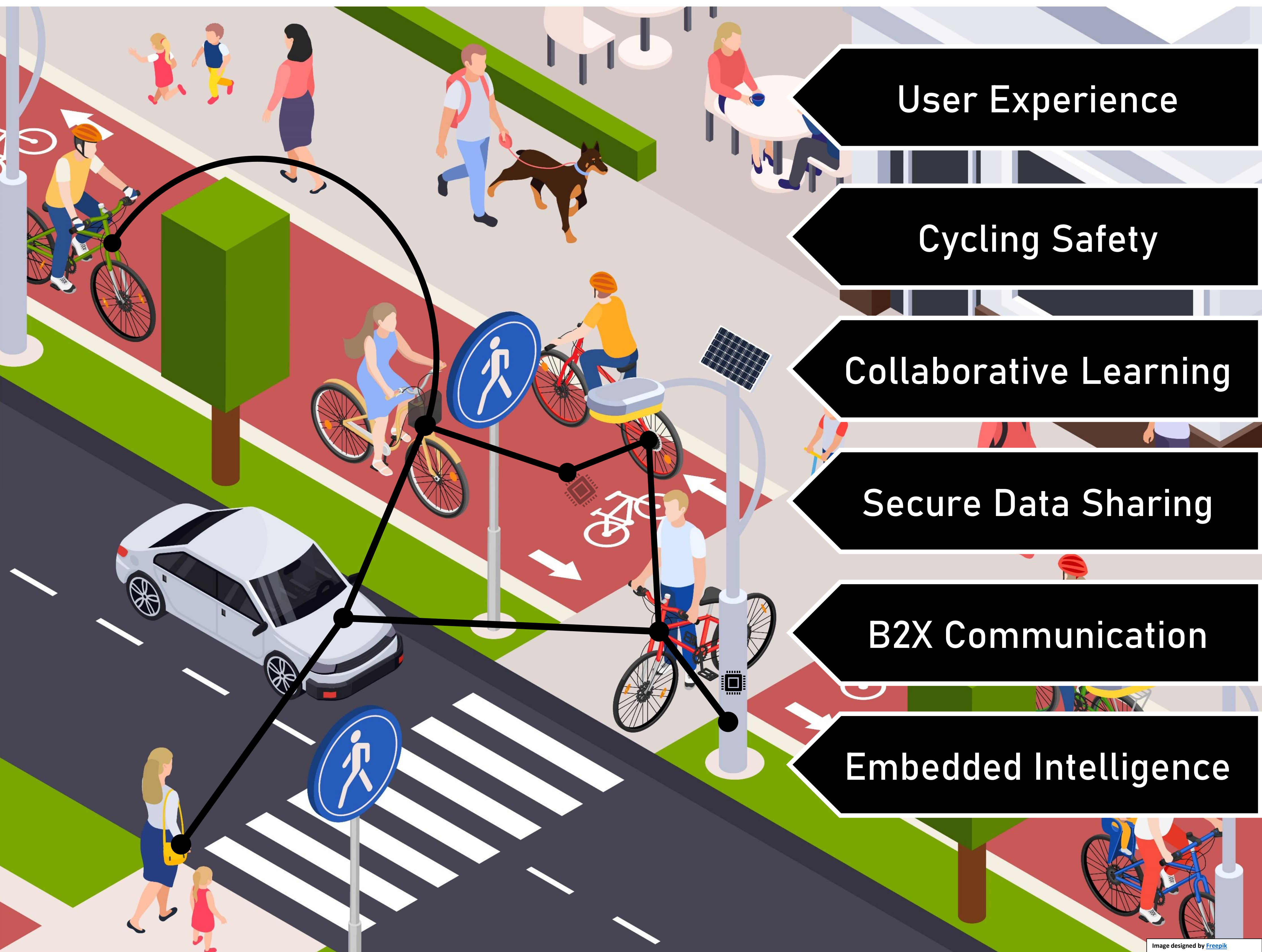




SMART CONNECTED BIKES

Towards safe, sustainable and accessible cycling



User Experience

Cycling Safety

Collaborative Learning

Secure Data Sharing

B2X Communication

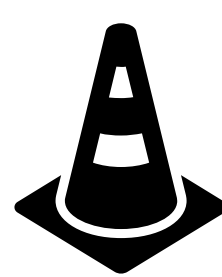
Embedded Intelligence



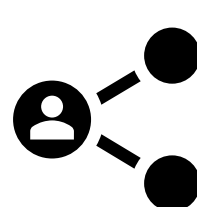
Understanding the cyclist's needs to design the way the bike interacts with the cyclist.



Studying and optimizing experiences using bio-signals and empathetic user research.



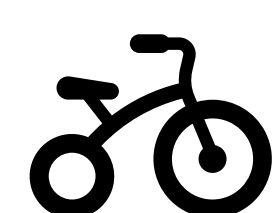
Evaluating user acceptance and traffic safety impact of new technologies on bikes.



Gaining high-level insights from multiple data sources in a secure, collaborative and privacy-protected manner.



Enabling wireless communication for smart bikes to communicate with other road users and infrastructure.



Gaining local intelligence and control using on-board sensors, processors and actuators.