# Work Package 500

ATOS, HWDU, TNO, DLO, WU
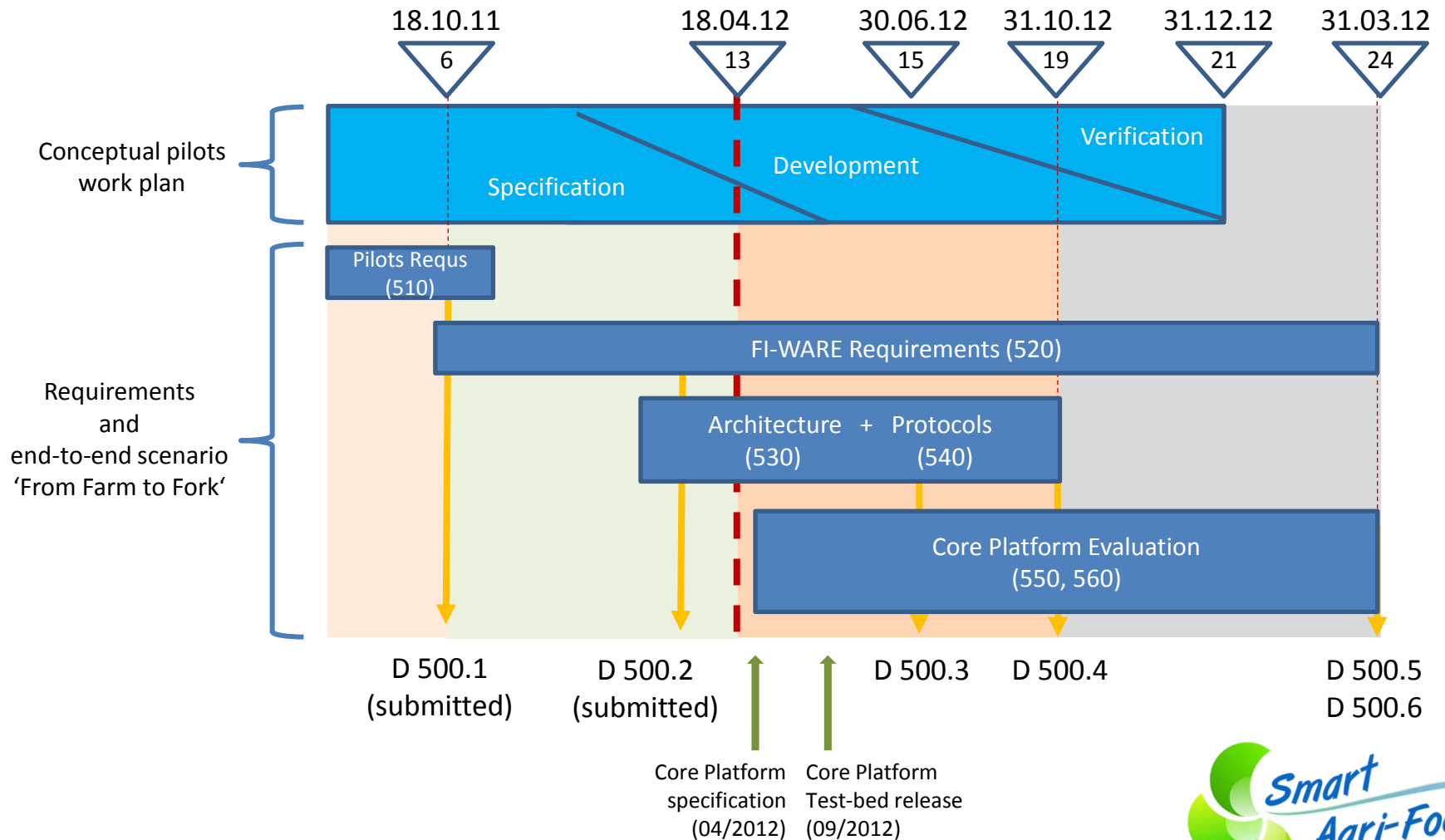
# Objectives

1. Support SAF in interaction with CP (T510, T520)
   - Define/collect/harmonize use case requirements for all pilots in SAF
   - Harmonize/compile requirements from the CP to the pilots
   - Define communication channels between SAF and FI-WARE
2. Achieve architectural harmonization (T530, T540)
   - FI-WARE analysis and consultancy to WPs: GE models
   - Specify architectural requirements and harmonized architecture for pilots and end-to-end scenario
3. Develop conceptual prototypes: stepping stone for phase II (T550, T560)
   - Interact with FI-WARE platform (test-bed)
   - Develop/implement selected parts/concepts of conceptual prototypes
   - Evaluate usability of prototypes and end-to-end scenario
   - Evaluate feasibility of core platform to realize benefits for AgriFood
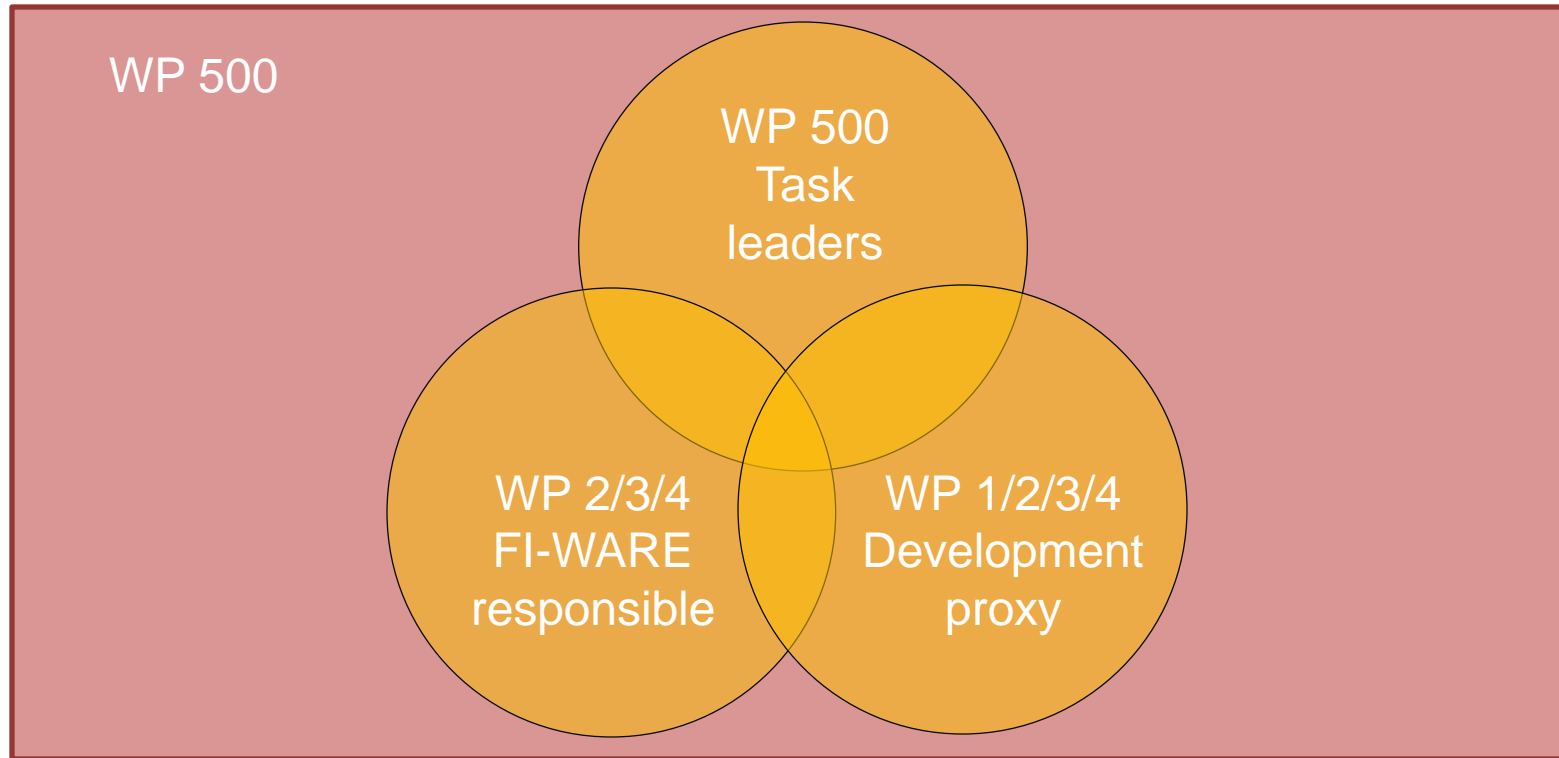   - Specify adjustments and points of attention for large-scale experimentation

# Deliverables

D500.1  Requirements on Core Platform for all use cases supported in SmartAgriFood

D500.2  Requirements on the Generic Enabler for each stakeholder

D500.3  Specification on network elements and functions of Core Platform

D500.4  Specification on protocols between domain networks of stakeholders and Core Platform

D500.5.1  First release of SmartAgriFood conceptual prototypes

D500.5.2  Second release of SmartAgriFood conceptual prototypes

D500.6  Feasibility assessment

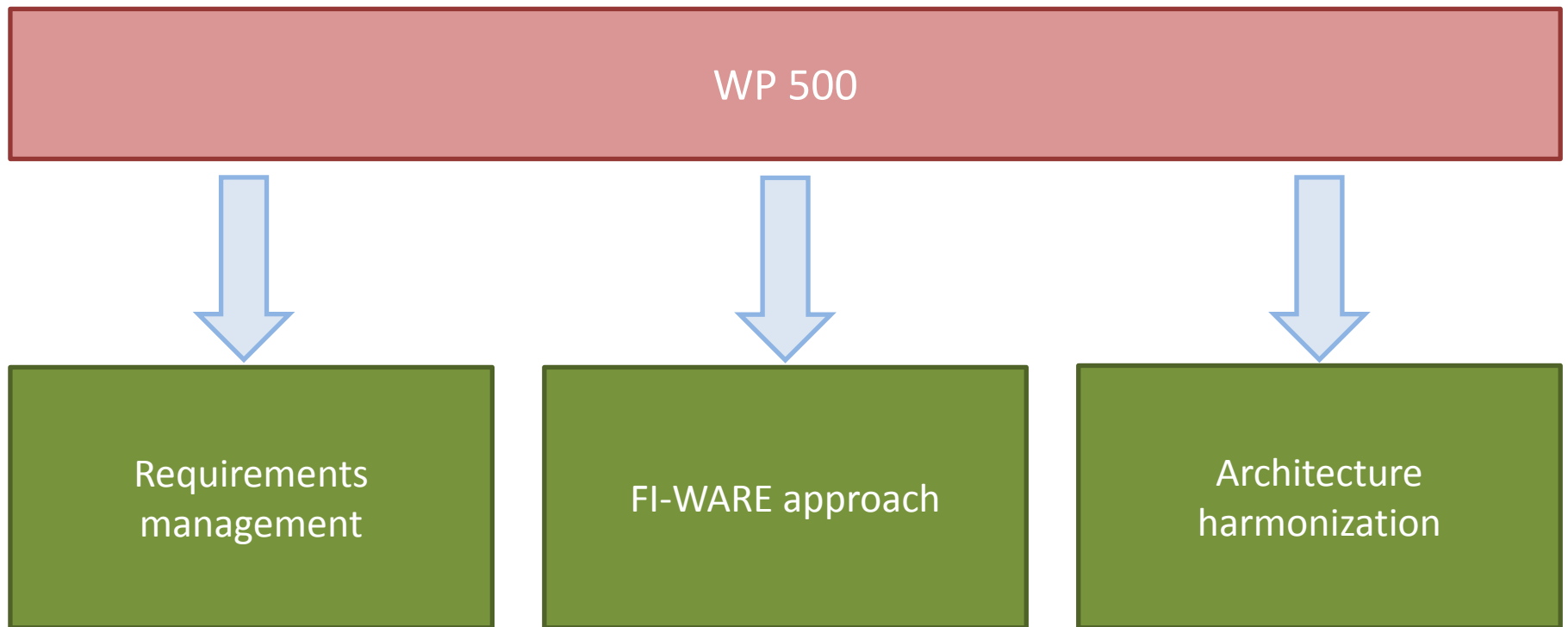# Timeline

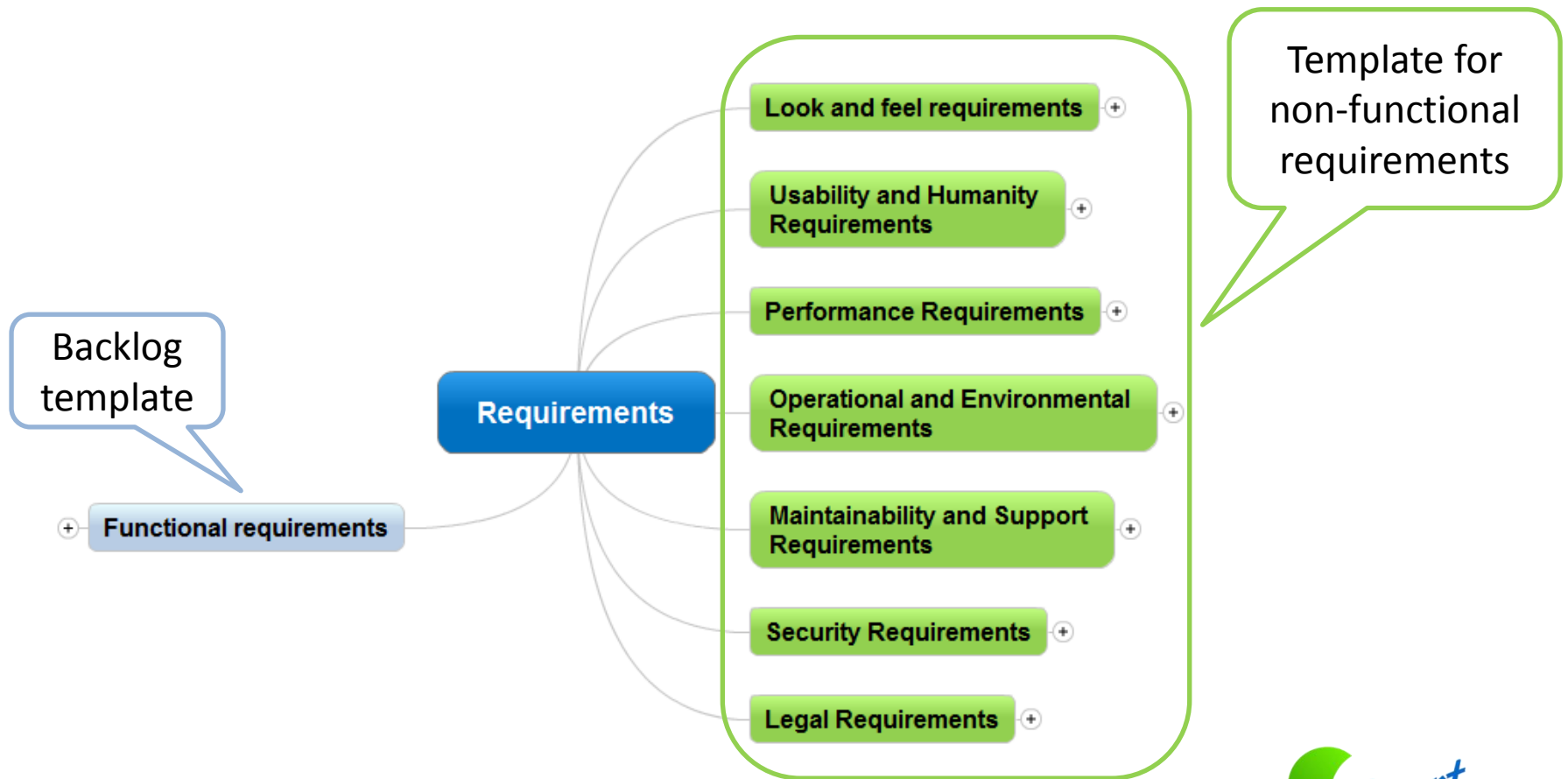# WP 500 Horizontal group – Areas of interest



WP 500

WP 500
Task
leaders

WP 2/3/4
FI-WARE
responsible

WP 1/2/3/4
Development
proxy

WP100

WP200

WP300

WP400

# WP500 work lines

WP 500

Requirements management

FI-WARE approach

Architecture harmonization

# Functional & non-functional requirements

# Communication channels

The communication channels with FI-WARE are related to:

- FI-WARE understanding
  - What FI-WARE expects from us, what information provide us, etc.

- Requirements management
  - A complete new management has been defined to handle the continuous improvement of the requirements, based on a fluid communication with the Core Platform

- Architectural board
  - Attending the meetings and interacting with their members