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## Ricerca Partner in E content dalla Spagna

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Ricerca partner dalla Spagna in E content plus  
Contattare [angrisani@apre.it](mailto:angrisani@apre.it)

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----- PARTNER SEARCH E-CONTENT7-EU-TARG-2 -----  
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<Reference n.: E-CONTENT7-EU-TARG-2>  
<Deadline: 12/10/2007>  
<Programme: >e content  
<Project Title: Open European Knowledge Collection of Multilingual  
Digital Learning Contents about Local/Regional Development >  
<Financial Scheme: >targeted project  
<Description: Overall objective: making the digital learning contents  
about Local/Regional Development in Europe more accesible and usable  
at Community level and facilitating coexistence and exchange of these  
contents including both user-generated content and professionally  
produced content.

Short project description: this project aims to create an Open  
European Knowledge Collection for accessing, using, exploiting and  
exchanging digital multimedia learning contents about local/regional  
development, based on applying state-of-the-art technologies in areas  
such as processing, recognition and description, tagging, segmenting,  
storing, retrieving and securing digital multimedia data.

Key issues: technological and semantic interoperability and contents  
management, as well as the co-ordinated learning resources exchange  
strategy.

Specific Objectives: these objectives are mainly:

- To customize, apply and validate/demonstrate the state-of-the-art technologies in areas such as processing, recognition and description, tagging, segmenting, storing, retrieving, securing and management for digital multimedia multilingual data on local/regional development and a collaborative annotation system to auto-generate new content in this issue.
- To develop and evaluate a final demonstrator for the Open European Knowledge Collection of Multilingual Digital Learning Contents about Local/Regional Development.
- To develop a pilot training course about local/regional development available online.

Rationale: the main specific problems that are going to be addressed by the project are lots of projects and contents about local/regional development and e-learning, but isolated solutions, not widely known and no single access point; and exchange and interconnection fails due to lack of metadata, language barriers and missing shared infrastructure.

Potential Contents to be include: these contents should be about local/regional development and must cover both user-generated content and professionally produced content. These contents are and will be mainly used for learning in continuing training courses and for self-learning. The approach proposed should pay particular attention to pedagogical, multicultural and multilingual aspects of using the underlying content and to the feedback from the target users. The consortium must agree the selection criteria for contents to be contributed and each provider must clearly identify the quantity, definition, format and quality of contents that they are going to contribute. Additional actions that can be carried out on existing Local/Regional Development Digital Educational Contents, are the following:

- To give them add value (it could be also including more knowlegde and computer understandable data, improving their quality, etc.,
- to improve the technological and semantic interoperability at services level (this is absolutly necessary to access, use and distribution of contents),
- contents management,
- contents dissemination at Community level,
- interaction of contents which dynamize them,
- adaptation of these contents for learning in a multicultural context.

Open standars will be use if it is appropriate.

A brief description of the proposed Knowledge Collection could be according General Internacional standard archival description Isad(G) and could be separate in the following parts: Knowledge pools and inside these pools: sections, series, subseries, compound documentary units (files/dossiers), simple documentary units (documents) etc.

Pools sections could be:

- o Economy and Finance,
- o Employment, Social Affairs and Equal Opportunities
- o Education and Culture,
- o Tourism,

- o Enterprise, industry, trade and services,
- o Agriculture and rural development,
- o Energy and Transport,
- o Infrastructure,
- o Environment,
- o Science and Technology: Information Society, I+D+i, new Information and Communication Technologies, etc.,
- o Cross-border, transnational and inter-regional cooperation.

Target Users and their needs: a initial proposal could be that this group would be integrated by people who works (or wants to work) on the development and life quality of its own territories in private or public regional development organizations. In Spain for example it would be occupations such as Local and Employment Development Agents, New Technologies Development Agents, Employment Promotion Technicians, Tourist Development Technicians, Agrarian Advice and Training Technician, etc.

Work Package: (End user feedback mechanisms will be foreseen in all project milestones or phases, but the focus of them will be mainly on access, use and quality of the content) The phases of the this project would be:

- o Definition Phase:
  - o Definition of common knowledge pools, pools structure, content categories and descriptors and an european metadata for these pools to be included in the pilot digital European Knowledge Collection.
  - o Establishment of a common data processing methodology.
  - o Identification the state-of-the-art technologies in areas such as processing, recognition and description, tagging, segmenting, storing, retrieving, securing and management for digital multimedia multilingual data.
  - o Selection agreed by consensus the state-of-the-art technologies in abovementioned areas and definition of technical and functional specification for them.
  - o Identification and selection agreed by consensus end users interface, in which for example these users can add contents.
  - o Identification and selection agreed by consensus of a collaborative annotation system to auto-generate new content to be included in the final digital European Knowledge Collection demonstrator.
  - o Definition a pilot training course about local/regional development available online as project demonstrator.
  - o Definition the sustainability plan for Collection.
- o Development/implementation Phase:
  - o Preparation the contents and processing the content for the final European digital data Collection.
  - o Development/customizing and applying the state-of-the-art technologies and tools in abovementioned areas to achieve the project objectives.
- o Demonstration the state-of-the-art technologies in abovementioned areas.
- o Development a pilot training course about local/regional development available online.
- o Demonstration the pilot training course about local/regional development available online.
- o Development/customizing end user interface.

- o Development/customizing and applying a collaborative annotation system to auto-generate new content to be included in the final European digital data Collection demonstrator.
- o Development the Open Digital European Knowledge Collection demonstrator of Multilingual Digital Learning Contents about Local/Regional Development.
- o Validation, monitoring and evaluation Phase:

Validation, monitoring and evaluation of prototypes/demonstrators:

- o European metadata for Knowledge Pools about Local/Regional Development.
- o End user interface and the state-of-the-art technologies and tools applying in the project.
- o Collection.
- o Pilot training course about local/regional development available online.
- o Exploitation and dissemination activities and results: will be carried out throughout all the abovementioned phases of the project, to raise awareness of the project and to prepare to implement the developed services at the end of the project.

Expected results and impact: increased use of the underlying educational content about local/regional development across borders for learning in multiple languages and in continuing training courses and for self-learning . Deliverables-results project:

- o European metadata for Knowledge Pools about Local/Regional Development.
- o End user interface and the state-of-the-art technologies and tools applying in the project.
- o Collection.
- o Pilot training course about local/regional development available online.

<Organisation Type: Pubblica Amministrazione>

<Partner Sought: Consortium (the different types of partners should be represented in a balanced way and must come from at least between seven and sixteen countries). The recommend partner types should be at least:

- Digital content stakeholders:
  - o Contents providers: Área de Desarrollo Local de la Diputación de Badajoz as provider (this public body is a local civil server that produces, collects and owns digital educational contents about Local/Regional Development. This contents are normally obtained as deliverables or results from several carried out project or in the context of our own Training Service/Department). You can see more information about our entity in an attached file.
  - o End users both trainers and learners: for example pedagogical experts and trainers; and associations or organisations of learners.
- Technology providers/partners.
- Dissemination partners.
- Etc.

Our entity consider possible that some partner different of us could have the role of project co-ordinator under the grant agreement (you must tell if your organisation is interested in this). The partners can however agree on a distribution of the work whereby another

beneficiary co-ordinates the technical work.

The consortium should have a pilot end user group (trainers and learners) to be consulted by the consortium in order to provide advice and feedback on the design, implementation and results of the project. Perhaps it would be better if these end users would take part in the consortium. The main role of this external or internal group would be to ensure the effectiveness and efficiency of the learning process and the utility of the created Collection in order to contribute to fulfilling their needs.

The consortium and its members must ensure the necessary availability of the content to be contributed to the project. In particular, the input content should not depend on proprietary third-party rights or any other constraints, which would limit its use for the execution of the project. They must also agree on the necessary licensing or clearing arrangements for any Intellectual Property Rights (IPR) arising from the project (output) to ensure wider use and dissemination of the project results.

Other requirements of Calls of Proposals:

- Multicultural and multilingual aspects of accessing and using digital content in Europe must be integral to all the actions.
- European dimension: information in areas of public interest at Community level, significant impact through mainly the participation of important and wide stakeholders from a large number of countries.
- Complementarity and synergy with related Community initiatives and programmes, in particular those related to education and to the European interoperability framework (for example, eLearning).
- Actions will use proven state-of-the-art technical solutions, and will be geared towards innovation in organisation and in deployment, as opposed to purely technological innovation.