

IUC-NA
Integrated Local Action Plan (iLAP) Summary
June 2020

City:	Métropole Lyon	Boston
Province, State, Department...:	Auvergne-Rhône-Alpes	Massachusetts
Country:	France	USA
Population:	1'370,678	690,000
Size (km²)	533.7 km ²	124.31 km ²
Period of cooperation	June 2018 - June 2020	

Cooperation Themes:	<ul style="list-style-type: none"> ▪ Testing autonomous vehicles ▪ Smart cities ▪ Equity and social inclusion ▪ Smart mobility
Related <u>SDGs</u> and <u>Urban Agenda</u> topics:	<p>SDGs: 11- Sustainable cities and communities</p> <p>EU Urban Agenda: -Urban Mobility -Digital transition</p>
Key <u>focus</u> of cooperation themes:	- Sustainable Mobility - Digital transition
Key <u>challenges</u> of cooperation theme:	<p>In Boston, there are significant disparities in educational attainment, homeownership, commute times, access to healthy food and health care, and a number of other factors. These factors are correlated with major health outcomes and wealth gaps between races and neighborhoods. Boston is the fourth most exposed city in the nation to flooding due to sea level rise and other climate impacts. Temperature increases, more extreme weather events, and rising sea levels pose significant risks for Boston's highly urbanized coastal job centers and neighborhoods.</p> <p>As many other large metropolitan areas, Lyon faces a number of urban and environmental challenges due to an increasingly dense city population, increasing mobility demands with an</p>



	<p>impact on the environment and quality of life. The Metropole's sustainable plan targets a 20% reduction to reduce greenhouse gas emissions in the region by 2020 and includes measures on travel, industry, housing and energy. Lyon Metropole is implementing an ambitious smart city strategy to respond to new urban challenges boosting innovation and inventing new lifestyles for and with its citizens</p>
<p>Main <u>objectives</u> of cooperation as described in the U-CAP:</p>	<ul style="list-style-type: none"> - Serve as a global model for thoughtful citizen engagement and participation in sustainable urban development planning. - Learn about best practices for multisector collaboration on EV charging infrastructure and service option rollout, as well as energy transition more broadly. - Compare testing of shared electric autonomous vehicles to serve the last kilometer travelled in conjunction with public transit. - Learn about effective digital tools developed to better manage the city with data.
<p>Short description of main <u>activities</u> and key <u>outputs</u> (e.g. pilot projects):</p>	<p>In addition to their participation on Learning Exchanges and technical calls and meetings, <i>Movin' On Summit - Deep Dive on Autonomous Vehicles</i>, was one of the core activities of this city pair. Boston and Lyon Metropole joined colleagues in Montreal to tri-host a Deep Dive (including roundtables and working sessions) on Autonomous Vehicles, given our three cities similar (but different) testing programs currently on-street. One of the technical visits to Lyon on <i>Imagine Boston 2030</i>, allowed the development of tools and methods for strong citizen participation, performance evaluation, data driven decision making tools for Lyon Metropole which supports the Métropole's strategic objectives and a live seminar for 100 Lyon Métropole agents.</p>
<p>Expected <u>results</u> and <u>benefits</u>:</p>	<p>Building knowledge on mobility data platforms and usage</p> <ul style="list-style-type: none"> - Strategic autonomous vehicle insight thanks to technical visits and joint speaking opportunities. - opportunity to host a scrum on autonomous vehicles with Harvard Kennedy School - Learning about the themes of social equity, resilience and youth being integrated into each project with the following cross-cutting issues – how to better support young people on this project? How to adopt an equity-focused approach? - The Boston 2030 seminar in Lyon gathered over 100 agents on citizen participation as a tool to build policy



- A seminar and follow up in Lyon with Boston experts was appreciated to understand how to collect, analyze, measure and provide insight to decision makers. Important insight was gained on data transparency and how to answer constituents' concerns
- Economic development opportunities for Lyon start-ups were facilitated thanks to the relationship
- Gaining an understanding from European experience has been constructive - for example, learning about electric assist bicycles as the only mode that has demonstrated shifting people away from single-occupancy vehicle car trips
- Similarly, learning about the metropole's regional structure and how each city relates to the overarching metropolitan bureaucracy was insightful
- Learning how the public and private sectors work together on EV charging infrastructure rollout, energy-positive building construction

For further information (including access to the full U-CAP), please **contact**:
IUC-NA: info@iuc-na.eu

