

1

AUTONOMOUS PLATFORMS

1.1

Dimension Air as autonomous platform

- 1.1.1 Autonomous / remote-controlled aircrafts
- 1.1.1.1 Rotary-wing aircraft as autonomous / remote-controlled aircrafts
- 1.1.1.2 Fixed-wing aircraft as autonomous / remote-controlled aircrafts
- 1.1.1.3 Autonomous / remote-controlled aircrafts with vertical take-off and landing systems (VTOL)
- 1.1.1.4 Aerostats (anchored zeppelins)
- 1.1.1.5 Hybrid lift aircrafts as autonomous / remote-controlled aircraft
- 1.1.1.6 Tethered powered aircrafts
- 1.1.1.7 Lighter-than-air drones
- 1.1.1.8 HAPS (high altitude pseudo-satellite) as autonomous / remote-controlled aircrafts
- 1.1.1.9 Ornithopter aircraft as autonomous / remote-controlled aircrafts
- 1.1.2 Areas of application for autonomous / remote-controlled aircrafts
- 1.1.2.1 Agriculture and forestry through autonomous / remote-controlled aircrafts
- 1.1.2.2 Infrastructure inspection and monitoring by autonomous / remote-controlled aircrafts
- 1.1.2.3 Disaster management and relief through autonomous / remote-controlled aircrafts
- 1.1.2.4 Logistics and deliveries by autonomous / remote-controlled aircrafts
- 1.1.2.5 Passenger transportation by autonomous / remote-controlled aircrafts
- 1.1.2.6 Sports and leisure applications using autonomous / remote-controlled aircrafts
- 1.1.2.7 Media transmission by autonomous / remote-controlled aircrafts
- 1.1.2.8 Surveillance and security through autonomous / remote-controlled aircrafts
- 1.1.2.9 Environmental monitoring and protection by autonomous / remote-controlled aircrafts
- 1.1.2.10 Medical operations / rescue missions by autonomous / remote-controlled aircrafts
- 1.1.2.11 Surveying technology using autonomous / remote-controlled aircrafts
- 1.1.2.12 Civil and commercial applications using autonomous / remote-controlled land aircrafts
- 1.1.2.13 Sensor/reconnaissance services in dual-use operation by autonomous/remote-controlled aircrafts
- 1.1.2.14 Transfer of active substances by autonomous / remote-controlled aircrafts
- 1.1.2.15 Construction/assembly tasks/robotics using autonomous / remote-controlled aircrafts
- 1.1.2.16 Military applications using autonomous / remote-controlled aircrafts

1.2

Dimension Land as an autonomous platform

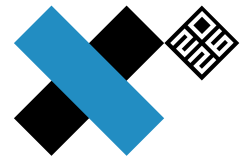
- 1.2.1 Autonomous / remote-controlled land vehicles
- 1.2.1.1 Autonomous / remote-controlled passenger cars
- 1.2.1.2 Autonomous / remote-controlled trucks / freight transporters
- 1.2.1.3 Autonomous / remote-controlled local transport vehicles
- 1.2.1.4 Autonomous / remote-controlled long-distance vehicles
- 1.2.1.5 Autonomous / remote-controlled buses / shuttles
- 1.2.1.6 Autonomous / remote-controlled delivery vehicles
- 1.2.1.7 Autonomous / remote-controlled construction vehicles

- 1.2.1.8 Autonomous / remote-controlled agricultural vehicles
- 1.2.1.9 Autonomous / remote-controlled specialized industrial robots
- 1.2.1.10 Autonomous / remote-controlled humanoid robots
- 1.2.2 Land vehicles with special means of transportation
- 1.2.2.1 Autonomous / remote-controlled vehicles with rail drive
- 1.2.2.2 Autonomous / remote-controlled vehicles with tire drive
- 1.2.2.3 Autonomous / remote-controlled vehicles with track drive
- 1.2.2.4 Autonomous / remote-controlled vehicles with hybrid drive (track/wheel combinations)
- 1.2.2.5 Autonomous / remote-controlled legged vehicles
- 1.2.2.6 Autonomous / remote-controlled rolling vehicles
- 1.2.2.7 Autonomous / remote-controlled vehicles with helical screw drive
- 1.2.3 Areas of application for autonomous ground vehicles
- 1.2.3.1 Agriculture and forestry through autonomous / remote-controlled agricultural vehicles
- 1.2.3.2 Gastronomy and retail through autonomous / remote-controlled land vehicles
- 1.2.3.3 Infrastructure inspection and monitoring by autonomous / remote-controlled land vehicles
- 1.2.3.4 Disaster management and relief through autonomous / remote-controlled land vehicles
- 1.2.3.5 Logistics and deliveries by autonomous / remote-controlled land vehicles
- 1.2.3.6 Passenger transportation by autonomous / remote-controlled land vehicles
- 1.2.3.7 Sports and leisure applications using autonomous / remote-controlled land vehicles
- 1.2.3.8 Surveillance and safety through autonomous / remote-controlled land vehicles
- 1.2.3.9 Environmental monitoring and protection by autonomous / remote-controlled land vehicles
- 1.2.3.10 Medical operations / rescue missions by autonomous / remote-controlled land vehicles
- 1.2.3.11 Surveying technology using autonomous / remote-controlled land vehicles
- 1.2.3.12 Civil and commercial applications using autonomous / remote-controlled land vehicles
- 1.2.3.13 Sensor/reconnaissance services in dual-use operation by autonomous / remote-controlled vehicles
- 1.2.3.14 Transfer of active substances by autonomous / remote-controlled vehicles
- 1.2.3.15 Construction/assembly tasks /robotics using autonomous / remote-controlled vehicles
- 1.2.3.16 Military applications using autonomous / remote-controlled land vehicles

1.3

Dimension Water as an autonomous platform

- 1.3.1 Autonomous / remote-controlled watercraft
- 1.3.1.1 Autonomous / remote-controlled boats (under 50 meters in length)
- 1.3.1.2 Autonomous / remote-controlled ships (over 50 meters in length)
- 1.3.1.3 Autonomous / remote-controlled surface vehicles (ASVs)
- 1.3.1.3.1 Autonomous / remote-controlled buoys
- 1.3.1.3.2 Autonomous / remote-controlled measuring stations
- 1.3.2 Areas of application for autonomous watercraft
- 1.3.2.1 Passenger transportation by autonomous / remote-controlled watercraft



- 1.3.2.2 Infrastructure inspection and monitoring by autonomous / remote-controlled watercraft
- 1.3.2.3 Disaster management and relief using autonomous / remote-controlled watercraft
- 1.3.2.4 Logistics and deliveries by autonomous / remote-controlled watercraft
- 1.3.2.5 Sports and leisure applications using autonomous / remote-controlled watercraft
- 1.3.2.6 Monitoring and safety through autonomous / remote-controlled watercraft
- 1.3.2.7 Environmental monitoring, research and protection using autonomous / remote-controlled watercraft
- 1.3.2.8 Surveying technology using autonomous / remote-controlled watercraft
- 1.3.2.9 Civil and commercial applications using autonomous / remote-controlled watercraft
- 1.3.2.10 Military applications using autonomous / remote-controlled watercraft

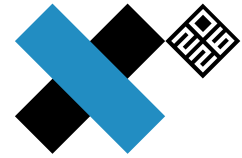
1.4 Dimension Underwater as autonomous platform

- 1.4.1 Autonomous / remote-controlled underwater vehicles
 - 1.4.1.1 Autonomous underwater vehicles (AUVs) / uncrewed undersea vehicles (UUVs)
 - 1.4.1.2 Remotely operated vehicles (ROVs)
 - 1.4.1.3 Autonomous underwater gliders
 - 1.4.1.4 Autonomous / remote-controlled semi-submersible vehicles
 - 1.4.1.5 Autonomous / remote-controlled underwater sensors and measuring stations
- 1.4.2 Systems with special features
 - 1.4.2.1 Autonomous / remote-controlled underwater systems with anchoring
 - 1.4.2.2 Autonomous / remote-controlled underwater systems without anchoring (free-floating)
- 1.4.3 Areas of application for autonomous marine systems
 - 1.4.3.1 Passenger transportation by autonomous / remote-controlled underwater vehicles
 - 1.4.3.2 Infrastructure inspection and monitoring by autonomous / remotely operated underwater vehicles
 - 1.4.3.3 Disaster management and relief by autonomous / remotely operated underwater vehicles
 - 1.4.3.4 Surveillance and security by autonomous / remotely operated underwater vehicles
 - 1.4.3.5 Environmental monitoring, research and protection by autonomous / remotely operated underwater vehicles
 - 1.4.3.6 Surveying technology using autonomous / remotely operated underwater vehicles
 - 1.4.3.7 Military applications using autonomous / remotely operated underwater vehicles

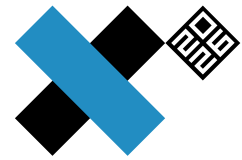
1.5 Dimension Space as autonomous platform

- 1.5.1 Autonomous / remote-controlled space vehicles
 - 1.5.1.1 Autonomous / remote-controlled space probes
 - 1.5.1.2 Autonomous / remote-controlled space shuttles
 - 1.5.1.3 Autonomous / remote-controlled rovers
 - 1.5.1.4 Autonomous / remote-controlled rockets
 - 1.5.1.5 Autonomous / remote-controlled satellites
 - 1.5.1.5.1 Autonomous / remote-controlled CubeSats
 - 1.5.1.5.2 Autonomous / remote-controlled SmallSats
 - 1.5.1.6 Autonomous / remote-controlled probes
 - 1.5.1.7 Autonomous / remote-controlled humanoid robots
 - 1.5.1.8 Other autonomous / remote-controlled spacecrafts
- 1.5.2 Areas of application for autonomous spacecrafts

- 1.5.2.1 Passenger transportation by autonomous / remote-controlled spacecrafts
- 1.5.2.2 Infrastructure inspection and monitoring by autonomous / remote-controlled spacecrafts
- 1.5.2.3 Disaster management and relief by autonomous / remote-controlled spacecrafts
- 1.5.2.4 Logistics by autonomous / remote-controlled spacecrafts
- 1.5.2.5 Surveillance and security by autonomous / remote-controlled spacecrafts
- 1.5.2.6 Environmental monitoring, research and protection by autonomous / remote-controlled spacecrafts
- 1.5.2.7 Surveying technology using autonomous / remote-controlled spacecrafts
- 1.5.3 New Space in autonomous / remote-controlled space travel
 - 1.5.3.1 Reusable launch vehicle for autonomous / remote-controlled spacecrafts
 - 1.5.3.2 Autonomous satellite constellations
 - 1.5.3.3 AI-supported mission planning for autonomous / remote-controlled spacecrafts
 - 1.5.3.4 Electric propulsion systems for autonomous / remote-controlled spacecrafts
 - 1.5.3.5 Hybrid propulsion for autonomous / remotely piloted spacecrafts
 - 1.5.3.6 Alternative propellants for autonomous / remote-controlled spacecrafts
 - 1.5.3.7 On-orbit servicing for autonomous / remote-controlled spacecrafts
 - 1.5.3.8 In-orbit manufacturing in autonomous / remote-controlled space travel
 - 1.5.3.9 In-situ resource utilization in autonomous / remote-controlled spaceflight
 - 1.5.3.10 Hyperspectral imaging in autonomous / remote-controlled spaceflight
- 1.5.4 Greenspace in autonomous / remote-controlled space travel
 - 1.5.4.1 Environmentally friendly launch and landing technologies for autonomous / remote-controlled spacecrafts
 - 1.5.4.2 Environmentally friendly propulsion technologies for autonomous / remote-controlled spacecrafts
 - 1.5.4.3 Sustainable space missions in autonomous / remote-controlled space travel
 - 1.5.4.4 Renewable energies in autonomous / remote-controlled space travel
 - 1.5.4.5 Space resource management in autonomous / remote-controlled space travel
 - 1.5.4.6 Space ecology and astrobiology in autonomous / remote-controlled spaceflight
 - 1.5.4.7 Space waste management in autonomous / remotely piloted spaceflight
 - 1.5.4.8 Biospheres and closed ecosystems in autonomous / remotely piloted spaceflight
 - 1.5.4.9 Environmentally friendly materials for autonomous / remotely piloted spacecrafts
 - 1.5.4.10 Climate change monitoring and mitigation by autonomous / remotely piloted spacecrafts
 - 1.5.4.11 Sustainable planetary exploration and colonization through autonomous / remotely piloted spacecrafts
 - 1.5.4.12 International cooperation and policy in autonomous / remotely piloted spaceflight



1.6	Human-machine interaction dimension as an autonomous platform	2.2.2.2	Electric drives
1.6.1	Wearable control devices (gloves, controllers, wearables, etc.)	2.2.2.3	Pneumatic drives
1.6.2	Augmented reality interfaces	2.2.2.4	Hybrid / Dual drives
1.6.3	Virtual control cabins (VR or remote control centers, etc.)	2.2.3	Electromagnets / solenoid drives
1.6.4	Voice control and speech synthesis	2.2.4	Valves
1.6.5	Systems for feedback (haptic, visual, auditory, etc.)	2.2.5	Other components, modules, OEM equipment
1.6.6	Teleoperation and remote control	2.3	Propellers
1.6.7	Human-robot collaboration (HRI)	2.3.1	Fixed pitch propellers
1.6.8	Safety solutions for human-machine interactions	2.3.2	Controllable pitch propellers
1.7	Cooperative autonomy dimension	2.3.3	Folding propellers
1.7.1	Swarm intelligence systems	2.3.4	Surface propellers
1.7.2	Multi-agent systems	2.3.5	Other propeller systems
1.7.3	V2V (Vehicle-to-Vehicle) communication systems	2.4	Control technology
1.7.4	V2X (Vehicle-to-Everything) communication	2.4.1	Flight and system control
1.7.5	AI-supported collective decision-making	2.4.2	Telemetry system
1.7.6	Real-time data synchronization and coordination between platforms	2.4.3	Remote contro4
1.7.7	Cross-platform mission planning	2.4.4	Engine control
1.7.8	Applications of swarms (search and rescue missions, mapping, logistics, etc.)	2.4.5	Power distribution board (PDB)
1.7.9	Interoperable tactical communication	2.4.6	Electronic speed controller
1.8	Autonomous / remote-controlled hybrid platforms	2.5	Energy sources and fuel systems
1.8.1	Autonomous / remote-controlled amphibious vehicles (land-water)	2.5.1	Gasoline / Diesel / Heavy fuel
1.8.2	Autonomous / remote-controlled air-water systems	2.5.1.1	Fuel bag
1.8.3	Autonomous / remote-controlled space-air platforms	2.5.2	Batteries
1.8.4	Other hybrid autonomous / remote-controlled platforms	2.5.3	Rechargeable batteries
2	COMPONENTS + SENSORS	2.5.4	Hydrogen and fuel cells
2.1	Frame construction, housing, materials and sealing material	2.5.5	Solar cells
2.1.1	Frames	2.5.6	Hybrid energy systems
2.1.2	Vehicle bodies / semi-finished products	2.5.7	Electric fast-charging systems
2.1.3	Materials	2.5.8	Energy storage and energy recovery systems
2.1.4	Composite materials / composites	2.6	Navigation systems
2.1.4.1	Metals	2.6.1	Global Positioning System (GPS)
2.1.4.2	Plastics	2.6.2	Global Navigation Satellite System (GNSS) / Real-time kinematic positioning (RTK)
2.1.4.3	Rubber	2.6.3	Compasses
2.1.4.4	Composites and hybrid materials	2.6.4	Triangulation / multilateration
2.1.4.5	Other lightweight construction technologies	2.6.5	LORAN
2.1.4.6	Assembly and fastening elements	2.6.6	Inertial Navigation
2.1.5	Mechanical fasteners	2.6.7	Sonar
2.1.5.1	Nuts	2.7	Imaging/Vision
2.1.5.2	Pins / bolts	2.7.1	LiDAR
2.1.5.3	Clamps	2.7.2	Cameras (2D / 3D)
2.1.5.4	Brackets	2.7.3	IR (infrared)
2.1.5.5	Washers	2.7.4	VIS/NIR Camera
2.1.5.6	Rivets	2.7.5	Radar
2.1.5.7	Adhesives	2.7.6	Camera lenses
2.1.5.8	Other assembly and fastening elements	2.7.7	Camera gimbals / image stabilization
2.2	Motors, drive and transmission systems	2.8	Sensors
2.2.1	Motors	2.8.1	Environmental and weather instruments
2.2.1.1	Actuators	2.8.1.1	Barometer
2.2.1.2	Electric motors	2.8.1.2	Thermometer
2.2.1.3	Internal combustion engines	2.8.1.3	Magnetometer
2.2.1.4	Turbines	2.8.1.4	Humidity sensors
2.2.2	Drives	2.8.1.5	Weather stations
2.2.2.1	Drive technology	2.8.1.6	Variometer
		2.8.1.7	Wind shear measurement
		2.8.2	Data acquisition
		2.8.2.1	Distance measurement
		2.8.2.2	Temperature measurement



2.8.2.3	Pressure measurement
2.8.2.4	Velocity measurement
2.8.2.5	Radiation measurement
2.8.2.6	Pitot Tube
2.8.2.7	Optical Flow Camera
2.8.3	Position instruments
2.8.3.1	Gyroscope / gyroscope instrument
2.8.3.2	Altimeter / height measurement
2.8.3.3	Accelerometers
2.8.4	Load sensors
2.8.5	Radar / Non-visual sensors
2.8.5.1	Ultrasound
2.8.5.2	Microwaves
2.8.5.3	Terahertz
2.8.5.4	Acoustic sensors
2.8.6	Biometric sensors
2.8.6.1	Heart rate sensors
2.8.6.2	Skin temperature sensors
2.8.6.3	Muscle movement sensors
2.8.6.4	Eye tracking sensors
2.8.6.5	Face and emotion detection sensors
2.8.7	Spectral analysis sensors
2.8.7.1	Hyperspectral sensors
2.8.7.2	Multispectral sensors
2.8.7.3	Spectrometers
2.8.7.4	Gas detectors (environmental or space applications etc.)
2.8.7.5	Water quality analysis sensors

2.9 Communication systems / networks

2.9.1	5G / LTE
2.9.2	WLAN
2.9.3	Satellite communication
2.9.4	Cellular chips
2.9.5	LoRAWAN
2.9.6	Bluetooth
2.9.7	ZigBee
2.9.8	Mesh networks
2.9.9	Ultra-wideband
2.9.10	NFC (Near Field Communication)
2.9.11	Mioty
2.9.12	Routers
2.9.13	Switches
2.9.14	Antennas
2.9.15	Repeaters
2.9.16	Gateways
2.9.17	Transmission technology
2.9.18	Network management systems
2.9.19	Edge Computing
2.9.20	Quantum communication
2.9.21	Firewall systems
2.9.22	Network security systems

2.10 Take-off, landing and recovery systems

2.10.1	Landing gear systems
2.10.2	Carriers / take-off systems
2.10.3	Vertiports / Landing areas / Flight infrastructure
2.10.3.1	Standardized landing areas for VTOLs
2.10.3.2	Multifunctional landing areas
2.10.3.3	Anchored landing areas
2.10.4	Docking and docking systems
2.10.5	Parachute
2.10.6	Safety nets
2.10.7	Lifelines
2.10.8	Airbags

2.11 Safety systems

2.11.1	Drone defense (Counter UAS)
2.11.1.1	Jammers
2.11.1.2	Nets
2.11.1.3	Physical interception systems
2.11.2	Traffic Alert and Collision Avoidance System (TCAS)
2.11.3	Visibility systems (ADS-B - Automatic Dependent Surveillance Broadcast)
2.11.4	Flight and Alarm System (FLARM)
2.11.5	Remote ID
2.11.6	Intervention systems
2.11.7	Stabilization systems
2.11.8	Radar and SDR receiving stations

2.12 Software / Firmware

2.12.1	Control and regulation algorithms
2.12.1.1	Navigation algorithms
2.12.1.2	Path planning algorithms
2.12.1.3	Control algorithms
2.12.1.4	AI (artificial intelligence) based decision systems
2.12.1.5	Swarm intelligence
2.12.1.6	Autonomy layer
2.12.1.7	Autopilot
2.12.1.8	PX4 / Ardupilot
2.12.2	Cybersecurity
2.12.3	Encryption
2.12.4	Sensor data processing
2.12.4.1	Image processing algorithms
2.12.4.2	Signal processing
2.12.4.3	Pattern recognition and machine learning techniques
2.12.5	Communication protocols and interfaces
2.12.5.1	TCP / IP
2.12.5.2	CAN bus
2.12.5.3	MQTT (Message Queuing Telemetry Transport)
2.12.5.4	ROS communication protocols
2.12.5.5	Interfaces to ERP, surveying and other systems
2.12.6	User interfaces and operating software
2.12.6.1	Graphical user interfaces (GUIs)
2.12.6.2	Command line interfaces (CLI)
2.12.6.3	Remote control software and monitoring tools
2.12.7	Self-monitoring and diagnostic software
2.12.7.1	Fault detection algorithms
2.12.7.2	Diagnostic systems
2.12.7.3	Self-test software
2.12.7.4	Simulation software
2.12.8	Predictive maintenance software

2.13 Computer systems

2.13.1	Real-Time Operating Systems (RTOS)
2.13.2	Robot Operating System (ROS)
2.13.3	Cloud services
2.13.4	Other computer systems

2.14 Processors and control units

2.14.1	Microcontrollers
2.14.2	Computer units
2.14.3	Graphics processor
2.14.4	Image processing processor
2.14.5	Multi-core processor
2.14.6	Other processors

2.15 Operating and display elements

2.15.1	Screens
2.15.2	LED displays



- 2.15.3 Head-up displays (HUDs)
- 2.15.4 Touchscreens
- 2.15.5 Lamps / lights
- 2.15.6 Other display units
- 2.15.7 Keyboards
- 2.15.8 Joysticks
- 2.15.9 Switches and control panels

- 2.16** Cooling and ventilation systems
- 2.16.1 Fans
- 2.16.2 Heat sinks
- 2.16.3 Coolants
- 2.16.4 Heat conducting materials

- 2.17** Storage media
- 2.17.1 Hard disks
- 2.17.2 ROM
- 2.17.3 DRAM
- 2.17.4 SRAM
- 2.17.5 SSD
- 2.17.6 SD cards
- 2.17.7 Flash memory
- 2.17.8 Cloud storage
- 2.17.9 Other storage media

- 2.18** Electronics and electromechanical components
- 2.18.1 Electrical cables
- 2.18.2 Plugs, connectors
- 2.18.3 Flexible printed circuit board
- 2.18.4 Miniaturized electromechanical systems (MEMS)
- 2.18.5 Other electromechanical components

- 2.19** Moving and connecting elements
- 2.19.1 Payloads
- 2.19.1.1 Cardanic suspensions/swivel mounts
- 2.19.1.2 Arms / grippers / manipulation devices
- 2.19.1.3 Medical transport containers
- 2.19.1.4 Suspensions for payloads
- 2.19.2 Ball joints
- 2.19.3 Swivel joints
- 2.19.4 Saddle joints
- 2.19.5 Screw joints
- 2.19.6 Hinges
- 2.19.7 Linear guides
- 2.19.8 Rotation mechanisms
- 2.19.9 Robotic arms

3 SERVICES IN THE FIELD OF AUTONOMOUS TECHNOLOGIES

- 3.1** Education / training / training in the field of autonomous technologies
- 3.1.1 Academic institutions in the field of autonomous technologies
- 3.1.2 Certification institutes for autonomous technologies
- 3.1.3 Flight schools

- 3.2** Maintenance, repair and servicing of autonomous technologies
- 3.2.1 Maintenance organization LTB/Part 145
- 3.2.2 Hangar and maintenance facilities
- 3.2.3 Drone maintenance stations
- 3.2.4 Fleet management platform

- 3.3** Consulting services in the field of autonomous technologies
- 3.3.1 Legal advice in the field of autonomous technologies
- 3.3.2 Operating licenses for autonomous technologies

- 3.4** Insurance services in the field of autonomous technologies
- 3.4.1 Insurance consulting for autonomous technologies

- 3.5** Research and development of autonomous technologies
- 3.5.1 Prototyping of autonomous technologies
- 3.5.2 Test areas / test airports for autonomous technologies

- 3.6** Production and trade in autonomous technologies
- 3.6.1 Production services in the field of autonomous technologies
- 3.6.2 Additive manufacturing (design and production) of autonomous technologies
- 3.6.3 Wholesale for autonomous technologies

- 3.7** Quality management of autonomous technologies

- 3.8** Distribution services in the field of autonomous technologies
- 3.8.1 Distribution logistics for autonomous technologies
- 3.8.2 Customer service for autonomous technologies

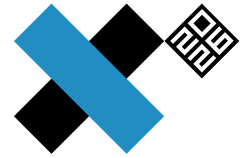
- 3.9** Financial services in the field of autonomous technologies
- 3.9.1 Private equity / private equity capital
- 3.9.2 Venture capital / risk capital
- 3.9.3 Public funding / public subsidies

- 3.10** Testing, inspection and certification of autonomous technologies
- 3.10.1 Notified body for autonomous technologies

- 3.11** Data collection, analysis and management in the field of autonomous technologies
- 3.11.1 Photography through autonomous technologies
- 3.11.2 Videography by autonomous technologies
- 3.11.3 Data storage/management by autonomous technologies
- 3.11.4 Database management for autonomous technologies
- 3.11.5 Data/image/video analysis by autonomous technologies
- 3.11.6 Cloud services for autonomous technologies
- 3.11.7 Surveying evaluation / point cloud analysis by autonomous technologies

- 3.12** Connectivity in the field of autonomous technologies
- 3.12.1 Mobile network providers for autonomous technologies
- 3.12.2 Network providers for autonomous technologies
- 3.12.3 Operators

- 3.13** Integration services in the field of autonomous technologies
- 3.13.1 IoT (collective network)
- 3.13.2 IIoT (collective network for industry and applications)
- 3.13.3 M2M (machine to machine communication)



- 3.14** Drone flight services
 - 3.14.1 Pilot as a service
 - 3.14.2 Sensor rental for drones
- 3.15** Air traffic management / unmanned traffic management (ATM / UTM)
 - 3.15.1 U-Space Service Provider (USSP)
 - 3.15.2 CIS - Common Information Service Provider
 - 3.15.3 ATC - Air Traffic Control Organization
 - 3.15.4 ANSP - Air Navigation Service Provider