Annick Hubin

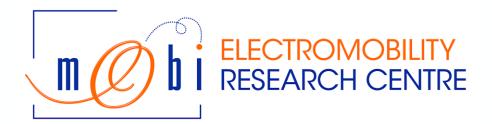
annick.hubin@vub.be

Maitane Berecibar

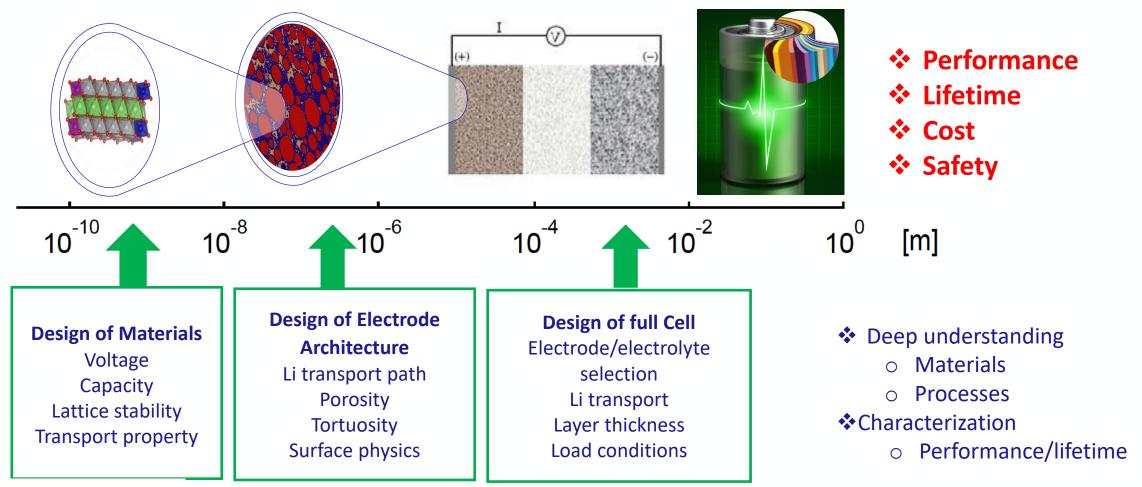
maitane.berecibar@vub.be







Material Research: Al-accelerated Multiscale Modeling



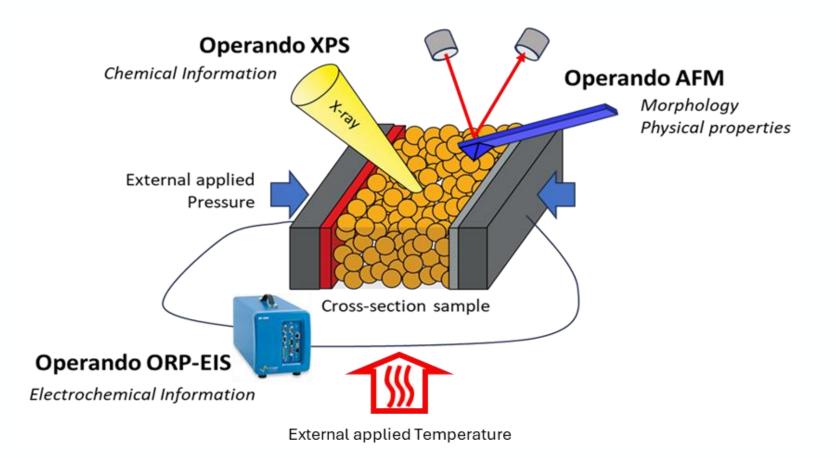




Material Research: Operando and in-situ Characterization

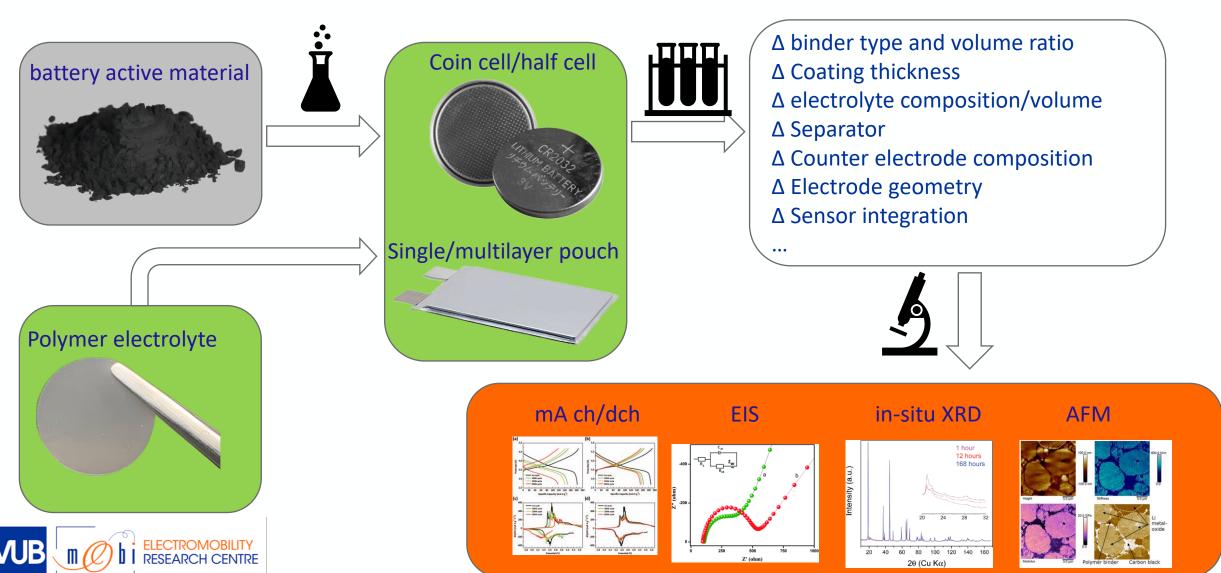
during battery cycling in real operative conditions

- Morphological
- Physical
- Chemical
- Electrochemical





Material research – Battery prototyping



Material research – modeling development

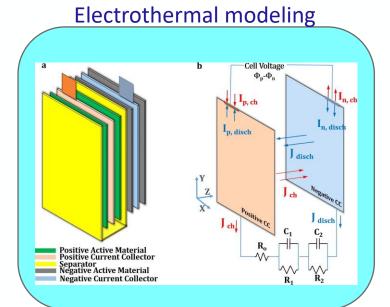
P2D
Negative Electrode
Separator
Positive Electrode
Separator
Positive Electrode

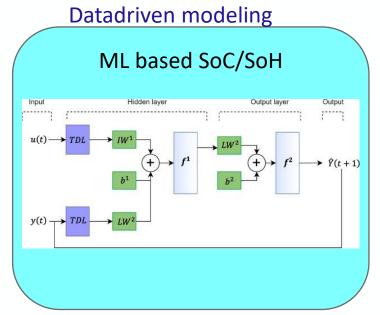
Telectrolyte

Lectrolyte

Archan x=Lp

Solid-Electrolyte Interface





LCA novel materials

