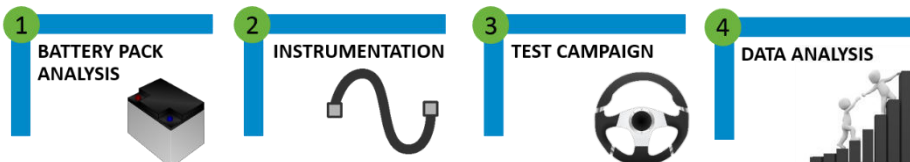




ELECTRIC AND HYBRID VEHICLE INSTRUMENTATION & ANALYSIS



- ☐ High voltage instrumentation
- ☐ Reverse Engineering
- ☐ Benchs and road tests
- ☐ Energy analysis



BATTERY PACK ANALYSIS

- ✓ Complete **disassembly** for exhibit
- ✓ **Reverse engineering** (component scanning, sub system analysis)
- ✓ Report with classification and technical diagrams

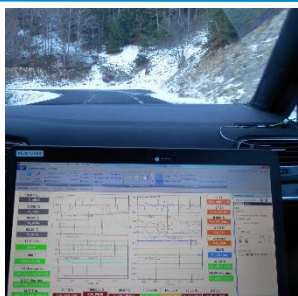
INSTRUMENTATION

- ✓ **Multi-physics** instrumentation (mechanical and electrical up to 1 MHz)
- ✓ Complete **mapping** of electric systems
- ✓ Deep and high performing instrumentation



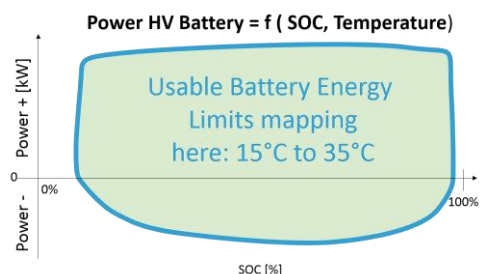
TEST CAMPAIGN

- ✓ Road tests (City – highway – Mountain – Intercity) under **all electric modes**
- ✓ **Road tests replayed**, "N" time if needed, on bench for detailed analysis
- ✓ Electrical energy management under **extreme conditions** (-30°C ; +45°C)



DATA ANALYSIS

- ✓ **Energy analysis** (electrical, mechanical and thermal)
- ✓ **Smart data management** : meta data cross selection
- ✓ Analysis of the vehicle behavior under **various operating conditions**



Feel free to visit our website www.greenmot.com and [contact us](#) for further information.

Applications

Performance – Emission – Combined load & climatic - Automatic testing
Energy flow mapping– Engine mapping – Vehicle application – Traction control