

Environmental Assessment

Potential environmental impact of 2nd life batteries

M. Stöhr, B.A.U.M. Consult Frederic Malefant, Renault - Nissan



Use of battery storage systems in stationary applications

Store electricity from renewable sources otherwise partially lost (e.g. in Germany)

Allow for higher overall renewable electricity generation

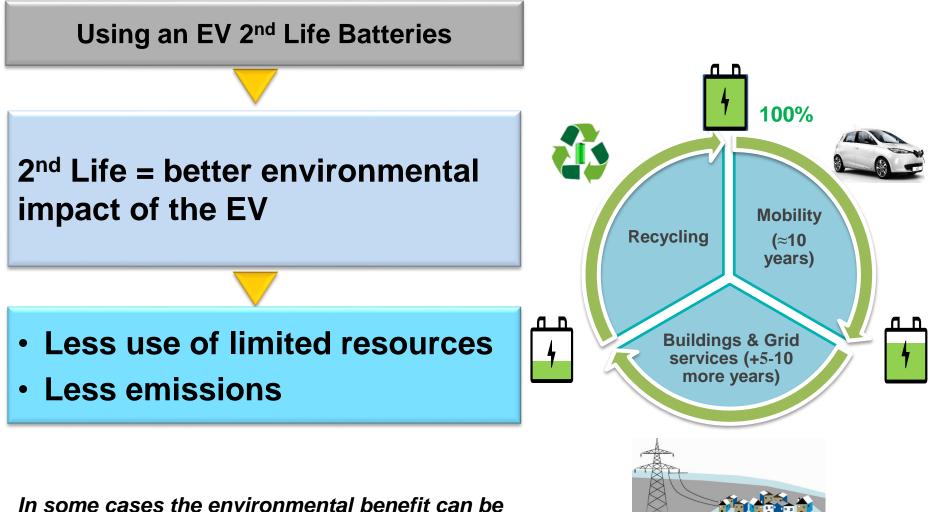
Provide primary operation reserve Reducing temporary re-dispatch of generation from fossil plant

- Less non-renewable
 resources consumed
- Less emissions in most cases

 Conventional power plants can operate more constantly and more efficiently...







higher if the car battery is not dismantled

3