

# Contact

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## Partners:



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VSB TECHNICAL  
UNIVERSITY  
OF OSTRAVA

FACULTY OF ELECTRICAL  
ENGINEERING AND COMPUTER  
SCIENCE

DEPARTMENT OF CYBERNETICS  
AND BIOMEDICAL ENGINEERING



**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



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.

**SUPPORTED BY**  
MINISTRY OF EDUCATION YOUTH AND SPORTS

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

**PROJECT NUMBER:**  
LTE220001

Duration:  
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