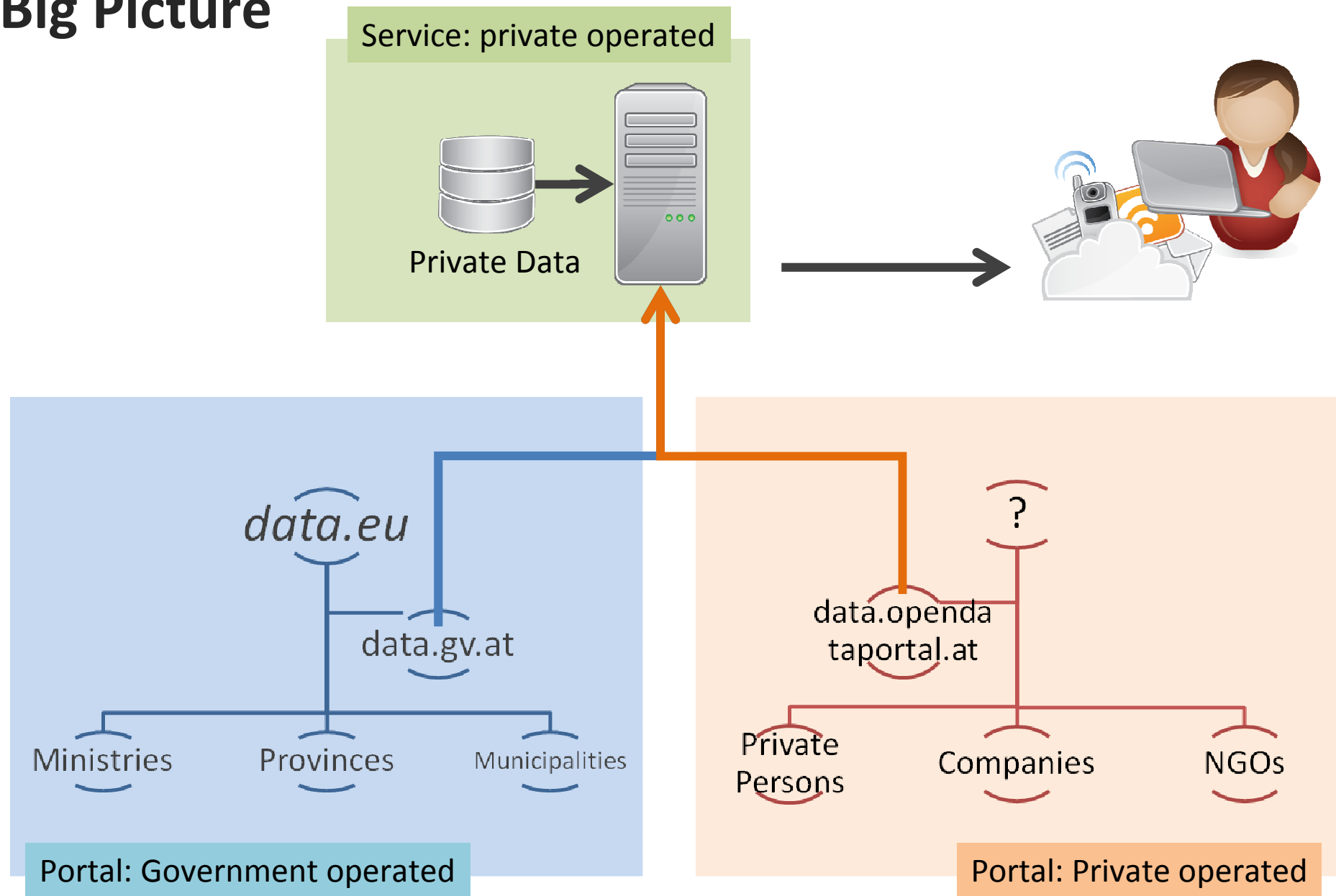Danube University Krems

I O(G)D in Austria

Big Picture

Service: private operated

Private Data

data.eu

data.gv.at

Ministries   Provinces   Municipalities

Portal: Government operated

?

data.openda taportal.at

Private Persons   Companies   NGOs

Portal: Private operated

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Data Marketplace & Workbench

UN Public Service Award

Open Data Portal for Companies, Science, Civil Society Organizations, People, Machines, …

Governance Framework
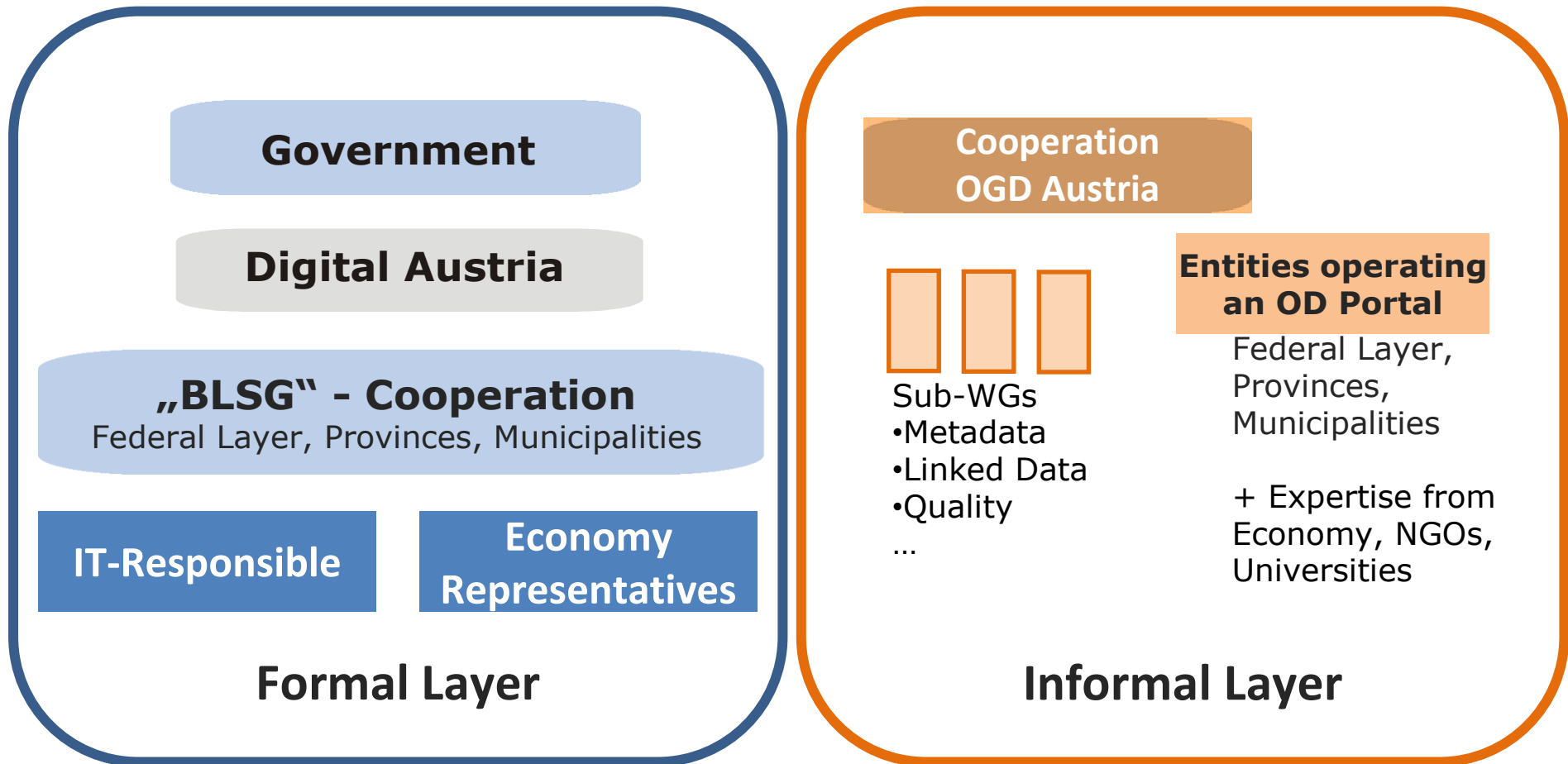
Formal Layer

Government

Digital Austria

„BLSG" - Cooperation
Federal Layer, Provinces, Municipalities

IT-Responsible

Economy Representatives

Informal Layer

Cooperation OGD Austria

Sub-WGs
•Metadata
•Linked Data
•Quality
…

Entities operating an OD Portal

Federal Layer, Provinces, Municipalities

+ Expertise from Economy, NGOs, Universities

Organisation

- Benefits
  - Collaboration of the apt and willing
  - Attitude of good enough → quick results
  - Broad pool of knowledge – broad consensus

- Challenges
  - Organisational self-sustainability
  - Phasing of informal results into formal regulation
  - Relevance

1,262 Datasets

19.3%
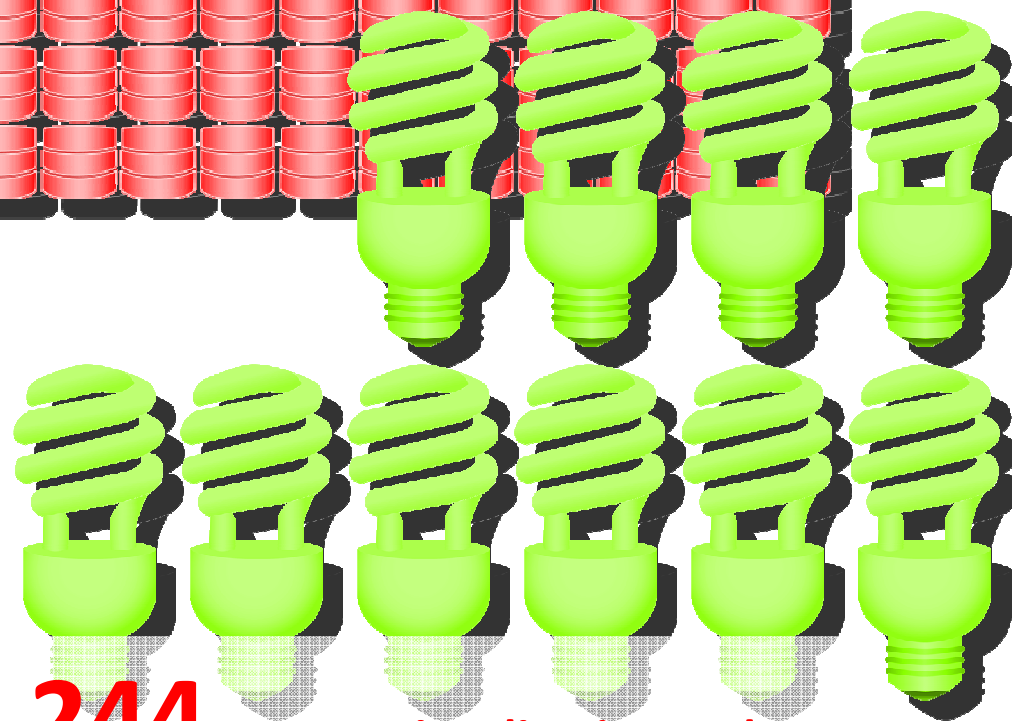## Implementation rate
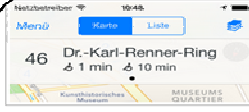
244 Apps, Visualisations, Ideas

Exapmle: 1 Data Set: 14 Apps

Open Data Austria Success factors

- **Technical Interoperability**
  - Meta-Data Schema Standardisation
  - No URI concept => but URL schema
  - CKAN Interface for collecting metadata

- **Legal Interoperability**
  - One Licence! Creative Commons: CC BY
  - Clear Focus on **no** legal framework – It's not about PSI and FOI

- **Organisational Interoperability & Aspects**
  - Agile and open Cooperation (Administration, Science, CSO e.g. OKF AT
  - De facto Standard (Meta Data, URI and Licence)
  - One central portal which combines federal open data portal

II Insights

Provider Engagement

- Goal
  - Release more (quality) data
  - Adhere to specifications
- Challenges: Convince the undecided department heads
- Measures
  - Transport the benefits of open data and open innovation
  - Virtual competence centre assisting in answering questions and helping out with administrative publication processes
  - Focus groups with head of departments and implementers to give both proponents and opponents an auditorium
  - Information campaigns: What is open data, open government and shareconomy; Success stories of external users & internal providers
  - Develop open data success indicators for departments

User Engagement

- Goal
  - Motivate users to realize implementations
  - Stakeholder networking
- Challenge: Mind-set of "We already provided for free"
- Measures
  - Create a community dissemination platform
  - Involvement of community key players as multiplicators
  - Competitions and Hackathons aligned eg. with University curricula, awards aligned with festivals and "direct marketing"
  - Train the trainer programs: Teachers including OD basics in informatics, geography and mathematics.

Changes in Government Perspective

- New or changed organisational responsibilities: Data responsible / department; central data structure and methodology coordinator.

- Increased Data Quality and common understanding

- Open Data portal as a "poor mans information management" platform

- Streamlined (Publication Processes)

- Trend towards higher level infrastructure services

- Administration retracts to it's core business

Changing Motivation & Value Creation

- Motivations
  - 2012: Technical challenge
  - 2013: Be part of it: Name dropping at Open Data Challenge
  - 2014: Sophisticated Business models, combining Open government Data and Private data, freemium and premium models.

- Value creation
  - Open Data Challenge 2013: Visualisations created from Austrian data sets from abroad
  - Improved public transport scheduling application with more accurate and user friendly results: More tourists in remote areas off the beaten track, 16% of downloads from devices registered outside Austria

- Further new aspects:
  - Risk reduction and Easier time to market
  - Indirect revenue circles: increased usability for the benefit of more

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III Reco

Recommendations – Strategic measures

1. Ongoing topic oriented data publication phases
2. Community Building and new partners e.g. Universities Research Institutions
3. Include creative methodologies and analytical competences in education and training programs;
4. Promote a legal framework/OGD that makes OGD an integral part of department actions.
5. Include OGD portals into Participation and Collaboration
6. Develop new success indicators for administrative departments
7. Create OGD Quality process

Recommendations – Technical Layer

1.Implement a cross-department information management system;

2.Harmonization of data representations and comparability of OGD through code lists and thesauri;

3.Provide data inspection and generic visualizations tools on the O(G)D platform such as points of interest or time series related data.

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Recommendations – Fulfilling Expectations

1. Stakeholder specific target group management
2. Networking between different target groups
3. Publication of political sensitive data
4. Homogenous data standards
5. OGD backed by legal framework

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GSS Hype Cycle -
Refrain from the trough of dispair

Open Data

Open Data

Call for Papers

eDEMASIA **14**
CONFERENCE FOR eDEMOCRACY & OPEN GOVERNMENT
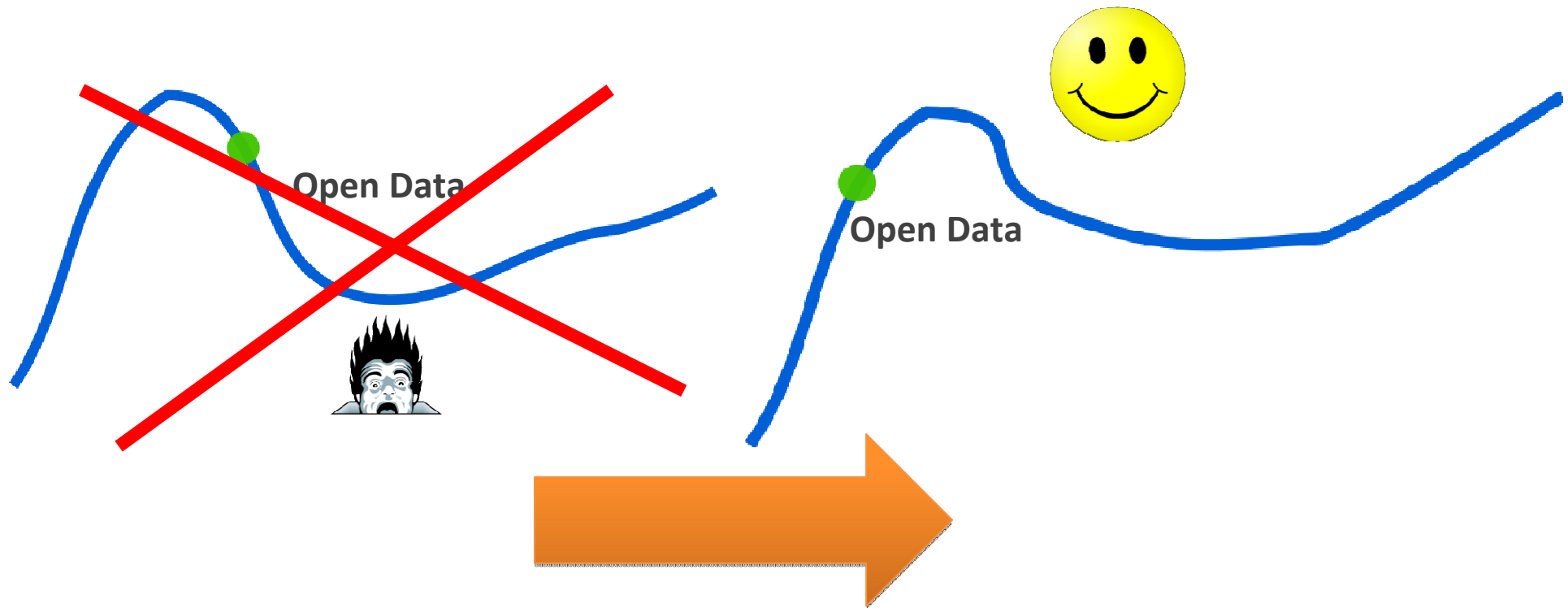
Submission Deadline:
15 July 2014

JeDEM
eJOURNAL OF eDEMOCRACY & OPEN GOVERNMENT

Submission Deadline:
30 July 2014

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THANK YOU FOR YOUR ATTENTION

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