SEMIC.EU: Can the lack of Semantic Interoperability in Europe be seen as a collaborative challenge?

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PwC’s main mandate

1 Analysis report
   Holistic view of SEMIC.EU’s business model
   In-depth analysis of the current business model of SEMIC.EU

2 Business Model Update
   Recommendations for improvements
   Definition of SEMIC.EU’s target business model

3 Roadmap
   Revision of the SEMIC.EU's roadmap based on the target business model and recommendations

Concluded   Ongoing   To be started
Agenda

1. SEMIC.EU Overview
2. Conclusions of the Analysis Report
3. Next Steps
1 SEMIC.EU Overview
What is SEMIC.EU?

is a collaborative platform and a set of services around this platform to promote semantic interoperability in the EU Member States.

www.semic.eu
What will you find on SEMIC.EU?

- Projects
- Users
- Assets
- Communities
- Visible in Europe
- Partner for eGovernment
- Quality Centre Semantic interoperability
- Knowledge base for semantics

Sustainable Service for eGovernment
# How to describe the Business Model of SEMIC.EU?

## Model by Alex Osterwalder & Yves Pigneur

### Supply Side
- **Key Partners**
  - Partner Projects
  - Partner Initiatives
  - Domain & National Experts
- **Key Resources**
  - SEMIC.EU team
  - Semic.eu Platform
  - Users Community
  - ISA Programme
  - Standardisation bodies
  - User Community
- **Key Activities**
  - Quality Assurance
  - Stakeholder Management
  - Advertise & Communicate
  - Creation and share of knowledge
- **Services**
  - Access to interoperability assets
  - Clearing Process
  - Stakeholder involvement
  - Content, support and forum admin
  - Community building
- **Relationships**
  - Personal Assistance
  - Membership
  - Co-creation
- **Channels**
  - Conferences and Roadshow
  - Semic.eu Platform
  - LinkedIn Social Network
- **Target Groups**
  - Public Administrations
  - e-Gov projects & initiatives
  - ISA projects
  - Standardisation bodies
  - Business & IT Providers

### Demand Side
- **Target Groups**
  - Public Administrations
  - e-Gov projects & initiatives
  - ISA projects
  - Standardisation bodies
  - Business & IT Providers
What does it all boil down into services-wise?

Supply Side

Collaboration

- Community building
- Stakeholder involvement
- Content, support and forum admin

Demand Side

Interoperability Assets

- Clearing Process
- Access to interoperability assets

Savings

- 8

Directorate-General for Informatics
Agenda

2 Analysis Report

Conclusions
How did you reach your conclusions?

0 Input collection

1 Findings

Evaluation Criteria

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<th>Goals</th>
<th>Relevance</th>
<th>Effectiveness</th>
<th>Efficiency</th>
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<tr>
<td>Bring semantic interoperability into life</td>
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<td></td>
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<td>Create synergies among stakeholders</td>
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<td>Ensure user involvement</td>
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<td>Serve as a single point of contact for semantic interoperability</td>
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2 SWOT Analysis

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<th>Opportunities</th>
<th>Threats</th>
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<td>Findings</td>
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3 Conclusions

General Findings

Findings
Finding: SEMIC.EU’s services are perceived as relevant by its target groups
About the concept

Finding: SEMIC.EU operates in a complex socio-technical system which requires continuous “top-down” thinking and “bottom-up” learning.
Finding: to reach its objectives SEMIC.EU can only take an indirect approach (influence, inform and support) since the direct one (to sanction use) is not an option.
Conclusion: Despite the many challenges, SEMIC.EU is today an well-known platform for semantic interoperability in Europe
Finding: Member States have started to implement Repositories for semantic interoperability at national level

Conclusion: SEMIC.EU should move forward towards Federation using ADMS
Services linked to Interoperability Assets

Finding: SEMIC.EU Conformance Branding did not gain traction

Conclusion: SEMIC.EU should simplify the Clearing Process
Finding: Indexing system for assets should be improved

Conclusion: SEMIC.EU should adopt ADMS (rich asset description) to facilitate search
3 Analysis Report
Nest Steps
PwC is now working on the “To Be” model

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Concluded | Ongoing | To be started
Thank you
“To Be” Framework Sneak Preview

Ensure that public administrations

Become aware that semantic interoperability matters

Support public administrations to

Find

semantic interoperability assets

Support public administrations to

Choose

semantic interoperability assets

Support public administrations to

Feedback

their experiences with semantic interoperability assets

Support public administrations in

Involvement in public administrations

Collaboration

and prioritise, align, endorse, and evaluate actions

Support public administrations to

Design

semantic interoperability assets