



Be.e biobased e-scooter



- Circular Business model
- Sustainable material use: NPSP Nabasco
- Resource Management
- Encourage e-mobility use in EU through an innovative market approach.

- The Be.e is offered under subscription
- Users pay a monthly fee for KM-plan
- Van.eko stays owner over the whole lifecycle.



Project Outline

LEV drivetrain development:

- Motor: Weight reduction,
- Batteries: Cost and weight reduction,
CanBus interface for monitoring
- Control unit with integrated charging
- GPS positioning (passive)
- Mobile telemetry Communication



Partners

- Battery supplier/developer (SAFT?, or others)
- Communication and power Electronics developer/manufacturer
- Drive train developers/manufacturer

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Other issues

- Core development strategy and Ideology:
 - Sustainability and Circular Resources first
 - Long lifetime of components: >10years, >80.000km
 - Price effective: full drive train, including batteries, motor, controller and charger @ €2500,-