HEADSTART

Mid-term event

HARMONISED EUROPEAN SOLUTIONS FOR TESTING AUTOMATED ROAD TRANSPORT

Álvaro Arrúe – Applus IDIADA

Project coordinator

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824309.

Applus IDIADA

HEADSTART project facts

- ✓ **Call identifier:** ART-01-2018
- ✓ **Type:** RIA
- ✓ **Duration:** 01.2019 – 12.2021 (36 months)
- ✓ **Budget:** 6M€
- ✓ **Consortium:** 17 partners
- ✓ **Coordinator:** Applus IDIADA, Mr. Álvaro Arrúe, Project Manager
- ✓ **Dissemination Manager:** ICCS, Dr. Angelos Amditis, Research Director
- ✓ **Website:** https://www.headstart-project.eu
- ✓ **Social media:** / HEADSTART_EU
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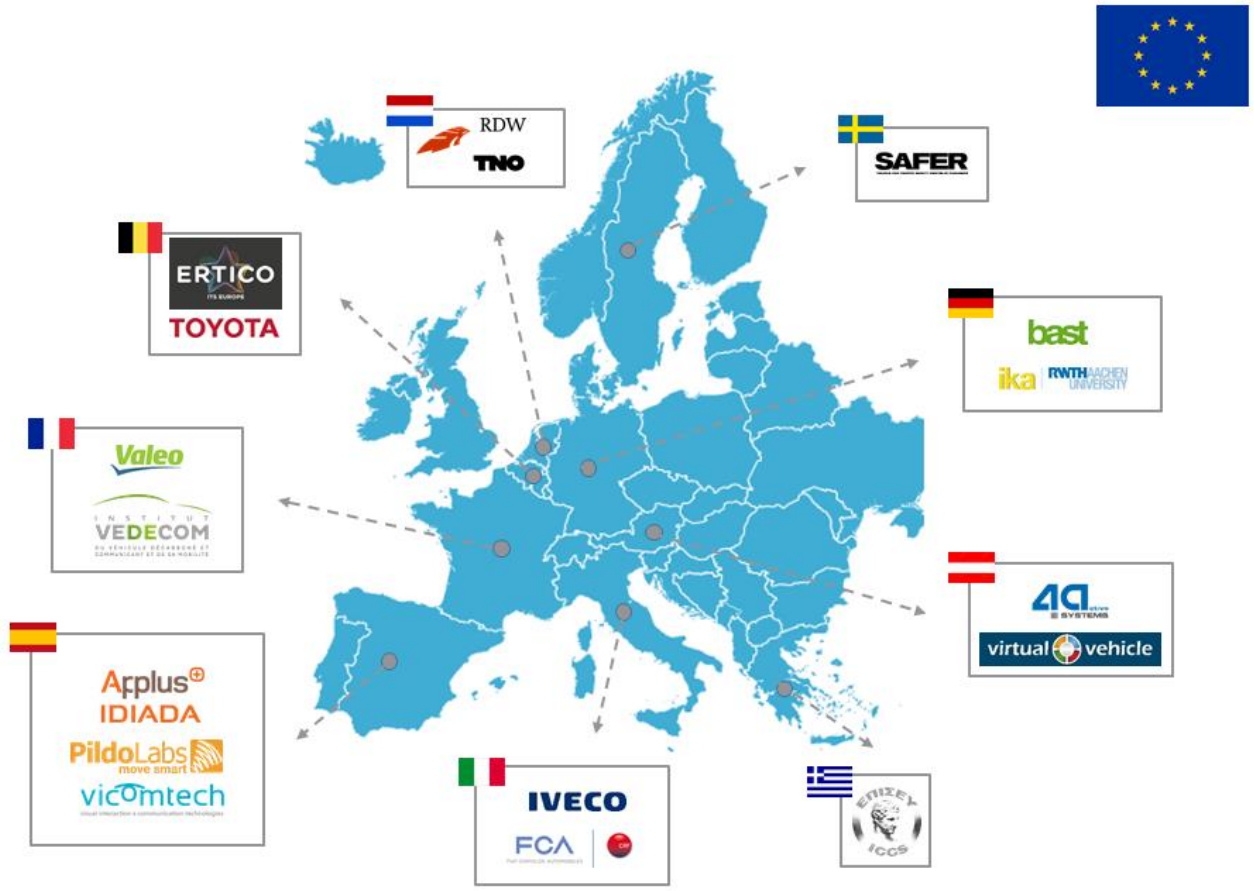
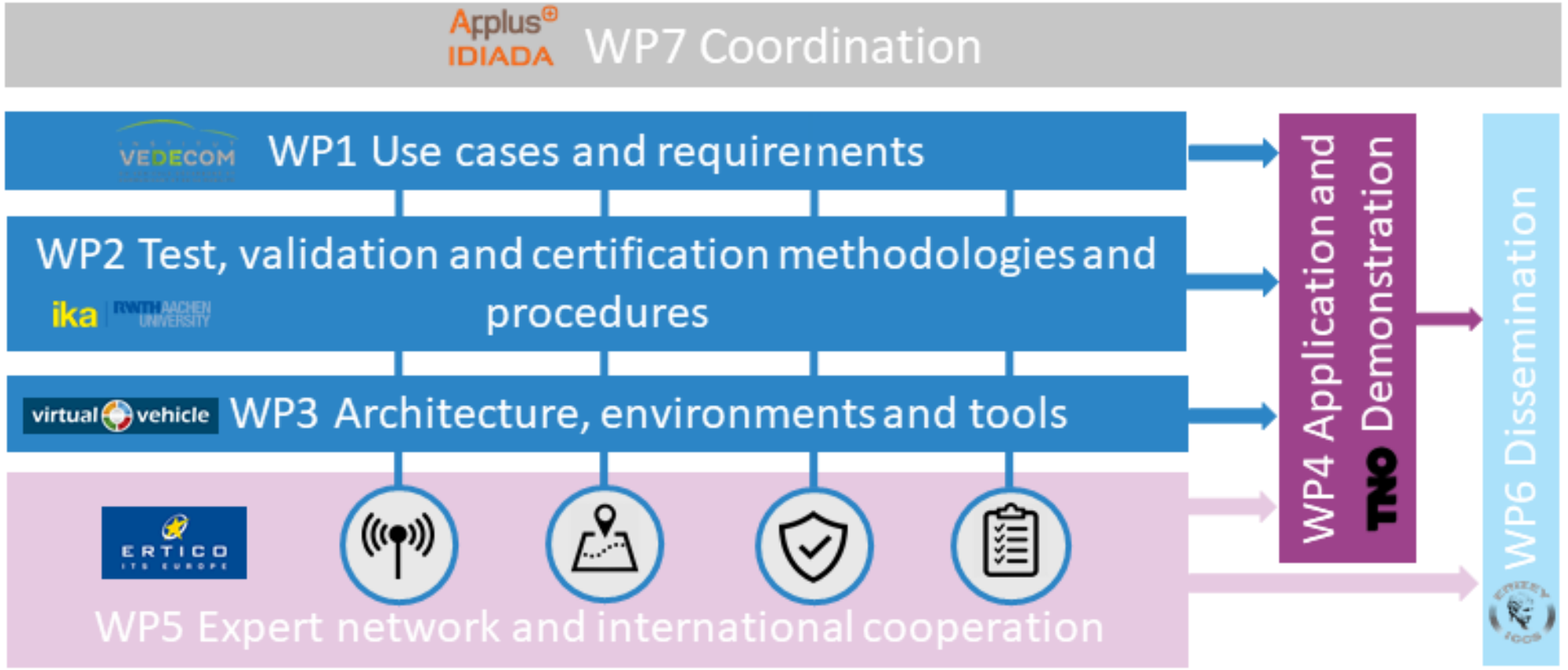
HEADSTART Consortium

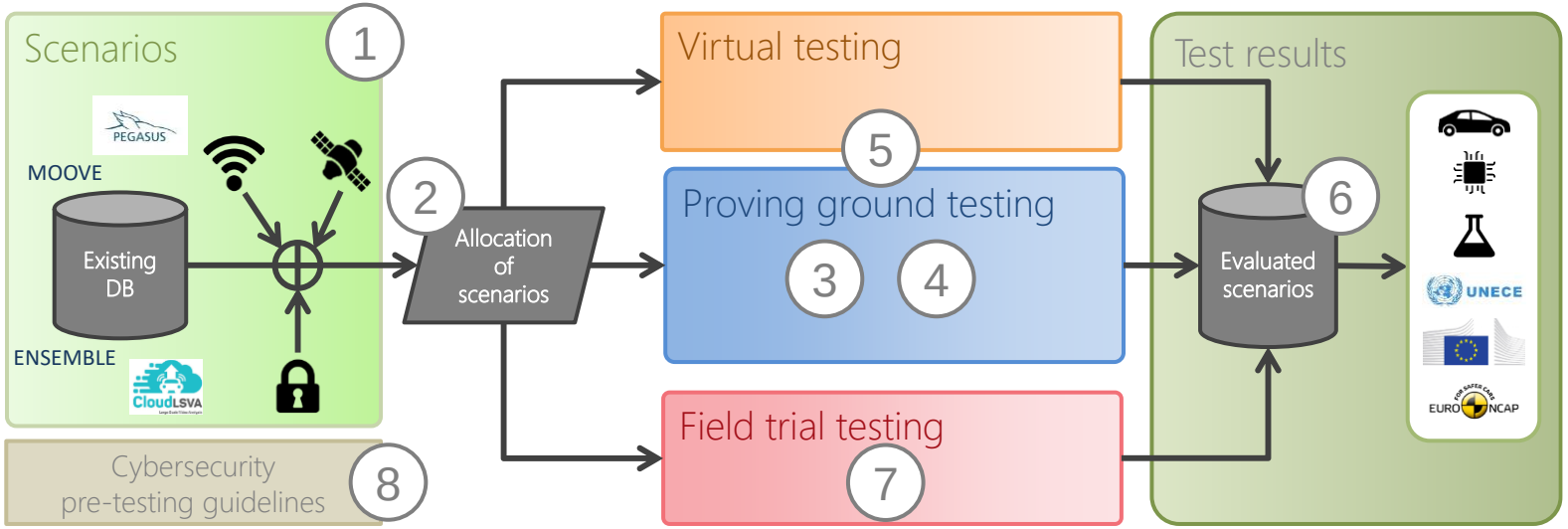
- ✓7 research centres
- ✓2 Technical services
- ✓3 Euro NCAP laboratories
- ✓4 OEMs
- ✓2 Tier-1s
- ✓3 coordinators of H2020 ART calls



Work Package Structure



Project's Concept

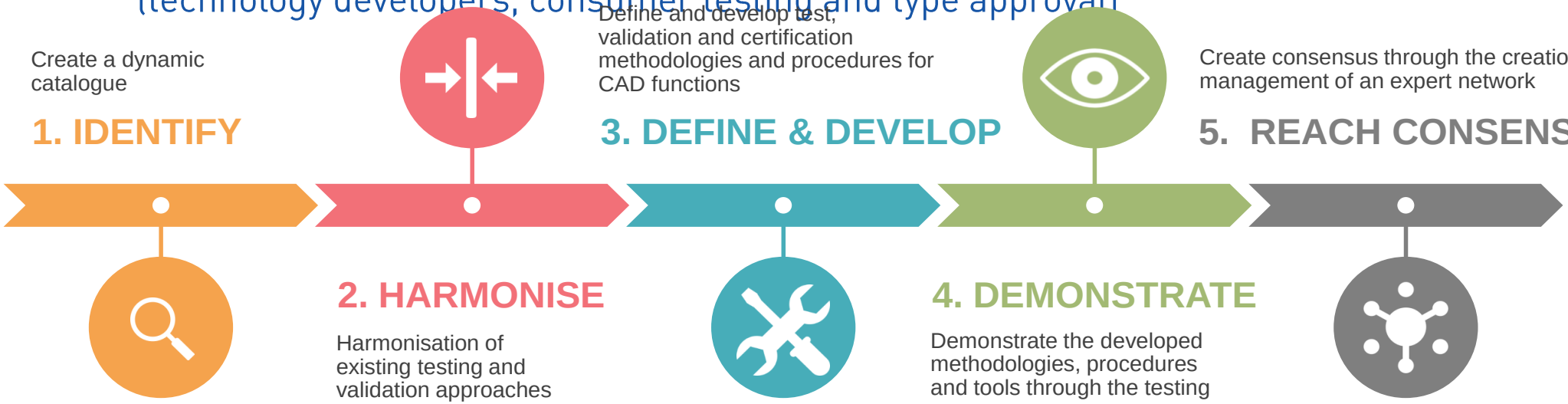


1. Integration of positioning, communications and cyber-security in CAD test scenarios
2. Comprehensive procedure for the allocation of test cases per testing platform
3. Selection criteria and specification for proving ground test scenarios taking into account criticality
4. Proving ground testing and evaluation
5. Correlation between simulation and proving ground results
6. Harmonised, open result compilation and sharing
7. Field trial test methodology description
8. Cyber-security principles and integration in the testing methodology

Project's Objectives

HEADSTART will define testing and validation procedures of CAD functions including:

- its key enabling technologies (i.e. communication, cyber-security, positioning)
- by cross-linking of all test instances such as simulation, proving ground and real world field tests
- to validate safety and security performance according to the needs of key user groups (technology developers, consumer testing and type approval)



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info@headstart-project.eu

✓Sign up to our newsletter:

https://lists.iccs.gr/wws/subscribe/headstart-news

✓Get in touch with our partners

✓So let's start!

Agenda

Time	Topic	Speaker
15:00	Introduction to the mid-term event and the project	Álvaro Arrúe - Applus IDIADA
15:15	Scenario based validation for CAD: Initiatives, projects and state of the art	Jean-Baptiste Coget - VEDECOM
15:40	The HEADSTART methodology in a nutshell: harmonisation and progress	Nicolas Wagener - ika
16:05	How do we integrate communications, positioning and cybersecurity in a comprehensive assessment methodology?	Jacco van de Sluis - TNO
16:35	Break	
16:45	From Methodology to Procedures: From “what” to “how” to do CAD validation	Bernhard Hillbrand - Virtual Vehicle
17:05	The HEADSTART use cases	Sjef van Montfort - TNO
17:25	HEADSTART Expert Group: come join us	Stephane Dreher - ERTICO
17:35	The future of HEADSTART: an overview of our next activities	Álvaro Arrúe - Applus IDIADA
17:50	Closure	Álvaro Arrúe - Applus IDIADA

Event rules and process

- ✓ Webinar is being recorded
- ✓ Slides and recording **will be shared** and published on HEADSTART website
- ✓ Questions can be raised via www.slido.com with event code: *#HEADSTART*

  The questions are gathered and where possible raised by the webinar moderator at fixed time slots during the webinar to the presenters.
- ✓ Do not wait until the end of the presentation! If you have questions, just send them to us!

- ✓ Please, avoid using the GoToMeeting chat as your question may not arrive to us