

Main action area(4): Mobility Planning

Roadmap on Mobility Planning

Main Action Area (4): Mobility Planning				
Action Field (1) Technical and Operational Layers of Mobility	Action Items			Responsible Stakeholders
	Short term (2020)	Mid-term (2025)	Long term (2030)	
1,a) Vehicles				
1,b) Infrastructure	Support renovation of urban infrastructure by initiating projects for urban planning taking into account novel mobility behavior and its implications on urban infrastructure. Identify potential problems for different transport users, with a focus on pedestrians and cyclists.	Promote the integration of personal mobility devices in urban infrastructure by defining how they can share existing paths or adding new ones where needed to allow their use as preferred transport mode.	Promote solutions that improve the flexibility of lanes configuration and allow a shared use of transport network, modulated accordingly to changing mobility needs over time of the day/ day of the week/day of the year or special events.	<ul style="list-style-type: none"> • Policy makers • R&D community • Operators
	Promote interoperability and seamless multimodality by <ul style="list-style-type: none"> • bringing stakeholders together to discuss the requirements of cross-modal transport hubs and interfaces of all sizes • building working groups representing each mode and users to support municipalities in the planning of hubs, i.e. selection of connection 	Support municipalities to <ul style="list-style-type: none"> • integrate cross-modal hubs and interfaces into the urban structure and to regenerate suburbs, connecting them with the city center and with periphery. • Further support municipalities to ensure multiple land-use around hubs through integrated urban and regional planning. 	Ensure that benefits of automated vehicles in urban areas can be exploited by providing for updating and maintaining infrastructure thus that it can accommodate autonomous vehicles.	<ul style="list-style-type: none"> • Industry • R&D community • Operators • User representatives • European Transport and Mobility Forum

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	<p>nodes to become hubs, categorizing them (urban, regional, national, European or global level) and defining the modes and infrastructure required for each hub category</p> <ul style="list-style-type: none"> • supporting municipalities to plan mixed-land use and high-dense urban areas in compact cities, discouraging urban sprawl and low-dense urban areas • defining main corridors to connect hubs and the requirements for them to become smart and sustainable (electric infrastructure for cars, sensors for autonomous cars, etc),. 	<ul style="list-style-type: none"> • Realize smart and sustainable corridors to connect hubs by implementing required harmonized infrastructure in EU. • Ensure accessibility for all and feasibility for all modes by involving cross-modal working groups and user representatives in the whole planning and implementation process. • Identify stakeholders responsible for implementation and maintenance of infrastructure. 		

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	Support transformation processes into smart cities and regions, enabling the integration of new mobility services by <ul style="list-style-type: none"> • developing a plan for cities and regions to deploy smart communication infrastructure (sensors, readable-by-sensors signalization etc.) in physical infrastructure in cities and on public roads/highways • clarifying questions regarding the financing of the implementation of the required infrastructure 			

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1,c) Transport offers	Change the concept of mobility by <ul style="list-style-type: none"> re-defining the urban planning and the mobility schemes. design new mobility concepts with focus on feasibility and financing enabling co-creation of novel mobility services through crowdsourcing information from users. developing tools and methods to integrate shared mobility as a new mode in planning and modeling thereby promoting renewal of local and regional transport systems as well as of urban planning and transport modelling 	Support the implementation of sustainable seamless (urban) transport systems by <ul style="list-style-type: none"> developing feasible business models for user-centric mobility solutions in the European transport system, e.g. for cross-modal transport solutions or MaaS ensuring meeting increased transport demand due to less private car use by adapting public transport services and required infrastructure continuously. estimating the impact of new mobility solutions (MaaS, autonomous vehicles) on the use of other modes and the use of urban space (e.g. what reduction of parking due to increase in vehicle sharing) incentivize investments into novel mobility solutions 	Verify the effectiveness of planned cross-modal transport offers by incentivizing user groups representatives to periodically report feedback to municipalities and operators.	<ul style="list-style-type: none"> Policy Makers Operators Industry R&D community

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Action Field (2) Societal Aspects of Mobility	Action Items			Responsible Stakeholders
	Short term (2020)	Mid-term (2025)	Long term (2030)	
2,a) Policy and regulatory framework	Support municipalities to integrate sustainable mobility strategies in urban planning as key aspect together with mixed-land use and prevention of urban sprawl.	Set up a regulatory framework that empowers local governments to regulate new mobility services taking into account public policy goals (e.g. supporting sustainability) and social equity (making services accessible and affordable).		<ul style="list-style-type: none"> • Policy Makers • R&D community
		Initiate projects to develop concepts for a successful harmonization of legal measures for freight transport within regions and countries to enable more efficient freight concepts.		<ul style="list-style-type: none"> • Policy • Freight service operators
	Promote the prioritization of active modes in urban transport by <ul style="list-style-type: none"> • strengthening dialogue between advocates for active mobility and municipalities • allocating more resources for active mode infrastructure and providing incentives to cities for implementing widened “Copenhagenize” concepts to create bicycle-and walking-friendly cities and foster other active mobility-related activities 	Support the coexistence of personal mobility devices and other modes in the transport system by clear regulation.		<ul style="list-style-type: none"> • User representatives • Policy • Operators

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	Short term (2020)	Mid-term (2025)	Long term (2030)	
	<ul style="list-style-type: none"> enacting restriction measures for conventional vehicles in dense urban areas and creating business models for the optimization of parking spaces in cities going along with traffic reduction providing incentives to users as e.g. tax reductions to employees commuting to work by bike or a transport ticket with special price linked to not owning a car, a bonus-malus systems for companies supporting private car use, as e.g. tax increase for companies offering free parking to employees. 			
	<p>Support smart traffic management and other user-centric smart city applications making use of big data by creating the legal basis for harmonization of data security and privacy laws.</p> <p>See also Topic (5): Cross-modal/cross-border transport and Integration of Novel Mobility Ser-</p>			<ul style="list-style-type: none"> Policy

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	vices in Public Transport			
2,b) User perspective	Support the wider spread of co-creation of (urban) mobility solutions with citizens and other stakeholders by discussing opportunities and barriers with relevant stakeholders, municipalities, and users.	Support regional and local governments in implementing participatory forms of governance for transport-related issues.		<ul style="list-style-type: none"> • Policy makers • European Transport and Mobility Forum • User representatives • Operators

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Action Field (3) Multi-Stakeholder Interaction and Processes	Action items			Responsible Stakeholders
	Short term (2020)	Mid-term (2025)	Long term (2030)	
3,a) Collaboration of Stakeholders	Foster the discussion of benefits, risks and opportunities of big data, connected and automated transport, transport modes in (urban) mobility solutions and requirements of cross-modal transport hubs and interfaces of all sizes among relevant stakeholders.			<ul style="list-style-type: none"> • Industry • R&D community
3,b) Standardization				