

# 5GASP PROJECT

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DIOGO GOMES (DGOMES@AV.IT.PT)

5G PPP WEBINAR: 5G INNOVATIONS FOR VERTICALS | 5 MARCH 2021 | ONLINE



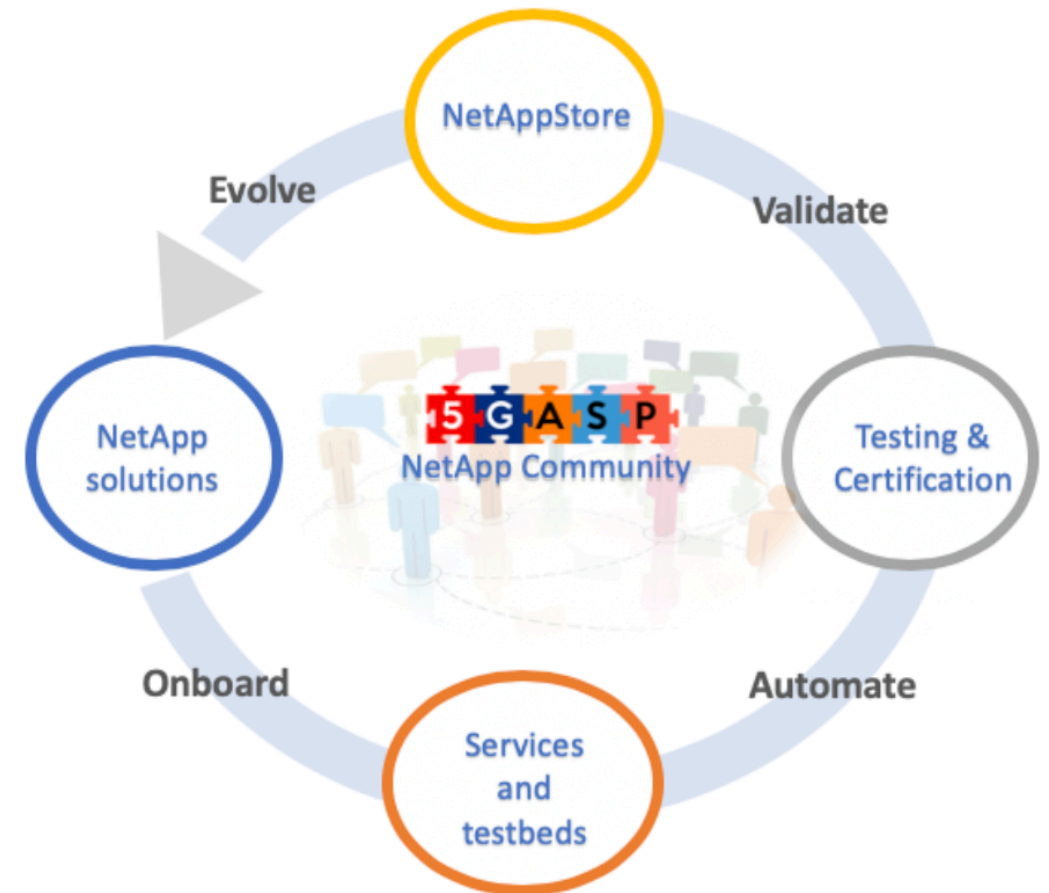
**5GASP H2020 - ICT- 2020**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101016448



# WHAT IS 5GASP?

- “Accelerating SME’s towards the ‘new world’ of 5G-based Network Applications (NetApps)”
- 5GASP offers and operates an **Open, and Inter-Domain 5G NFV-based Reference (Open5G-NFV) ecosystem of 5G Experimental Facilities.**
- 5GASP platform provides **facilities to test and validate NetApps**, embracing a fully **automated and open DevOps based CI/CD process** for developers, which can translate their applications/services into NetApps, taking into consideration **vertical-specific requirements.**



# OBJECTIVES

1. Acceleration of the **development, testing** and **certification** of NetApps, through the creation of a common platform, **DevOps tools** and a **certification roadmap**.
2. Provide **state-of-the-art testbeds** where applications for relevant verticals can be **tested** and **validated** in a cost-effective way.
3. Innovate technically by addressing **inter-domain use-cases, security** and **trust** aspects associated with NetApp deployment and Operation
4. **Automate the process of testing and validation**, lowering cost associated with testing and certification of NetApps in telecommunication environment.
5. Provide all the community with **state-of-the-art tools for test deployment, test automation, continuous integration and monitoring of testbeds**, mainly through **Open Source Software** tools
6. Create a **practice community**, where developers can share knowledge about 5G NetApps
7. Create a business model around a marketplace of NetApps, by which all stakeholders can share revenue.



# HOW TO ACHIEVE

## Concept



DevOps for 5G Networks



Vertical Testing and Inter-Domain



NetApp Certification



Community building in 5G Networks



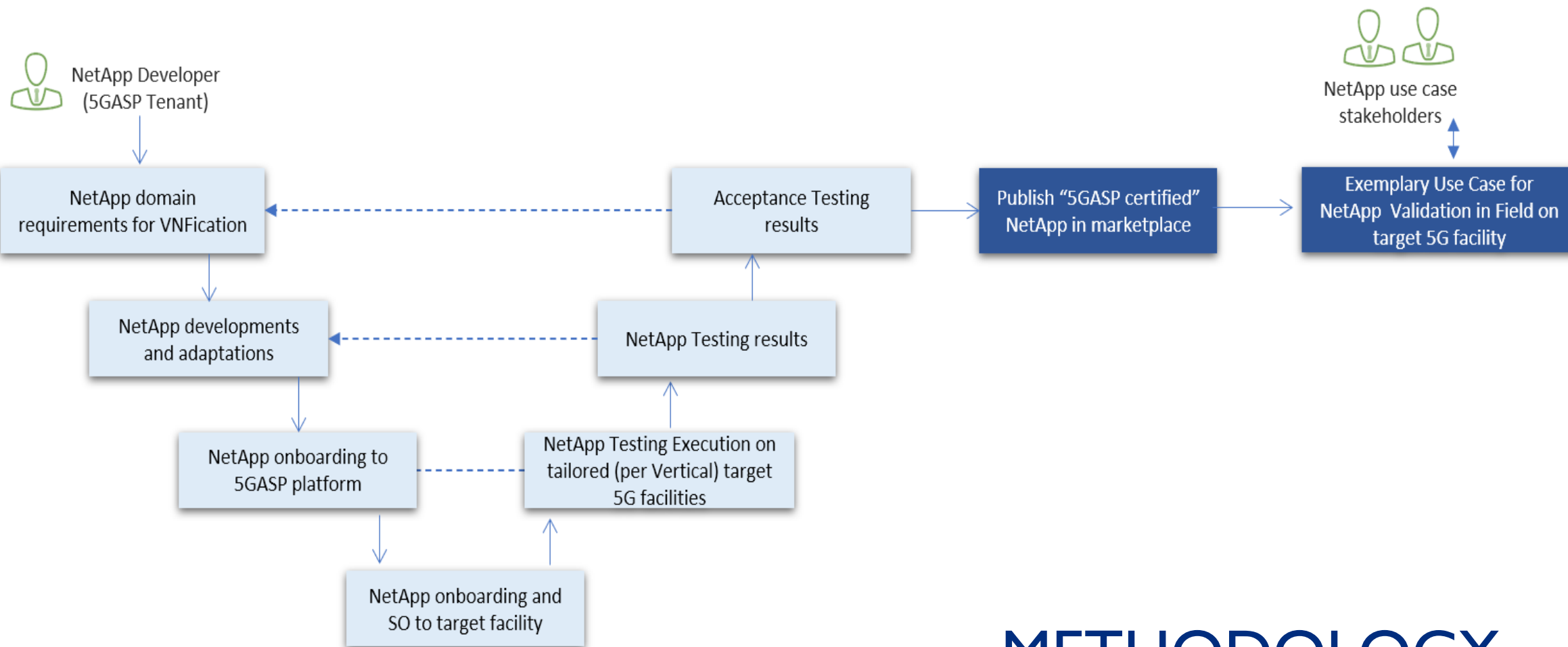
NetApps marketplace

## Approach

- 5GASP DevOps experimentation and certification readiness lifecycle

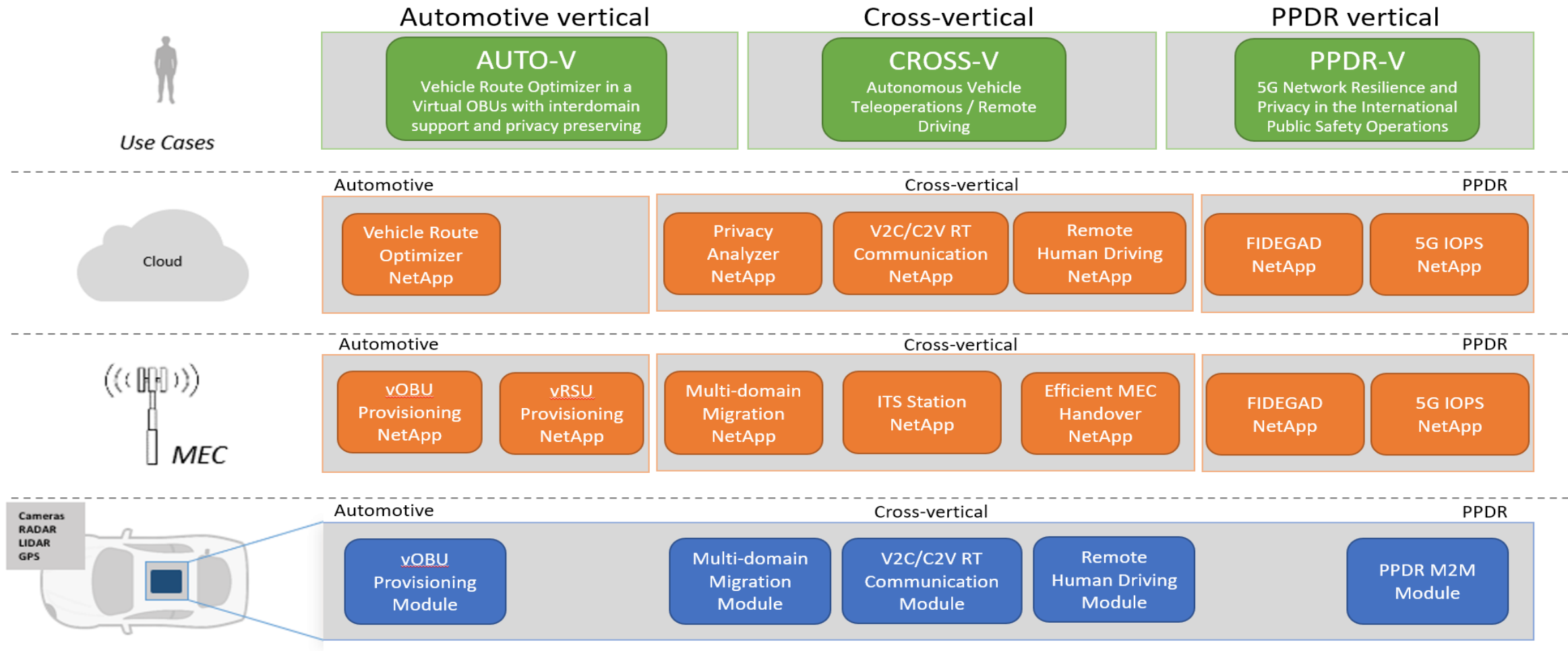




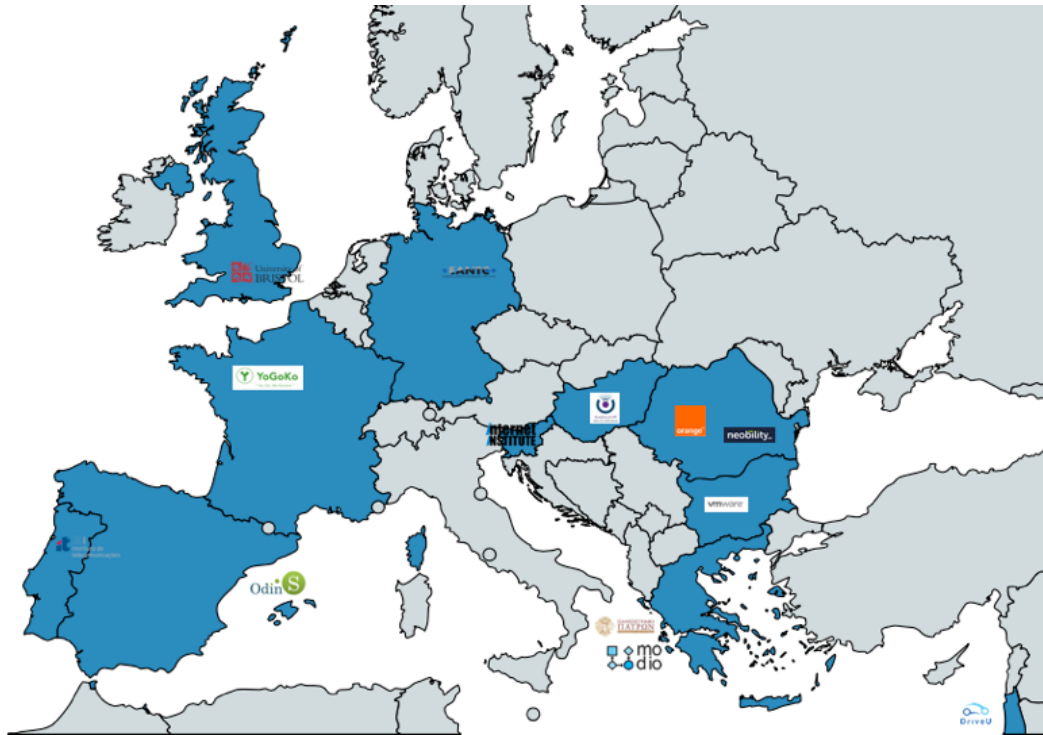


# METHODOLOGY

# 5GASP NETAPPS AND ORCHESTRATED USE CASES



# CONSORTIUM



- ICT-4I-2020 Project
- Start Date: 1/1/2021 (36 months)
- Project Participants:
  - **Instituto de Telecomunicações - PT**
  - University of Patras - GR
  - University of Bristol - UK
  - VMWare - BG
  - Orange – RO
  - EANTC – DE
  - OdinS – ES
  - Internet Institute – SI
  - Modio Computing – GR
  - YoGoKo – FR
  - BundlesLab - HU
  - DriveU – IL
  - Neobility - RO





THANKS!



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[5gasp-contact@5g-ppp.eu](mailto:5gasp-contact@5g-ppp.eu)



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[twitter.com/5gasp](https://twitter.com/5gasp)