In the near future cities will undergo significant transformations to address urgent social challenges such as population growth in "southern" areas, depopulation of rural areas, climate change and disruptive use of technology. These changes will affect the way people and goods travel and will require mobility solutions to be reimagined, being connected and automated and powered by zero/low-impact powertrains. This project aims to envision innovative solutions that will reshape urban mobility and create sustainable transport systems adaptable to the evolving needs of people within future cities.

Key objectives:
- Defining existing city archetypes: clustering and machine learning techniques to categorize cities based on dimensions, typologies, geographical position and cultural patterns.
- Adapting urban spaces to accommodate automated and connected transport: examining how these transformations can influence travel behaviours.
- Understanding the shifting mobility habits (if/then scenarios, car-pooling, compliance with existing sustainability policies).
- Identifying design challenges for meeting mobility needs: addressing the key product and functionality design challenge.

APPLICATION
- Challenges are worth 8 curricular or extra-curricular credits according to your degree programme.
- Look for "Challenge@PoliTO" in your institutional email and read the regulation carefully.
- SIGN UP NOW! Places are limited!
- For further information, contact clik@polito.it