

# **E-TOWN** DEVELOPMENT OF SUPER-LIGHT LONG-RANGE SMALL ELECTRIC VEHICLES FOR INTERGENERATIONAL URBAN E-MOBILITY CONCEPTS POWERED BY SMART INFRASTRUCTURE



MINISTRY OF EDUCATION  
YOUTH AND SPORTS



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**PROJECT**  
INTER-EXCELLENCE, INTER-EUREKA

**PROJECT NUMBER**  
LTE220001

**DURATION:**  
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The main motto of the project is research, analysis and design of the most efficient and comprehensive concept of urban e-mobility based on small light passenger e-vehicles with the aim to bring a qualitatively new level in terms of design and parameters of vehicles themselves as well as in terms of their operation, charging and management. The partners will develop a fully electric small vehicle as prototype types (micro-transporter, e-scooter), a small electric vehicles hub as the basis of an intelligent support infrastructure ensuring the unification of interfaces for the mechanical and electrical connection of small e-vehicles of different manufacturers. Partners will also develop an e-scooter and e-wheel tester that will allow objective testing of the e-vehicle range to verify e-vehicle properties prior to purchase of big number of e-vehicles and to verify e-vehicles properties during battery aging during operation.



**PARTNERS:**



Technical University of Ostrava  
17. listopadu 2172/15  
708 00 Ostrava – Poruba  
info.cbe@vsb.cz  
instagram.com/kkbi.vsb.cz  
facebook.com/kkbi.vsb.cz

