



DEFACTO

Battery DEsign and manuFACTuring Optimization through multiphysic modelling

To develop a multiphysic and multiscale modelling tool to improve the understanding of cell material behaviour and cell manufacturing process and to reduce the time and economic resources for the market uptake of cell innovations.

IMPACTS



The project will ensure maximum accuracy in cell modeling at reasonable computing costs

-30%

Development time and cost for battery cell



DEFACTO is expected to lower the number of experiments dedicated for cell design and cell manufacturing optimization.

-20%

Battery R&I cost



The project will extend the battery lifetime and reduce the environmental impacts caused per battery produced.

PARTNERS



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DEFACTO Project

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