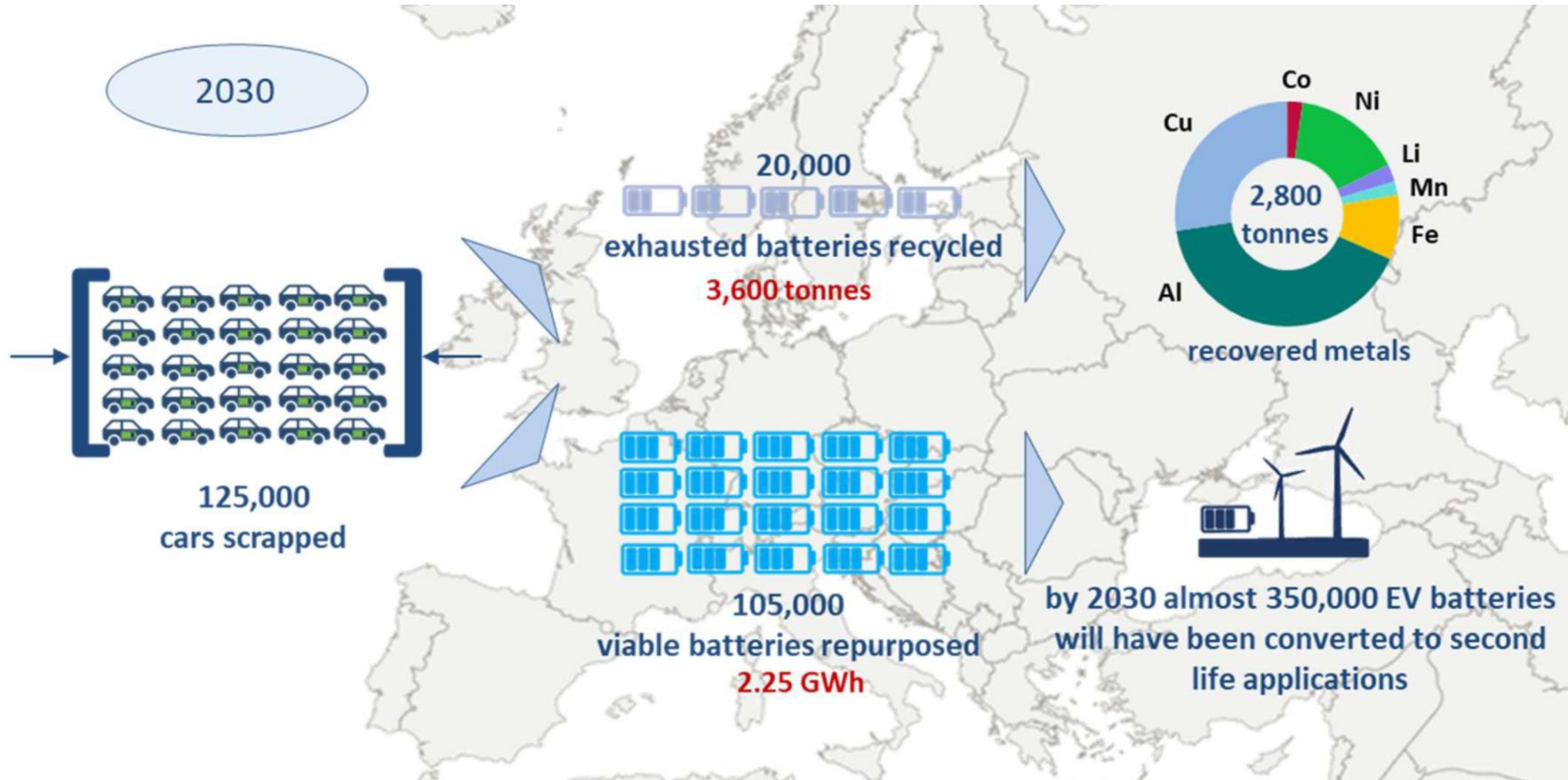


VSI team

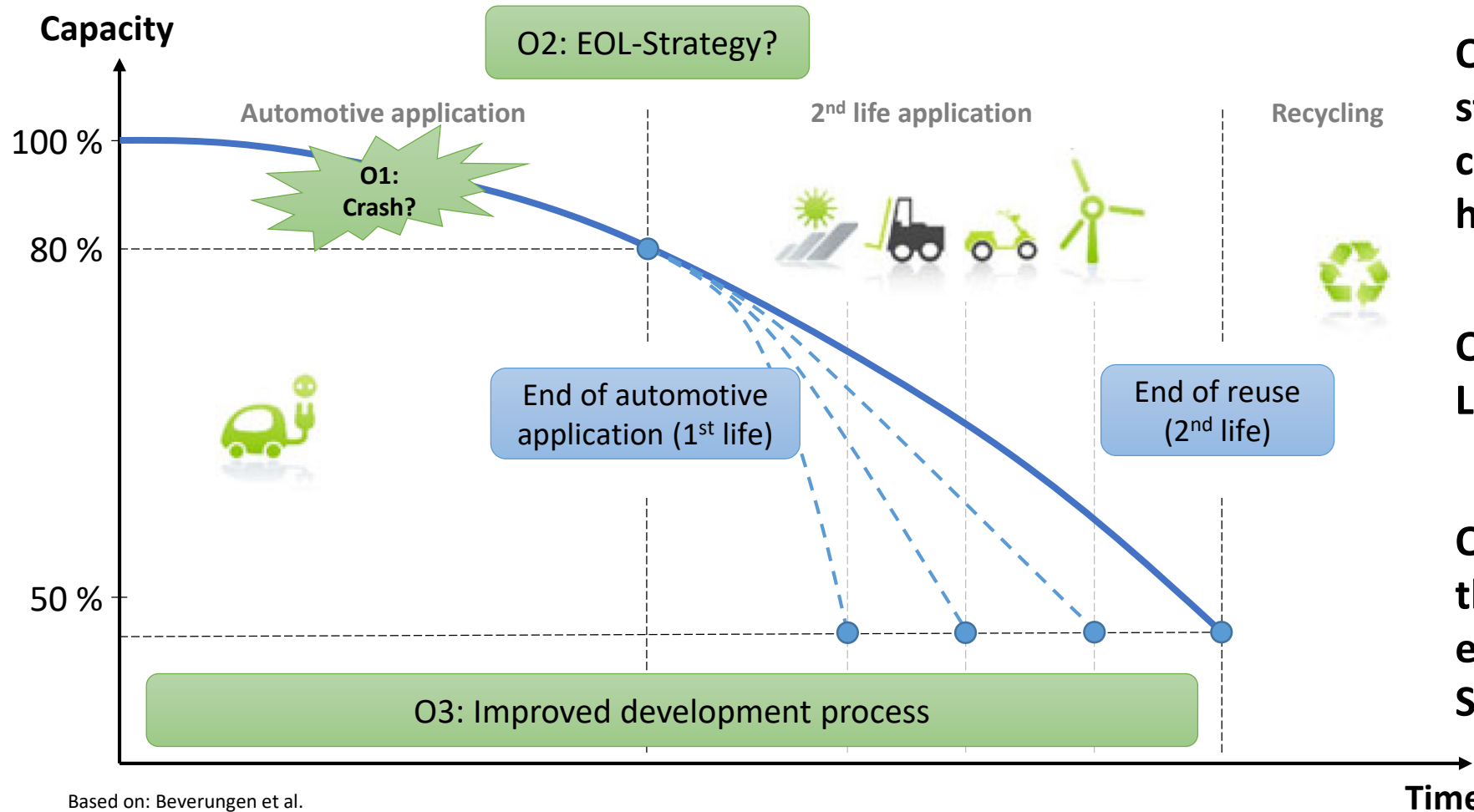


SafeLIB - Overview



- **Leader of consortium:**
Vehicle Safety Institute –
Graz University of Technology
- **Consortium:**
 - 4 scientific partner
 - 9 industrial partner
(5 from Austria and 4 from Germany)
- **Official Start:** 01.04.2021
- **Duration:** 4 years
- **Total budget:** 6 Mio Euro



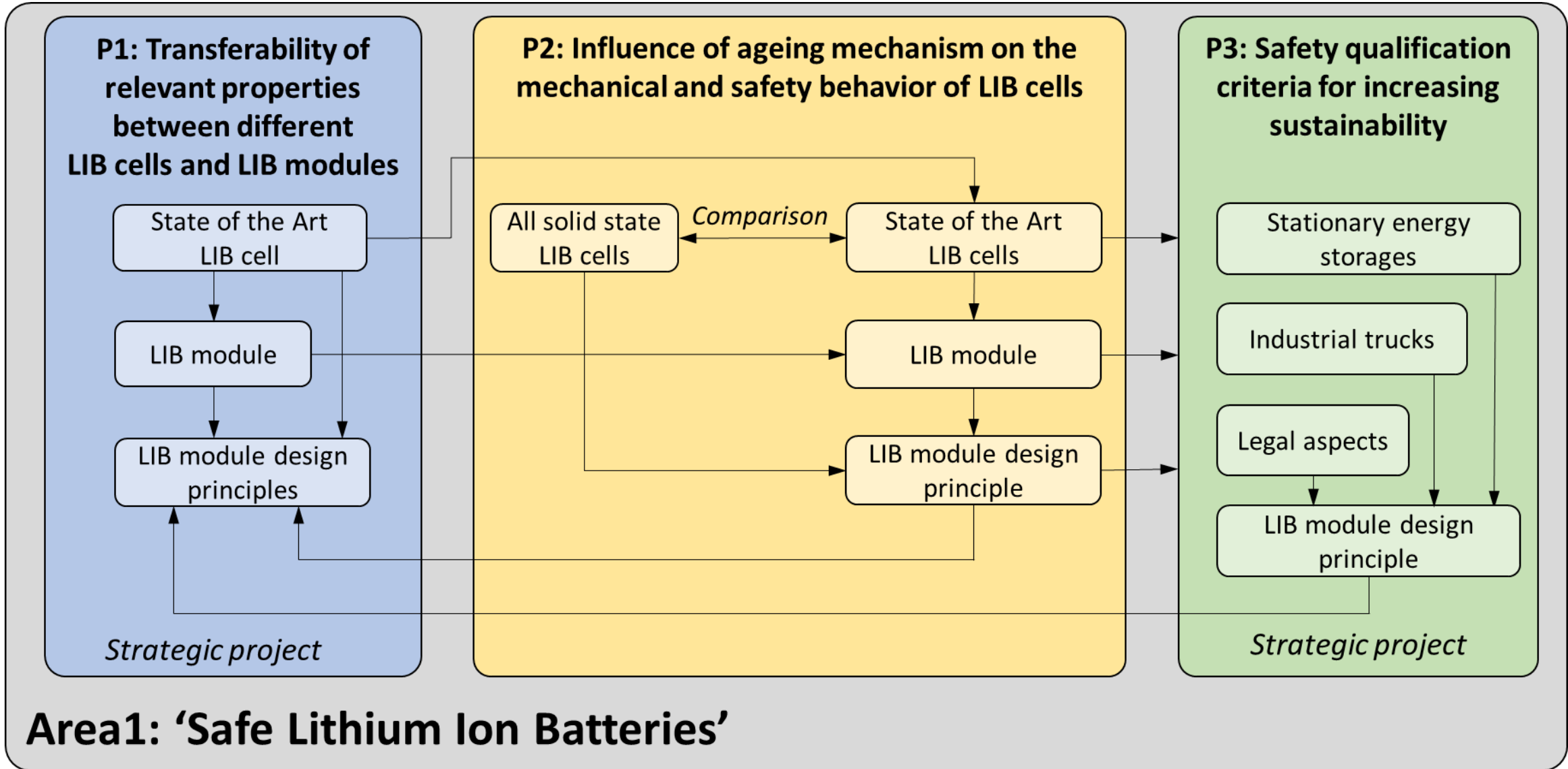


O1: Assessment of the safety status of automotive LIB in a crash, considering the product history ("First Life")

O2: Qualification of (automotive) LIB for "Second Life"

O3: Improved battery design in the development process for the entire product life ("First and Second Life")

Based on: Beverungen et al.





AGING



CONDITIONING

BATTERY-CONCEPT

*BEYOND STATE-OF-THE-ART
test bench technology*



BATTERY SAFETY CENTER GRAZ

■ **VALIDATION**
■ **VERIFICATION**



DISASSEMBLING

MECHANICAL ABUSING
■ **QUASISTATIC**
■ **DYNAMIC**



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Partners



Das COMET-Projekt SafeLIB wird im Rahmen von COMET – Competence Centers for Excellent Technologies durch BMK, BMDW, das Land Oberösterreich, das Land Steiermark sowie die SFG gefördert. Das Programm COMET wird durch die FFG abgewickelt.

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