WP8: Exploitation and Dissemination

Mondeca return of experience on transitioning Tourism Information Systems

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e-tourism: a school-book use case

- Relies on knowledge representation
- Diversity and availability of web services
- A long experience in sharing and exchanging information in a multilingual environment

e-tourism: a good use case for generic knowledge management problem
Why Ontology based Tourism Information System?

**Regions**

- Be able in a **single application** to describe **all region tourism resources** (infrastructure, cultural heritage, events, craftwork...) and their **relationships** for region promotion and cross selling

- **Expose it on the web**

- **Make it available for partners**

- **Legacy system**
  - Database driven
  - Fine for catalog not for tourism resources promotion
  - Unable to reflect marketing strategy: sensible annotation, linking
  - Difficult to integrate with other services
Why Ontology/SOA based Tourism Information System?

- **Manage complex resources catalogs** and tourism knowledge links
- **Adapt** to regional specificity easily
- **Use Service Oriented Application**
  - to integrate **added value services** from other suppliers cartography, translation, booking services...
  - to provide content and Knowledge to partners
Transitioning challenge?

For MONDECA as solution provider

- Make transitioning fast and effective
- Build a reusable transitioning process
- Minimize consulting time during migration and costs
- Make project fast with limited risk
Methods and tools for Transitioning

Build automatic migration tools for heterogeneous Tourism Information System based on TAO results and Mondeca experience

- Ontology model and terminology enrichment based on textual document with TAO-Ontogen
- Tourism knowledge base updates and tourism content annotation with TAO-GATE/CA Manager
- Enrich the solution with Web Services to replace specific developments
  - Import/export: RDF, SKOS
  - WS for editing, search, navigation & for integration of external services
As Ontology / SOA based application are highly reusable it is *worth to invest in transitioning method and tools* as TAO project anticipated.

Thanks to TAO, Knowledge Management providers can deliver *faster and more effective migration* solutions and services.