



Brief summary

The advent of autonomous electric vehicles in Quebec introduces a wide range of social issues. This roundtable brings together key stakeholders to address the social dimensions that are essential to consider for a responsible development of autonomous urban mobility in Quebec.

2 research projects were designed in order to meet current research needs



PROJECT I - Social acceptability of autonomous electric transportation

The use of autonomous electric transportation by citizens is closely related to the social acceptability of this technology within the population. This research project aims to gain a deeper understanding of the perceptions, needs and expectations of social actors regarding autonomous electric transportation. The knowledge developed will be mobilized to explore initiatives that can support the construction of the social acceptability of this mode of transport within various segments of Quebec's population.

PROJECT II - Impacts of autonomous electric transportation on urbanism and urban infrastructures

This research project aims to develop knowledge regarding transformations to be favored to optimize the integration of autonomous electric transportation in an urban environment. To do so, research activities will include :

1. An assessment of the impacts, risks and opportunities related to this technology for urban and infrastructure planning;
2. An extensive study of existing initiatives that integrate autonomous electric transport in urban planning;
3. Recommendations to support decision makers regarding the use and adaptation of urban lands and infrastructures.