

# 5GPPP User Ecosystem

Policy makers	Ministries & authorities for training and deployment of first responders, ISO (Automotive standards, functional safety requirements), Cybersecurity national agencies (like ANSSI), EC, DG transport, European Railway Agency (European TSIs regulating the radio systems)
Financing sources	Next generation EU, EC, DG Transport
Interest Groups	Public Safety Technology Initiative

Standardisation organisations	TCCA, TI, APCO, ISO TC204, ETSI ITS, IEEE, ACM, CEN/CENELEC, ISO, MPEG, JPEG, EASA (European Aviation Safety Agency), UIC, IEEE.
Open source organisations	Open DataHub, CAMARA open-source initiative, WAYRA innovation ecosystem, Hyperledger Foundation, Openrail

Technology Integrators (OEM) for specific markets, Network Application Developers, Service developers  
 Software integrators  
 Autonomous vehicle manufacturers / software developers  
 Digital/IoT platform suppliers

SMEs and service providers in PPDR, Distributed AI/ML  
 Training under and postgraduate students, Masters and PhD programs on Telematics Engineering and Master programs for 5G Networks  
 Post-doctorates and Ph.D. students research programs, Degree, Master, and Ph.D. thesis, Proof of concept development  
 IoT device manufacturers  
 Data analysis specialists  
 Training/education/research



Agriculture & farming	e.g. agriculture, food, aquaculture (fish farms), etc.
Automotive	e.g. car manufacturers, car technology providers, services (insurance, driver assistance, security on content delivery), Infotainment, transport operators, traffic management and planning, hazard notification), C-ROADS, CAR 2 CAR Communication Consortium (C2C-CC)
Broadcasting & Media	e.g. studios, broadcasters, content providers, satellite and cable providers, media service providers...
Mass-market end-users	i.e. consumers, citizens
Energy	e.g. power companies, utilities, large users (manufacturers, cities, data centres...), smart grid operators...
Factories of the Future/ Smart Factories	e.g. manufacturers, IoT technology providers, robotics, smart building, smart yachting, etc.
Healthcare	e.g. health companies/industry, emergency services, insurance companies, medical research facilities, state health providers, private health providers, supply chain partners...
Public Safety/PPDR	e.g. police, rescue and fire departments, emergency medical, professionals, army hospital, ambulance, drone industry (e.g. u-space info providers, manufacturers, drone-based service providers, UTM)
Smart cities	e.g. urban mobility, street lighting, tourism, smart economy, mobility, governance, living, people, drone industry...
Transport & logistics	(rail, maritime, aviation, road) e.g. air carrier companies, railway companies, road operators, transport hub, ETSY ITS authorities/operators (ports, warehouses)
Construction	e.g. digital planning and construction, material flow management and planning, robot-assisted (de-)construction, etc.
Public Procurement Bodies	administrations, hospitals, schools

Automotive	5GAA, ERTICO
Industry Manufacturing	5GACIA, IIC
Health	ECHalliance, PCHalliance EMF Health Groups
Energy	EUTC
Media	EBU, NEM, 5G-Mag
Public Safety	ECSSO, PSC Europe
Mobile telecommunication	NCMN
Transport	ALICE, UIRR, ESC, Knowledge-Based on Connected and Automated Driving (connected automated driving.eu), European Automotive and Telecoms Alliance (EATA)

IoT	AIOTI
Big Data	DAIRO
Software	Software
Photonics	Photonics21
Microelectronics	AENEAS
Robotics	euRobotics
Aviation	SESAR JU

\* SMEs and large companies are stakeholders of this category and in all its sub-groups