



ELLECTRA-WeB

IST Project co-funded by the EC
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Project Overview

(European Electronic Public Procurement Application Framework in the Western Balkan Region)

IST project co-funded by European Commission (FP6) - Contract No.045153

**ELLECTRA-WeB concerns the development of an Open Source
electronic Public Procurement Application Framework**

**that facilitates the cost-effective implementation of
electronic Public Procurement solutions in the
Western Balkans region that are compliant with
the EC directives and EU best practices.**

Official web-site: <http://www.ellectra-web.eu>

Web-site at SourceForge.net: <http://sourceforge.net/projects/ellectra-web>



Project perspective

Business perspective:

Influence and assist Western Balkans in timely adopting ePP

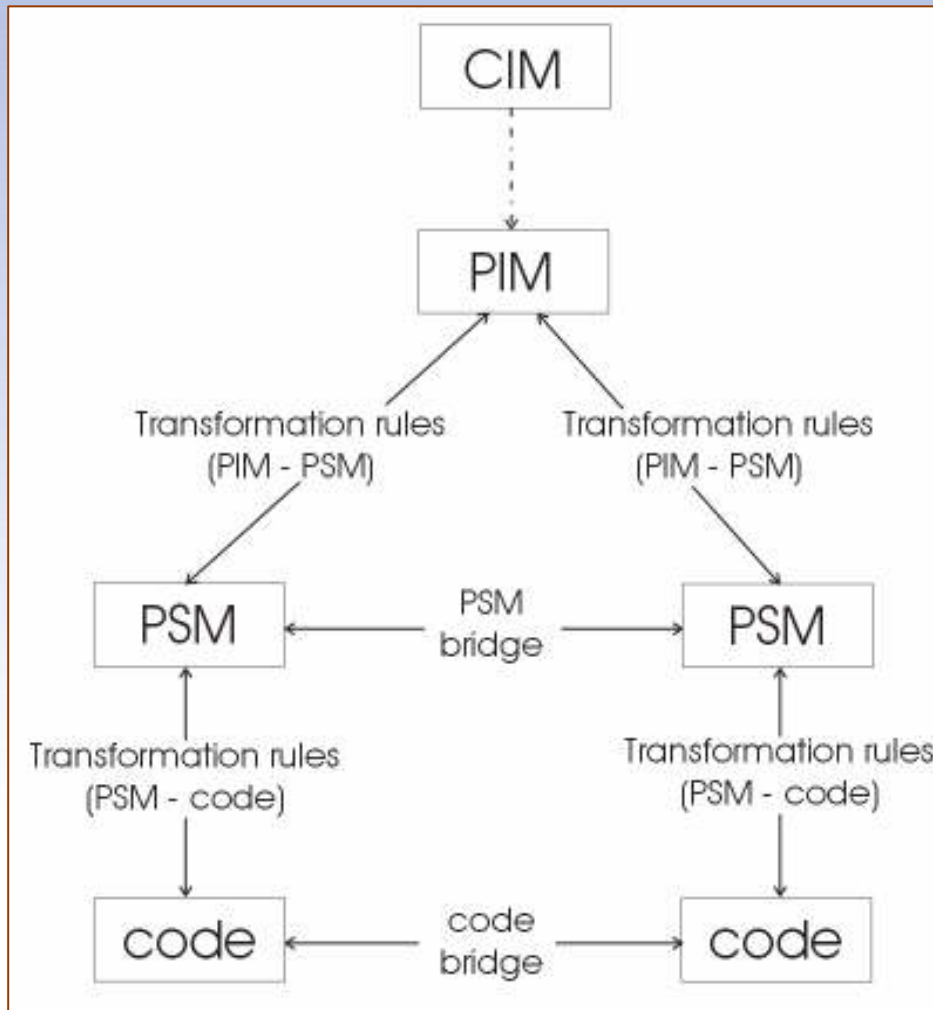
By 2010, all EU administrations will have the capability of carrying out 100% of their procurement electronically.

Any business with a PC, internet connection and basic knowledge of public procurement can tender for contracts across Europe.

Technical perspective:

Utilize evolutionary Software Development approaches

- Model Driven Development (MDD)
- Service Oriented Architecture (SOA)



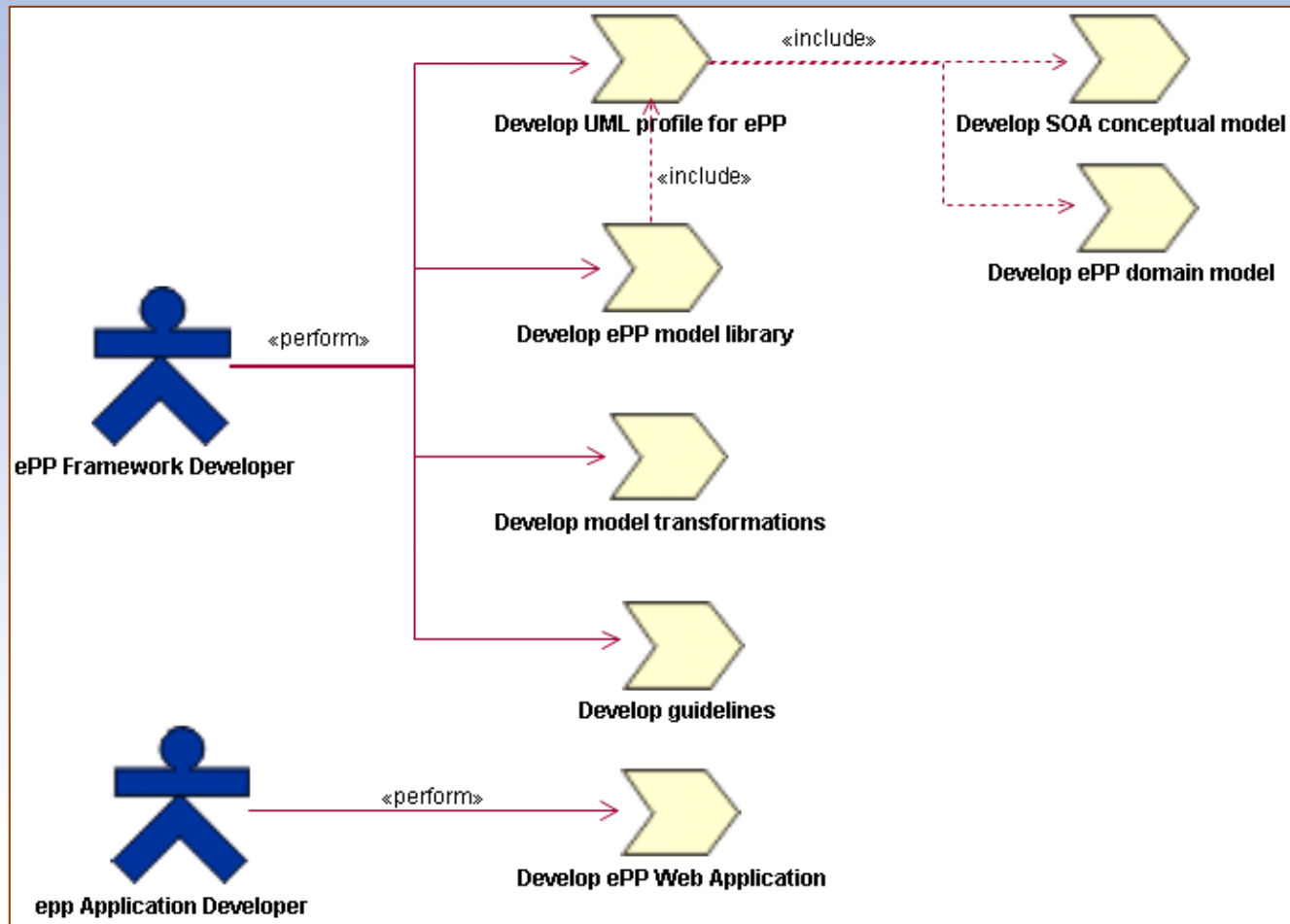
Benefits of MDD

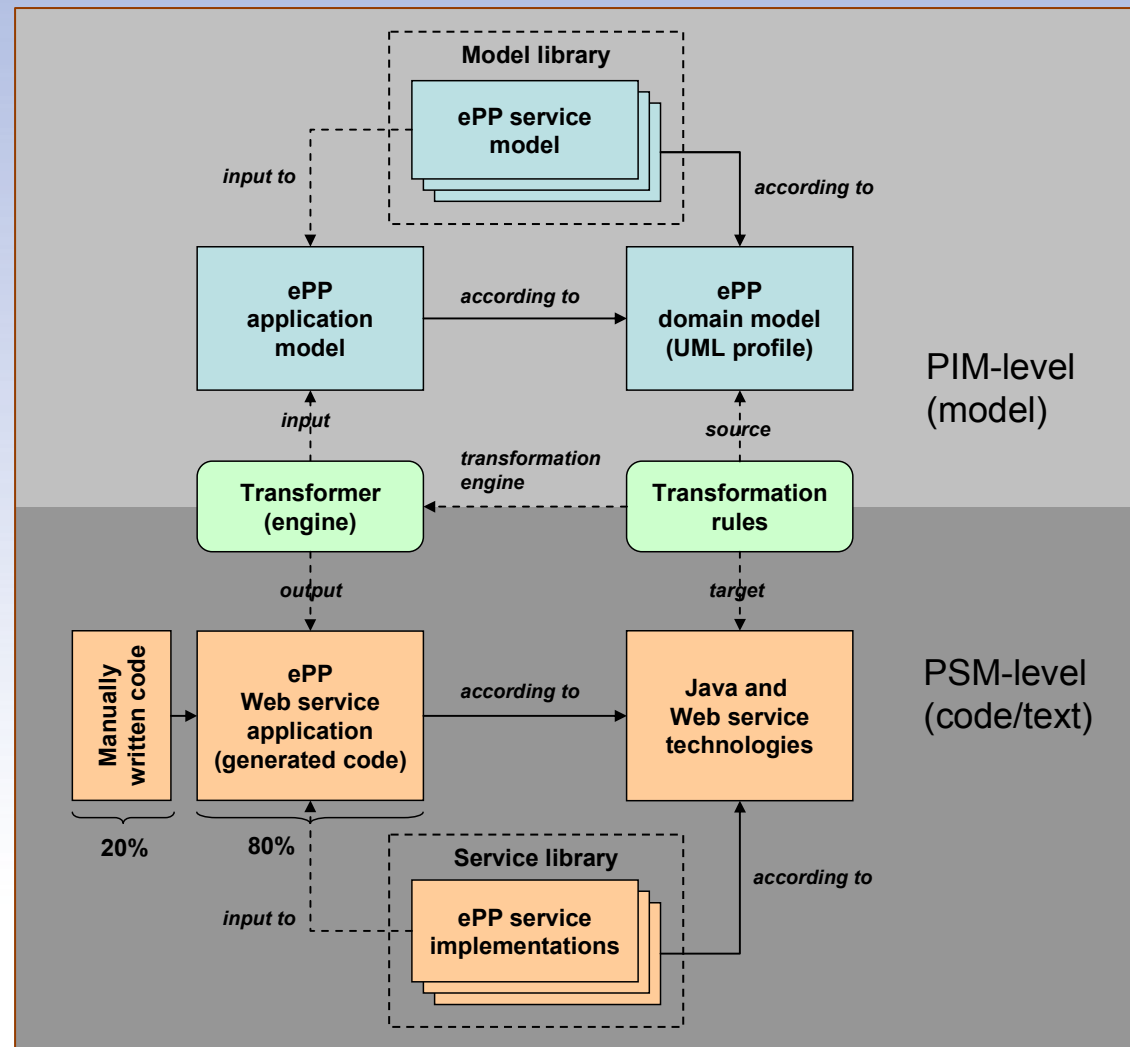
- **Improves productivity**
- **Results in better code quality**
- **Increases portability & reusability**
- **Fosters interoperability**
- **Optimizes maintainability**
- **Testing & Simulation on early stage**

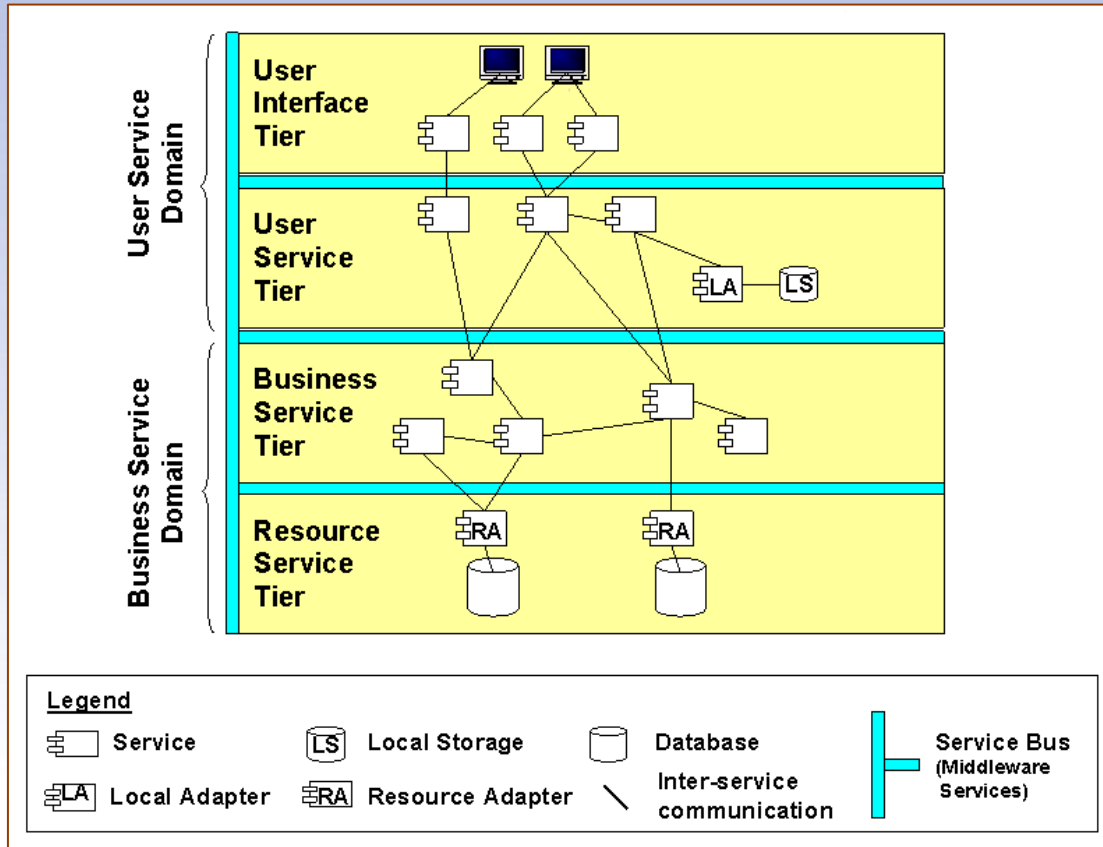
CIM – Conceptual Model

PIM – Platform Independent Model

PSM – Platform Specific Model

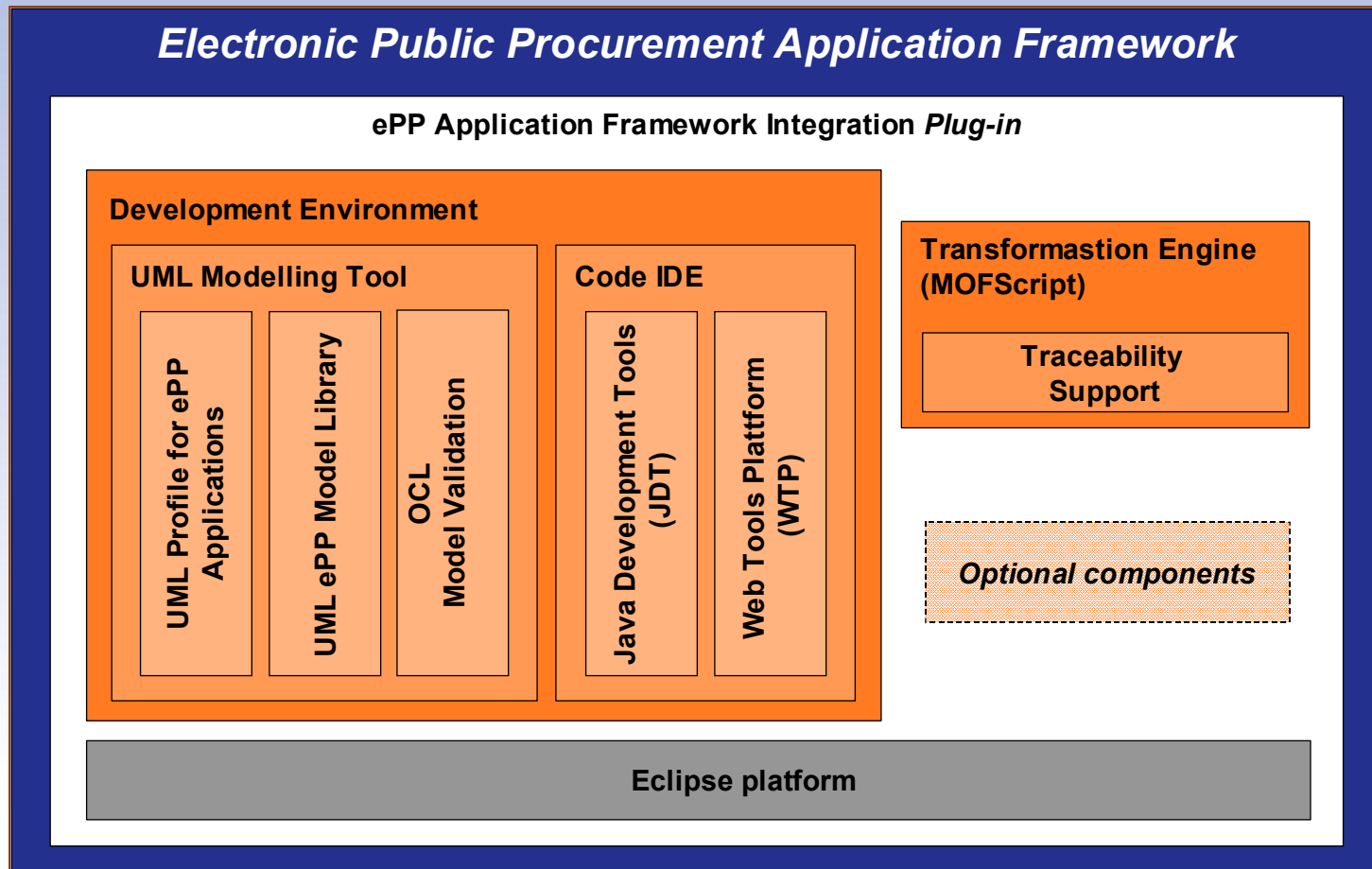






Benefits of SOA

- Enables modularity (*loosely coupling*)
- Reduces complexity
- Offers reusability
- Reduces development life cycles (*Software development costs*)
- Provides Interoperability
- Fosters standardization





Aim:

Development of ePP Application Framework & supporting Guidelines

Based on IDABC guidelines

...so as to be compliant to EU directives

Outcome:

Assist WB countries to produce ePP solutions

- **Reduce development cost**
- **Reduce complexity**
- **Shorten development time**
- **Facilitate deployment and use**
- **Ensure compliance with EU directives**
- **Provide consistent Documentation**
- **Ensure interoperable & secure ePP web-applications**

Procurement Agencies from WB countries will develop four Pilot systems utilizing the ELLECTRA-WeB ePP Application Framework



Thank you for your attention