



PACAS

Participatory Architectural Change Management in ATM Systems

PACAS is a Horizon 2020 project in the framework of the SESAR Research and Innovation Action (RIA)

Started in March 2016, PACAS will last 24 months

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PROJECT OVERVIEW

PACAS main objective is to better understand, model and analyse changes at different layers of the Air Traffic Management (ATM) system to **support change management**, while capturing how architectural and design **choices influence the overall system**. PACAS relies on three main pillars:

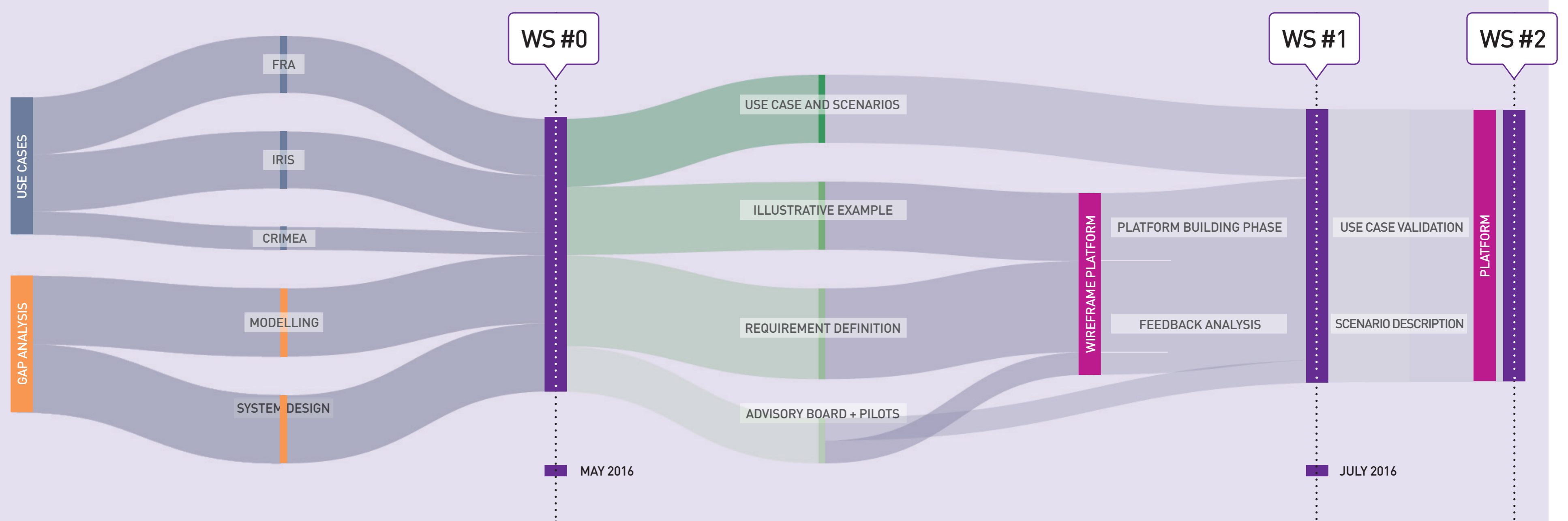
PILLAR #1
Impact propagation techniques

PILLAR #2
Gamified platform

PILLAR #3
Domain-specific modelling languages

VALIDATION

The validation consists of an iterative process and an extensive participation of an external Advisory Board (AB) of domain stakeholders throughout the whole duration of the project. The first two phases, "Requirements" and "Use case" definition and the associated activities, have been accomplished and validated through two dedicated Workshops (WS#0 and WS#1).



PRELIMINARY OUTPUTS

WS #0 WARM-UP

Build a platform for evaluating pros and consequences of each decision taking into account all the actors.

Achieve a holistic view and a multilayer perspective of the ATM System.

WS #1 VALIDATION WITH AB MEMBERS

Obtain further feedback on the PACAS platform thanks to a wireframe demonstration.

Gather information from the AB members to revise the use case and its scenario.

NEXT STEPS

Use-case and scenario Implementation

Platform re-design



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Consortium



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