



Universal charging infrastructure for e-bikes

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Introduction

KU Leuven, together with 24 industry partners, launched a proposal for a national SME collective research program to develop universal charging infrastructure for e-bikes to implement in two-wheeler fleets. The national research consortium is looking to be extended with one or more international groups in a ERA-NET/CORNET project (<https://www.cornet.online/calls-for-proposals/current-calls/>)

Aim

Overview of existing charging systems, development of a universal charging system, development of a smartgrid module for e-bike chargers, test set-up for wireless charging,...

Expected deliverables

- Universal charging system for e-bike batteries
- A demonstration of bicycle lockers with integrated chargers
- A demonstration of smartgrid applications with electric two-wheeler chargers
- A demonstration of the possibilities of wireless charging for e-bikes

Required partners

SMEs, research organisation in the field of electric two-wheelers to join the Belgian consortium of 24 industry partners (Achilles Design, Arcelor Mittal, AVERE, Bebat, Bike&Co, Binamics, Bizbike, Colruyt, ENGIE Cofely, eNovates, Fietersbond, Flanders Bike Valley, Inverto, Living Tomorrow NV, Locaventure NV, Niko, O2O, Peternet, Siemens, Traxio, The New Drive, VAB, Tecnolec, Volvo Group Belgium NV)

More information / Website

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