

twinBATT CLUSTER

FACTSHEET

1

DIGITAL-PHYSICAL INTEGRATION

All projects combine advanced digital tools and physical testing, reducing costs and accelerating development.

2

DIGITAL TWIN TECHNOLOGY

They employ simulation and modelling to predict battery behaviour, cutting down on prototypes and improving accuracy and safety.

3

FRONT-LOADING & VALIDATION

Each project strengthens early-stage validation and verification, ensuring safer and more reliable battery systems.

4

STANDARDISATION & MODULARITY

The cluster promotes modular, scalable battery designs and shared methodologies that foster EU-wide standardisation.

5

COLLABORATION & IMPACT

By clustering under TwinBATT, the projects boost joint dissemination, outreach, and European visibility, contributing to the Batt4EU Partnership goals.



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UK Research
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AccCellBaT ACB

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FASTEST

THOR

GA N° 101103708

GA N° 101103997

GA N° 101103755 and 10078013

GA N° 101103628