

TowaRd All solid State battEry in 2024 : RAISE 2024

HUB Solid State Batteries



E2S UPPA / SAFT / ARKEMA

15/06/2019 - 15/06/2024

Challenge of the project :

Develop an **Advanced battery systems** based on **solid electrolytes** *new field* in the *rechargeable battery domain* (**safety, high energy density, no self-discharge, a long stability/cycle life, easily scalable, low cost** are targeted)

In 5 years : propose a prototype system in operational environment Technology Readiness Level (TRL) = 6

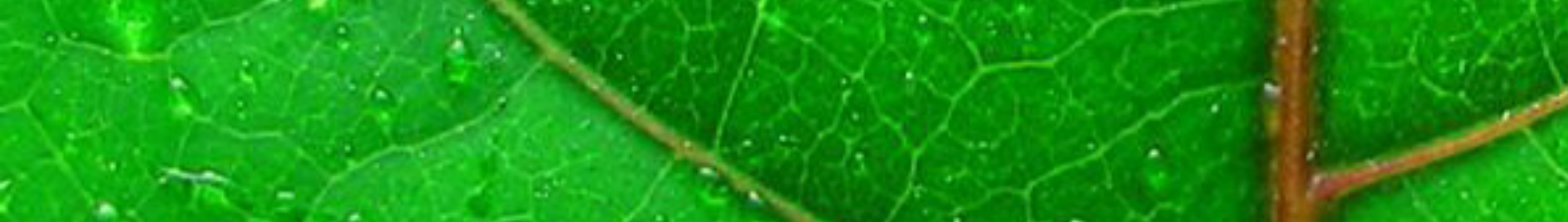


Partenaires:



ARKEMA





D-MEX (UMS 3360)

Coordinateur principal, laboratoire

H. Martinez, Professor in Chemical-Physics and Material Science at UPPA
Deputy Director Research & Innovation STEE faculty
Coordinator RAISE 2024

Applicants leaders :

- Hervé Martinez
- Philippe Carbonnière
- Rémi Dedryvère
- Delphine Flahaut
- Léniaïc Madec
- Laurent Rubatat

Applicants partners :

- Joachim Allouche
- Louis de Fontenelle
- Jean Gourdou
- Peter Moonen
- Michel Rérat
- Patrice Bordat
- Yann Tison

Engineering support :

- Cécile Courrèges
- Dominique Foix
- Aurélie Launay
- Jean-Bernard Ledeuil