



EURADIN
European Address
Infrastructure

EURADIN Project 2008 - 2010

EURADIN consortium

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co-funded by the
Community programme
eContentplus

EURADIN Project 2008 – 2010
INSPIRE Conference Krakow

ECP-2007-GEO-317002

Overview

 Scope

 Findings & Results

 Benefits

 Validation

 Conclusions and final remarks

Outline

- ⇒ E-Content Plus project – Best Practice Network
- ⇒ Running from June 2008 until May 2010
- ⇒ 30 partners from 16 countries
 - ⇒ Well balanced participation across EU
 - ⇒ Public Administrations and private companies
 - ⇒ Information providers and information users

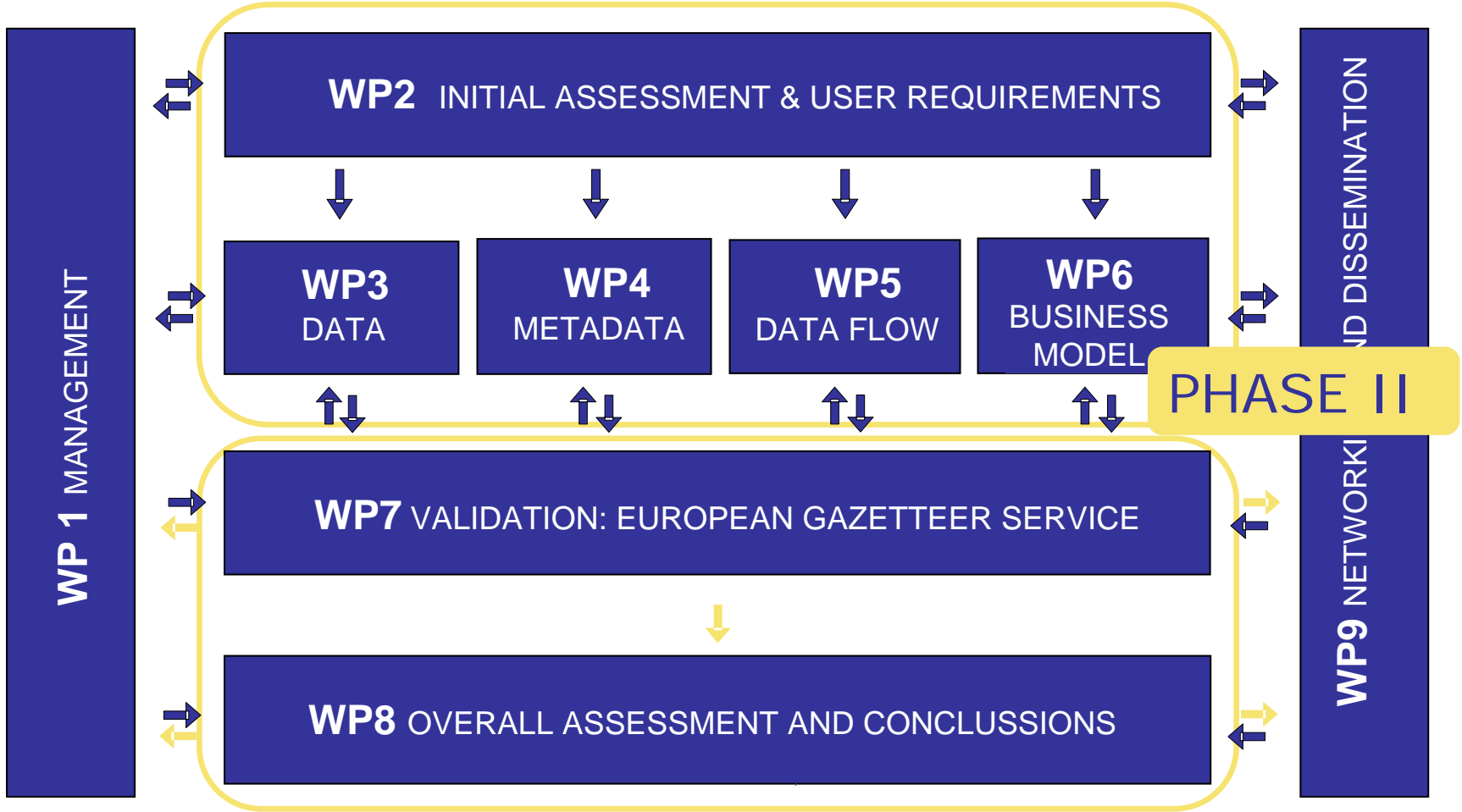


Main Objectives

- ⇒ To propose a solution for achieving **Address interoperability**: access, reuse and management of address information.
- ⇒ To contribute to the **harmonization of European Addresses** and
- ⇒ To promote the creation of new **added value products and services** across Europe

Working Plan

PHASE I

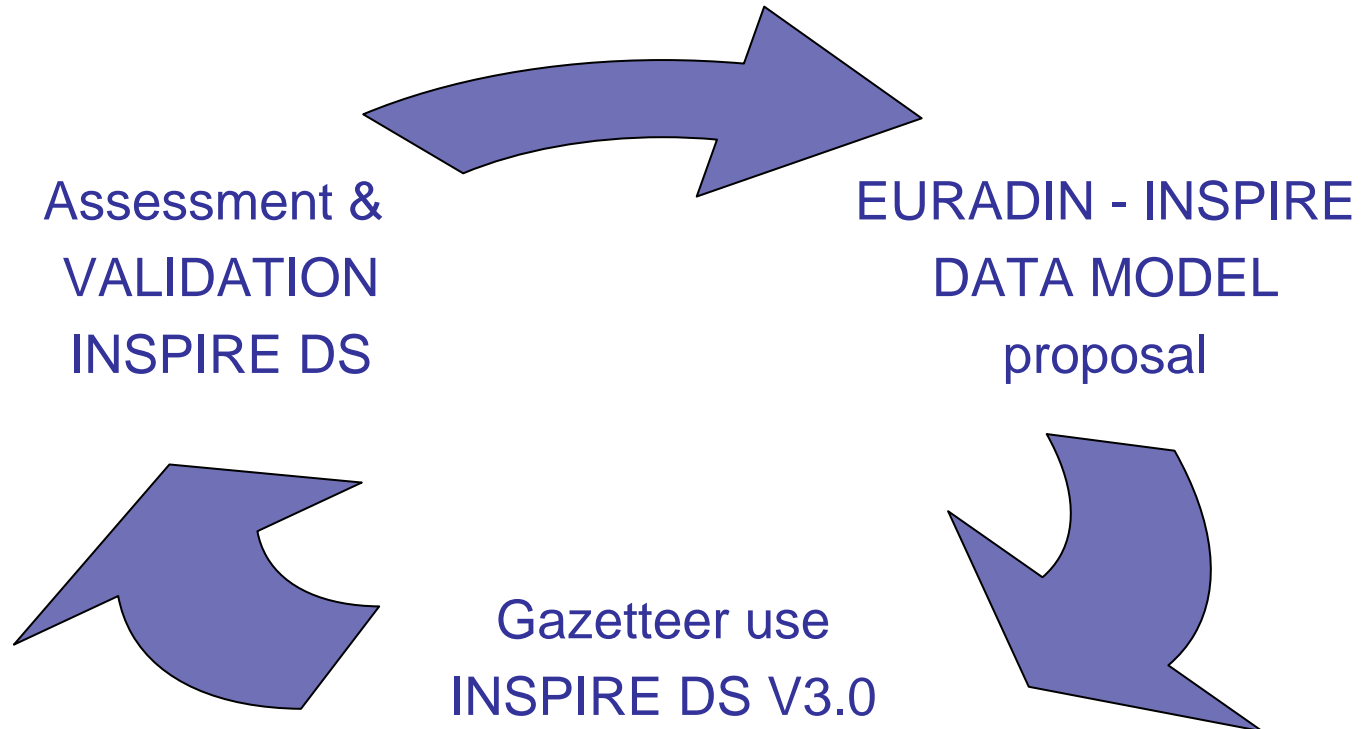


Results

- ⇒ State of the art
 - ⇒ Big picture about address systems in Europe
 - ⇒ Several Best practices considered
- ⇒ INSPIRE Data Model validated and further elements for EURADIN Data Model considered
- ⇒ EURADIN Metadata Profile prepared
- ⇒ Generalized Data Flow better understood
- ⇒ Business models and economic justification examined
- ⇒ Gazetteer service prototype developed

Value Added: Validating INSPIRE

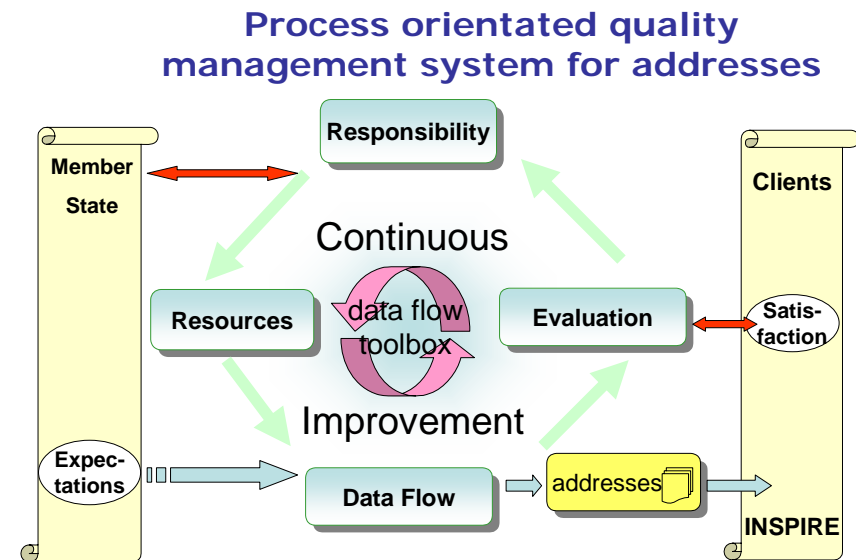
Using INSPIRE DS V3.0



Lessons learnt

- ⇒ Contribution to INSPIRE Testing Phase
- ⇒ Following INSPIRE methodology
- Experience how to validate DS**
- ⇒ Metadata address to improve the interoperability fulfilling INSPIRE and according to ISO standards

- ⇒ The data flow framework
 - is a practical toolbox
 - ⇒ to help to establish a data flow or
 - ⇒ to help to improve existing data flows in the Member States.

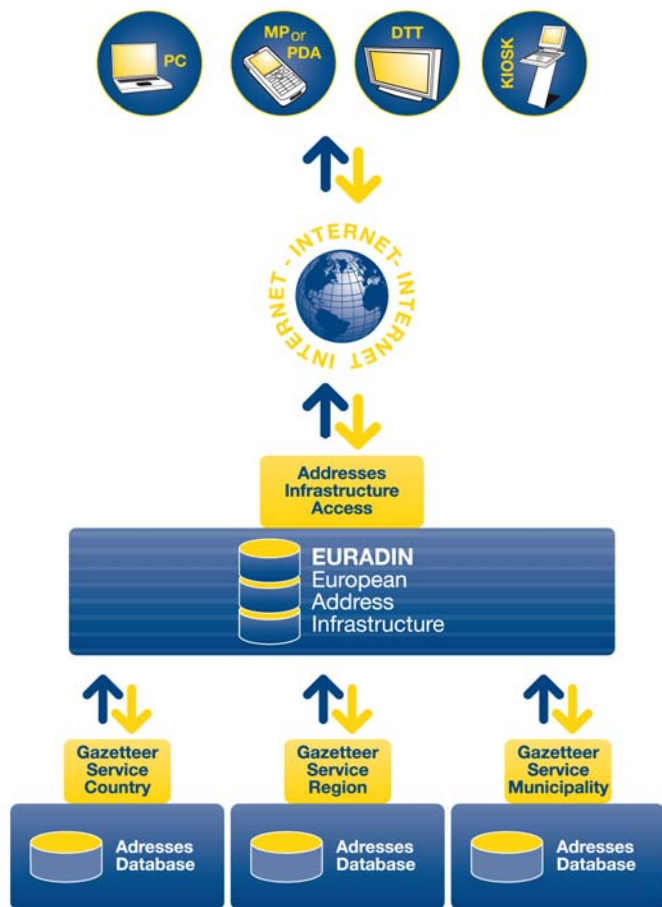


Added Value

From general demand
to a specific response
INSPIRE → Euradin

From a thematic project
to a coordinated testing
Euradin → INSPIRE

" Gazetteer service "



- ⇒ Distributed architecture
- ⇒ Service integration and distribution resolving
- ⇒ Data model based upon INSPIRE V3.0
- ⇒ Functionality from business model

Results & Benefits

- ⇒ Experienced **WFS and SOAP WS** Gazetteer services have tremendous value
- ⇒ It has proved the **viability of a central address multi-database** hub for Europe, serving as a very interesting test bed for INSPIRE initiative.
- ⇒ It has demonstrated the **feasibility to apply the Data model** based upon INSPIRE, the delivery of one of the core INSPIRE datasets and thus of the benefits intended by the Directive.
- ⇒ European Gazetteer Service today as a **pilot** implementation



How is the cost justified? „Business Model“

In seven applications alone the total value is
potentially

Euros 6,000,000,000 pa
for the EU area

Absurd? Perhaps but there is supporting evidence

- ⇒ Of extra property tax of Euros 200,000 pa in one local government area from better addressing [total EU area equivalent Euros 554 million pa] and of more efficient refuse collection Euros 134,000pa [EU equivalent Euros 370 million]
- ⇒ Of general **local government efficiency** gains of Euros 112,00 [EU equivalent Euros 308, million pa]
- ⇒ Of **more lives saved**, of **CO2 emissions reduced**, of more successful eCommerce applications

The total EU value would be Euros 63 billion per annum.....



Key recommendations for Address business model

- ⇒ There should be a *single national “official” address reference database*;
- ⇒ The process should be *sponsored and controlled by the Public Sector*;
- ⇒ The data should be *owned by the Public Sector and probably the State and fit for the purposes of central and local government*;
- ⇒ *The data must be comprehensive, up to date, capable of national integration* and of following the INSPIRE standard for subsequent Pan-European integration;
- ⇒ There should be *an integrated creation and maintenance process*; and
- ⇒ The basic *data should be free* or available at the marginal cost of distribution.

IMPACT OF EURADIN

- ⇒ Creation of a platform of knowledge exchange
 - ⇒ Already increased knowledge of what already exists
 - ⇒ Enabled this knowledge to be shared, now and in future;
- ⇒ Fostering a forum of experiences
 - ⇒ Is creating a network of highly knowledgeable experts
 - ⇒ sowing the seeds for the ongoing Address Forum
- ⇒ Encouraging INSPIRE implementation accomplishment

Sustainability

- ⇒ **INSPIRE implementation** EURADIN acts as laboratory for checking INSPIRE implementation requirements using real data
- ⇒ **European Address Forum**: to monitor, debate, and encourage the development of harmonized addresses throughout Europe beyond the life of this eContentplus programme.



European Address Forum



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Conclusions

- ⇒ Consortium positioned the in an **optimal situation** for the deployment of **INSPIRE** Address data specifications.
- ⇒ 30 partners of seventeen European countries have achieved a **common and shared vision** about addresses.
- ⇒ Encouraged knowledge and experience exchange, enriching individually the participants and their skills, and therefore **fostering** also the **capacity building** among different European countries.
- ⇒ Created a **network of experts** and interested people in address topic.



Final Remarks

- ⇒ Strong Consortium: Collaboration PPP
- ⇒ Cooperation outside consortium: Efficiency and effectiveness
- ⇒ Beyond EURADIN: European Address Forum
- ⇒ Good management and high level participation

More information



EURADIN
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**European
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THANK YOU



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