



ITEA3



ModelWriter

Text & Model-Synchronized Document Engineering Platform

PROJECT SUMMARY

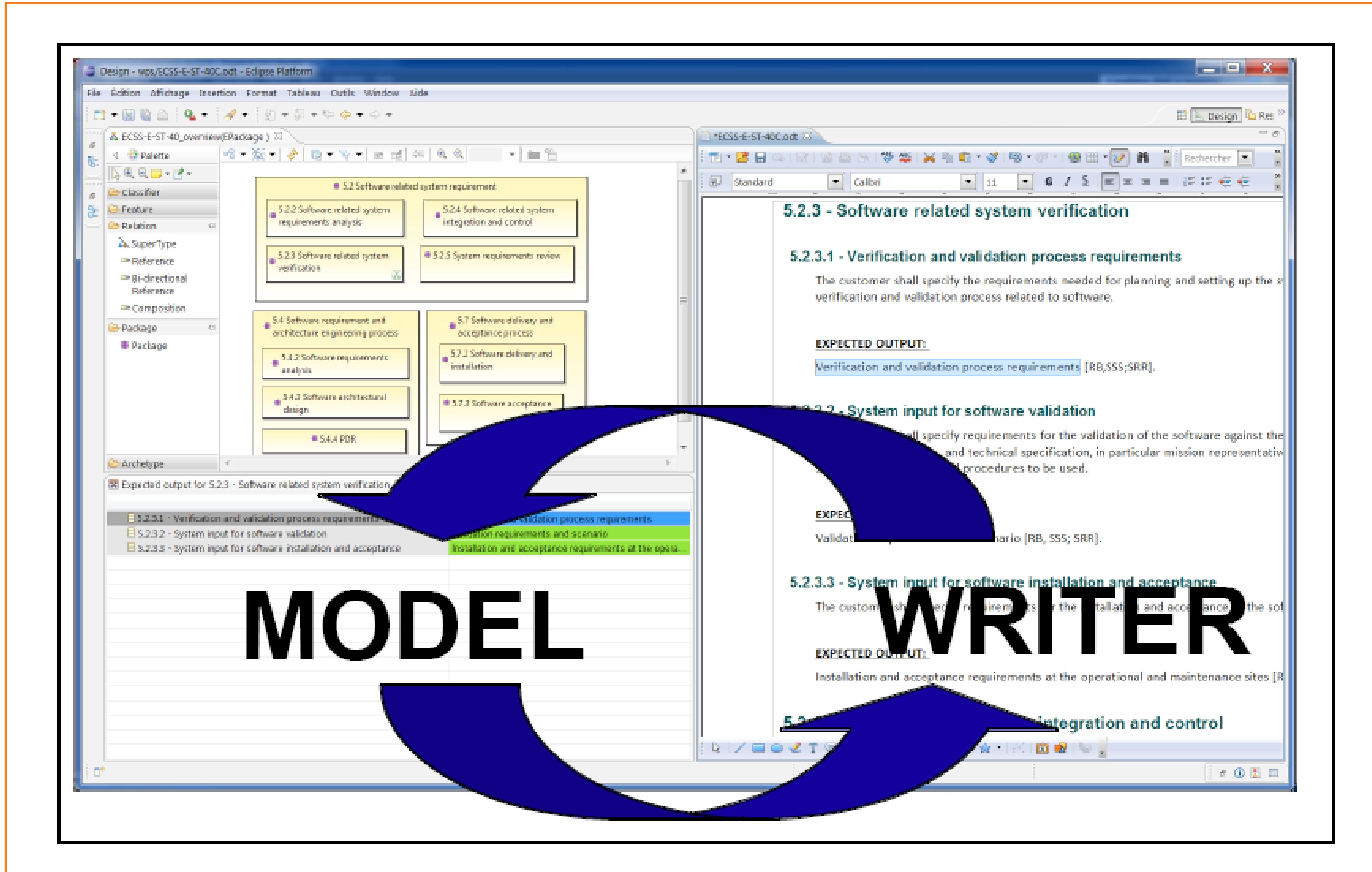
ModelWriter aims to bring a quantum leap in the productivity of technical authors engaged in authoring technical documents by improving the quality of these documents, resulting in better quality of companies' products and ultimately enabling companies to better exploit, recycle and valorise their own internal knowledge.

UNIQUE SELLING POINTS / BUSINESS VALUE

- Gain in time for requirements engineering, for obtaining verifiable models out of requirement text.
- Gain in time by reusing knowledge from one software lifecycle document to the other.
- Gain in quality, by preventing errors thanks to on-the-fly consistency checking of the associated model within the word processor.
- Gain in time for making a consistent chain of software lifecycle documents.

EXPECTED RESULTS

- It includes a reversible semantic processor which maps text to formal knowledge representations and vice versa.
- It provides an extensible model-to- model transformation framework, a federated knowledge base and an open source-based bi-directional synchronisation between texts and models



Project leader

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Project website

www.modelwriter.eu
<https://github.com/modelwriter>



ITEAS



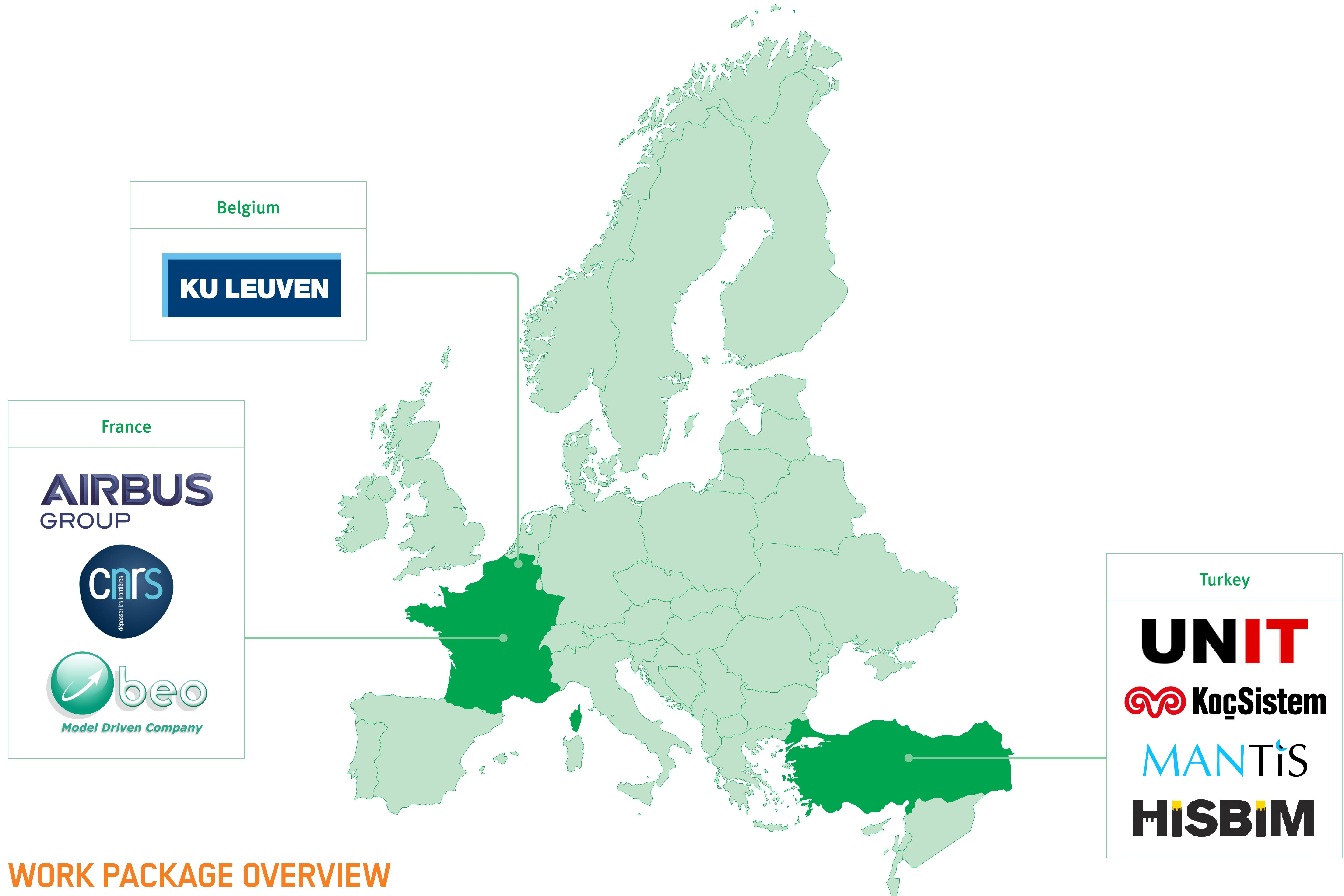
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PROJECT CONSORTIUM

START DATE OCTOBER 2014

PROJECT END SEPTEMBER 2017



WORK PACKAGE OVERVIEW

- WP1: Use Cases & Requirements
- WP2: Semantic Parser
- WP3: Model->Knowledge Base
- WP4: Knowledge base Design and Implementation
- WP5: Project Management
- WP6: ModelWriter Architecture, Integration and Evaluation
- WP7: Dissemination and Exploitation

MODELWRITER PROJECT PARTNERS

- Large companies (2)
- SMEs (4)
- Universities (1)
- Research institutes (1)

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