



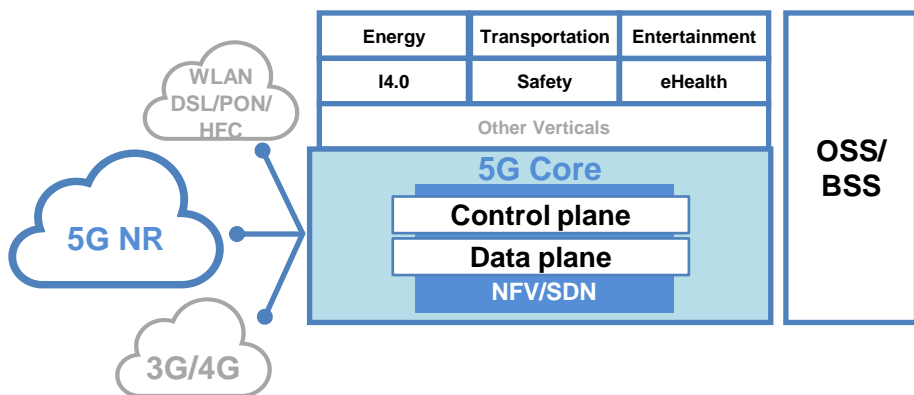
Mobilizador 5G

Building and Exploiting 5G

Francisco Fontes
Altice Labs

Project mission & objectives

Research, development, validation and integrated demonstration of a set of products for the future 5G networks, gathering and harmonizing the efforts of different agents in order to create innovative solutions for the global market.



Development of new products, **specific to the construction of 5G networks**

Development / evolution of products and services in key technologies **supporting the realization of 5G**

Development / adaptation of products for critical and multimedia applications, **using public 5G networks**

Operation and availability of integration platform, test and demonstration of ecosystem 5G

Project overview



Designation

Mobilizador 5G
“Components and services for 5G networks”

Duration

Jan/18 to Dec/20
(36 months)

Leader

Altice Labs, S.A.

Investment

9,7 M€

Assigned incentive


6,2 M€

Advisory Board



Consortium



 info@5go.pt

 @5Go.pt

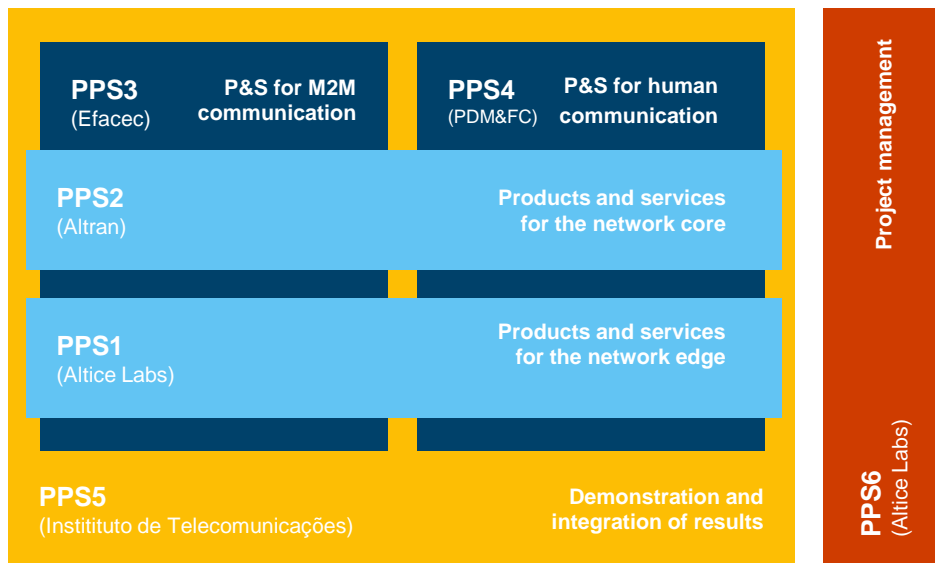
 @5go_pt

 @5GO.PT

Co-financed by:



Project organization



PPS1 & PPS2

Development of the project 5G network; activities focused on 5G technologies.

PPS3 & PPS4

5G exploration in vertical markets with requirements for latency, bandwidth, availability and security.














PPS5

Integration, testing and demonstration of all products; dissemination of results.

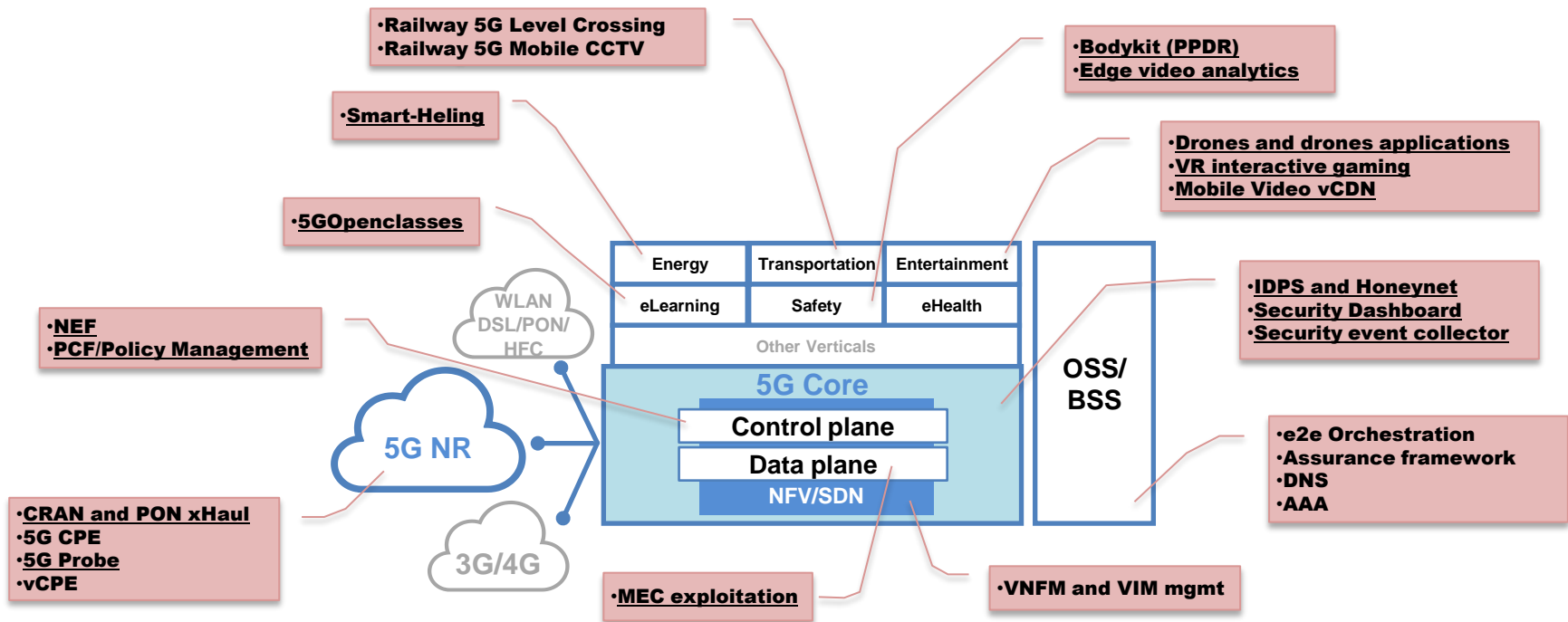
PPS6

Project management activities.

Products & services

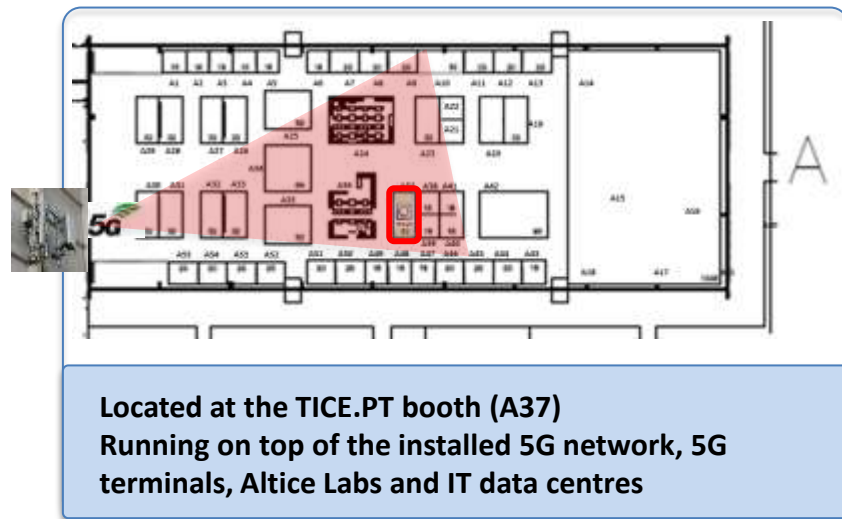
													
PPS 4		- Mobile Video vCDN					- Drones - VR interact. game			- 5GOpenclasses (Plataforma de suporte a teleaulas)		- vCDN node - Drones (e.g. mesh comm.)	
PPS 3			- Railway 5G Level Crossing - Railway 5G Mobile CCTV - Smart Healing (energy)	- VNFM/VNF mgmt.		- Bodykit (PPDR)	- ID mgmt.	- Video analytics					
PPS 2	- PCF - HLPolicer	- e2e orchestration			- Assurance	- App IDPS - NEF - DNS	- DNS IDPS - AAA	- Vulnerability - Honeynet		- Dashboard - Event collector		- 5G AM-AI - Policy dec. Alg.	
PPS 1	- CRAN CU/DU - 5G GPON Gtw - vCPE							- Probe 5G mgmt - vCPE	- 5G CPE - 5G Probe	- vCPE	- CPE 5G	- CRAN CU/DU - 5G GPON Gtw - 5G CPE - vCPE	- Dissemination
PPS 5	Integrated demonstrator (5G network prototype)												

Mapping to 5G



Project demos @Techdays

- 1) Secure 5G Platform for Situational Awareness of PPDR Missions
- 2) Patrol Drone
- 3) VR Gladiators
- 4) Location prediction and distributed edge caching for mobile video streaming
- 5) Edge Video Analytics
- 6) 5GOpenclasses
- 7) 5G Probe
- 8) 5G RAN supported on xPON technologies
- 9) Smart-Healing





Thank you!

Obrigado!

