Autonomous vehicles
Societal aspects and impact
Standards
Legal framework
Vehicle approval regulations and process
Liability
Intelligent transportation systems
Public opinion
Education and training
insurances
Accidents
Lost work positions
Employment
Gained work positions
Usage context
Applications
City
Intercity
Off-road
Mining
Construction
Environment
Weather
Infrastructure
Traffic situation
Heavy commercial vs. other types of vehicles
Safety implications (size, weight, potentially dangerous cargo)
People vs. goods transport
Variability and integration
Production volumes
Organizational and Business aspects
Business models
Organizational management and skills
Strategic collaboration, alliances, open innovation
Technology and Engineering
Components/Technologies
Sensors
Actuators
Algorithms
Data, maps
Architecture
ECUs
Communication
Methodology
Requirements
Design and architecting
Verification and validation
Production and maintenance
Procedures to ensure quality of autonomy including sensing systems
Upgrades and downgrades
Stakeholders
Owners
Operators
Maintainers/Service
Service providers
Builders
Platform
AI
Body builders
Public
See Societal aspects for further stakeholders (insurance, legislation etc.)
Perceived benefits and drivers of autonomy
Properties
High level qualities
Security
Safety
Operation cost
Efficiency (vehicle and traffic)
Convenience
Dependability
Other "-ities"
Characteristics
Level of automation
Distributed
Real-Time
Level of autonomy
Complexity
Variability
Emergent behavior
Feature interaction
Behavior
Perception
Decision making
Environment