



Kimmo Rossi

European Commission
DG CONNECT

Unit CNECT.G.3
Data Value Chain

New organisation



On 1/7/2012, DG INFSO becomes DG CONNECT

Units E.1 (LT), E.2 (Data), E.4 (PSI) merge into one unit G.3 "Data value chain"

The "language technology" portfolio will continue to exist, but under the broader "Data" context.

Consequences:

G.3 will handle all E1&E2 RTD&I projects (140)

G.3 will handle policy issues/legislation related to open (public) data

G.3 will handle CEF infrastructures on "language" and "data"

New opportunities



A new opportunity to explore synergies between the "Data" challenge and language technologies

Using and customizing LT (e.g. MT, IR) for the needs of Linked Data – Semantic Web – Big Data

Extracting meaning from text – converting unstructured data (text, speech) to structured data (databases, RDF, ontologies)

Consolidating the work on terminology, ontologies, taxonomies, nomenclatures, administrative vocabularies



Connecting Europe Facility (CEF) – 8 digital infrastructures planned, including

- Europeana (digital library)
- eGovernment, eHealth
- **Open Data (data.eu)**
- **Multilingual access to online services**

Each budgeting around 200+ MEUR for 7 years



Rationale:

enable providers of online services to offer their content & services in as many EU languages as possible, in a most cost effective way

A language infrastructure addressing:

- public services eg eGovernment, eHealth
- commercial services eg eCommerce
- possibly, user-generated content (social media)



- *Obj. 4.1* "Content analytics and language technologies" (Call 10, closing Jan 2013, 27 MEUR)
 - cross-media content analytics
 - high-quality machine translation
 - natural spoken & multimodal interaction
- *Obj. 4.2* "Scalable data analytics" (call 11: closing Apr 2013, 31 MEUR)
 - Scalable algorithms, SW frameworks, visualization
 - Big data roadmap (CSA)
- *Obj. 4.3* "SME initiative on analytics" (separate call, synchronized with call 10, 20 MEUR)



Thank you!
Enjoy the workshop!

Kimmo.Rossi@ec.europa.eu