

Radiolabs Consortium

Research & Innovation made in Italy for safer, sustainable, eco-friendly
Intelligent transport systems

Outlook on the Region Abruzzo innovation ecosystem

EXPO 2020 – Dubai, January 30, 2021

Francesco Rispoli – Director General



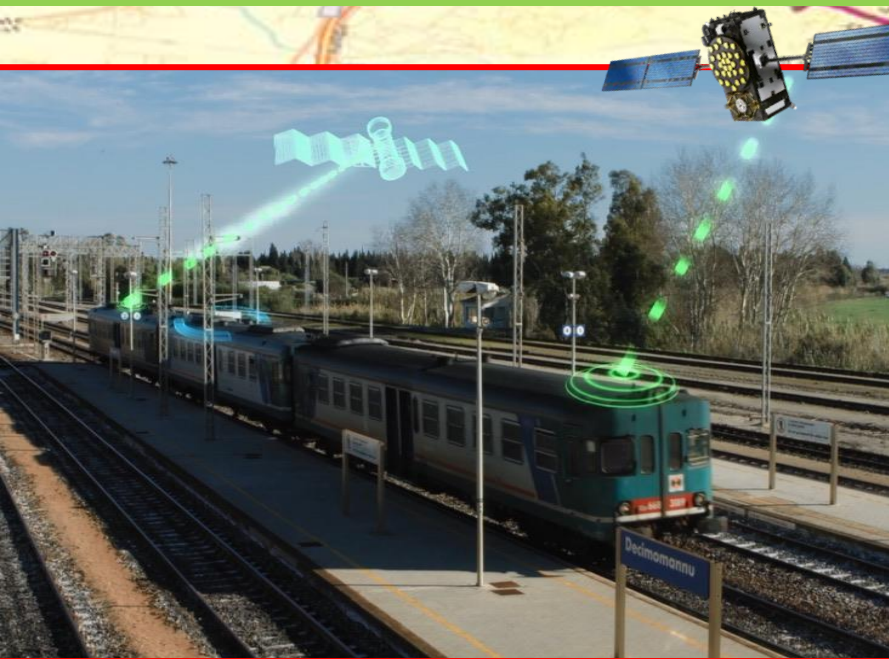
*Hitachi Rail STS S.p.A., WESTPOLE S.p.A.
University of Rome "Tor Vergata" – University of "L'Aquila" – Università of Rome "Roma Tre"*



Vehicular communications, accurate and secure localization and navigation supported by machine learning and artificial intelligence



Radiolabs - a non-profit University-Industry Consortium for research, innovation & testing new technologies for Connected and autonomous vehicles



Main Research Areas

COMMUNICATIONS

5G - 6G - Satellite
FRMCS – PPDR
Intelligence Defined Networks

GEO LOCALIZATION

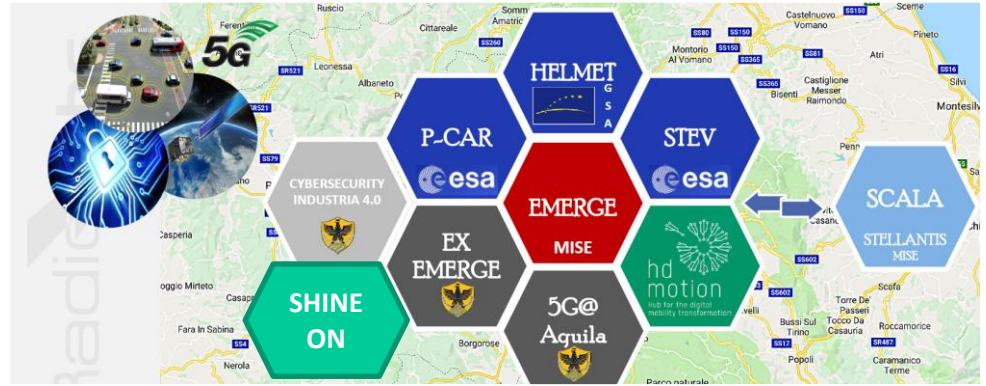
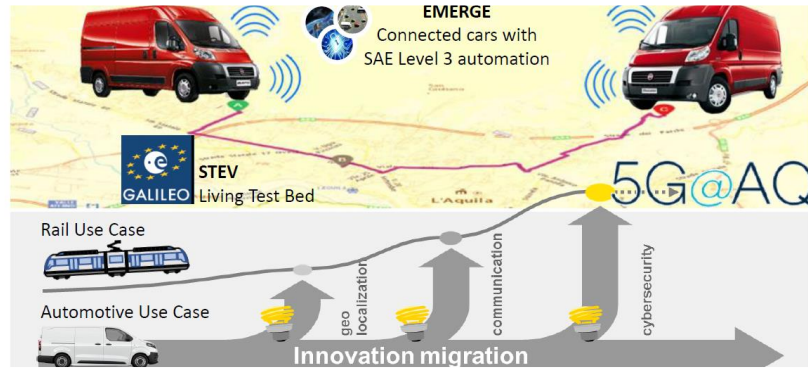
High Accuracy High Integrity
Multi Sensors Hybrid Systems
INDOOR

CYBER SECURITY

Secure Communications
Resilient GNSS signal processing
Intelligence Defined Security

always connected, geo-localized, secure

Focus on the Region Abruzzo



Region Abruzzo R&D ecosystem - 10 M€ projects

Cooperation with Stellantis, ANAS & Italian Space Agency ASI, MISE, ESA, EUSPA



World's recognised excellence with top rankings on scientific publications



International projects with innovative technologies for an **always connected, safely localized and cyber-secure connected vehicle**



Technology Transfer

First Laboratory in Europe to certify new technologies based on **virtual validation for zero-on field tests in collaboration with Center of Excellence of the University of L'Aquila**



Independent assessment, services