



COLLABORATIVE BUILDING OF AN OPEN EVIDENCE REPOSITORY TO DRIVE THE ADOPTION OF FORMAL ENGINEERING METHODS

CONTEXT

Despite proven benefits and success stories, it is still difficult to gain industry acceptance of Formal Methods (FMs).

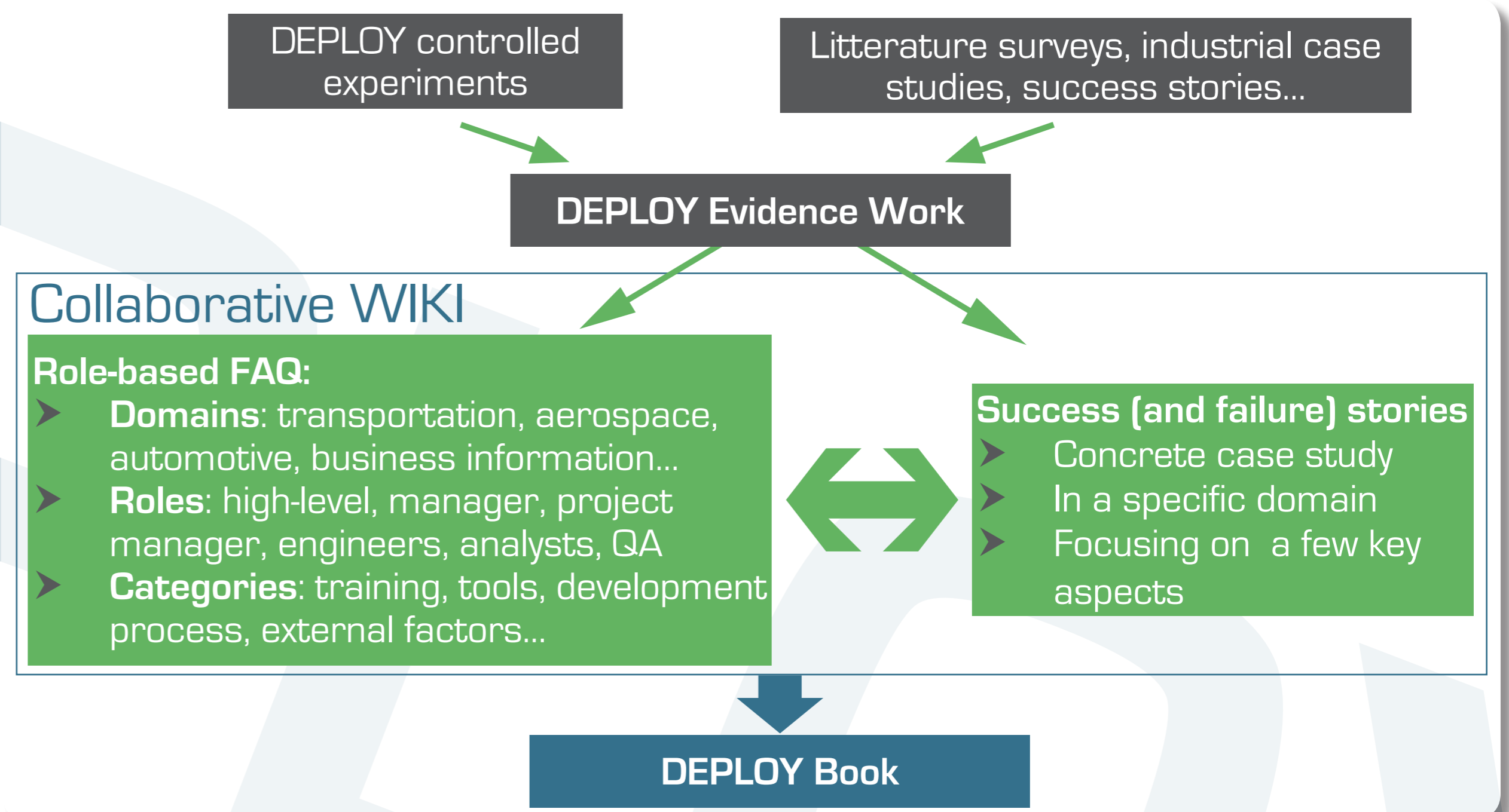
OBJECTIVES

- Gather and consolidate evidence information about industrial deployment experiences carried out within and outside of the DEPLOY project
- Present in a way that answers direct concerns of potential industrial adopters:
 - Scope and kind of deployment
 - Impact, costs and benefits on the processes, people involved and supporting tool chain

INTENDED AUDIENCE

- Potential industry adopters of FMs looking for trustworthy information
- Industry users of FMs seeking to gain company support for longer-term adoption
- FMs researchers wishing to benchmark the applicability of their R&D work and drive it on the basis of industrial needs

REPOSITORY STRUCTURE



VISIT US AT:

<http://fm4industry.cetic.be>

The screenshot shows a web browser displaying the 'Formal-Method-Evidence' website. The page title is 'What is the position of standards regarding formal methods in my industry segment?'. It features a 'Summary of Siemens Experience in Metro Lines' and an 'Overview of Reference Standards for Safety Critical Systems'. A diagram shows a hierarchy of standards: CEI 61508 at the top, branching into CEI 61511, CEI 61513, CEI 62061, EN 50126/EN 50128/EN 50129, and ISO 26262.

The screenshot shows a technical article titled 'Benefits of Model-Based Test Automation'. It discusses the use of Model-Based Testing (MBT) in QA, mentioning the EM-QAP-1 project and the ProB model checker. It includes a diagram of a state machine with states like 'Start', 'Requested', 'Reserved', 'Ordered', and 'Order'. Below the diagram, it lists 'Results Step 1' with various event sequences like '[Request, Confirm, Order]'.

HOW TO CONTRIBUTE?

- Point info/review/contributing to a specific public FAQ
- Propose new FAQ, improve structure
- Submit a success/failure story
- Join the internal board

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