Final Event
24-25th of May 2022
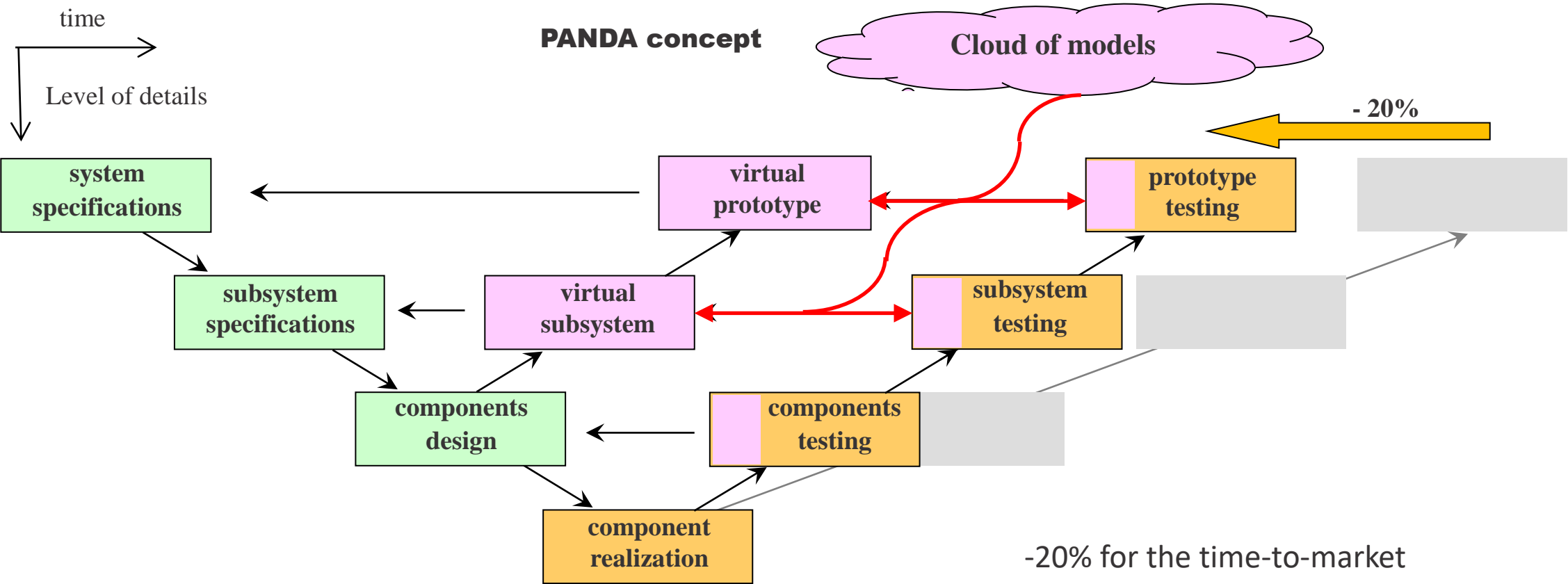
Closing session

PANDA summary
3.5 years in 5 minutes!

Alain Bouscayrol
ULille

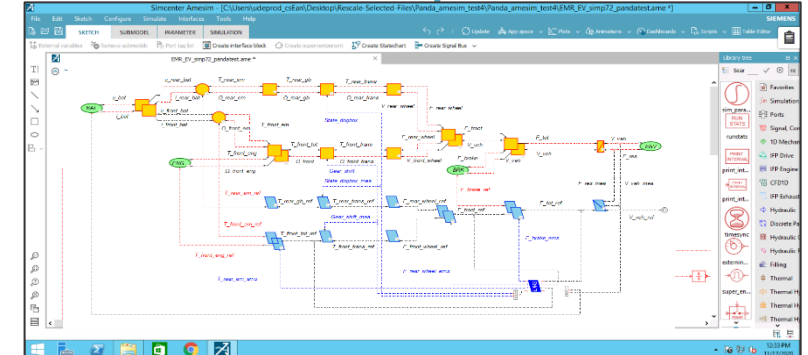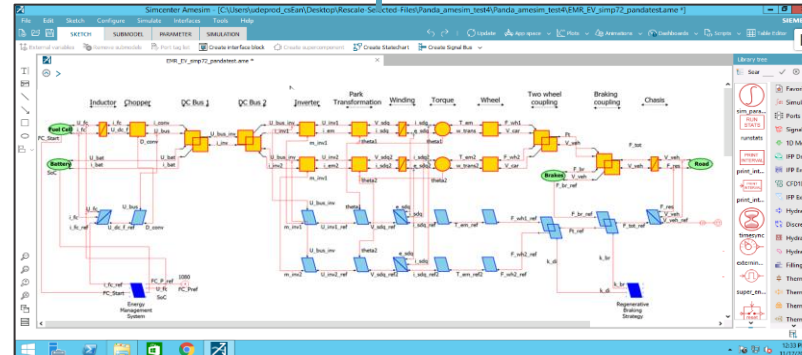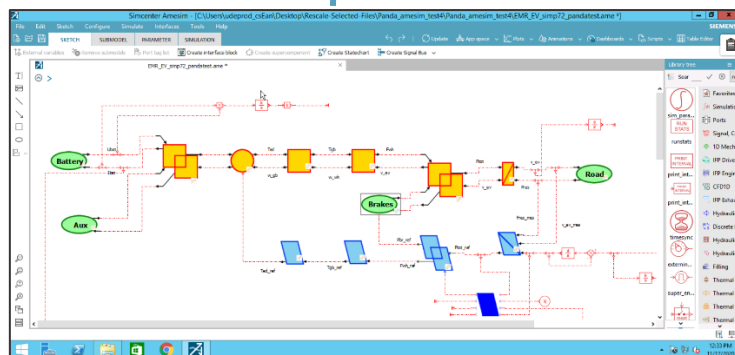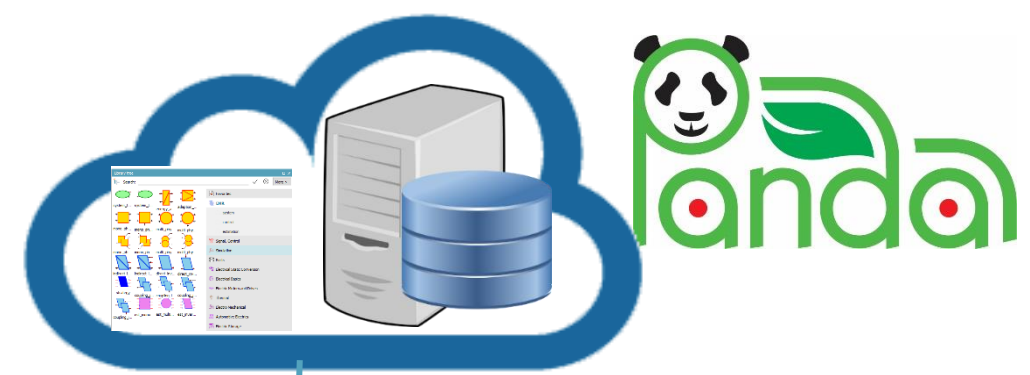**www.project-panda.eu**

PANDA objective

Disruptive and **open access model organization** in the development process for fast and efficient development of innovative EVs

-20% for the time-to-market

Disruptive simulation of xEVS

- Function organization based on EMR formalism
- Cloud of multi-level model for collective work

BEV (Renault Zoe)
Accuracy 97%

FCV (Mobipost)
Accuracy 95%

P-HEV (Valeo Demo Car)
Accuracy 97%

PANDA - GA 824256

Real testing of components of xEVs

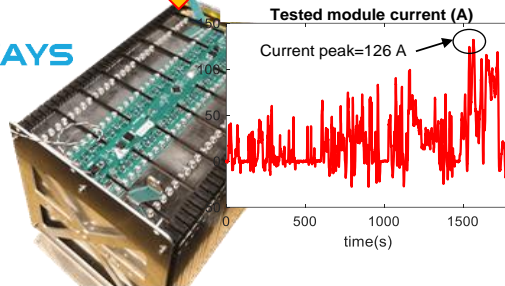- Stand-alone HIL testing
- **Cloud-based HIL testing**

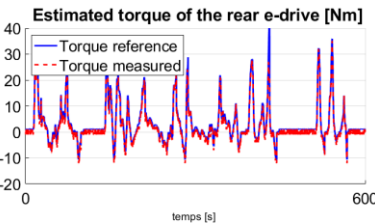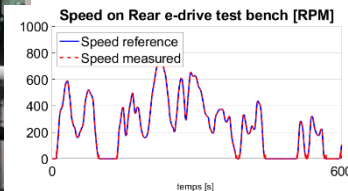Real-time simulator

HIL testing the battery

HIL testing the e-drive

HIL testing the e-subsystem

Expected impacts from the 2020 call

- **Reduction of the lead-time & time-to-market by -20%**
  - PANDA demonstrates a potential gain up to 25% in lead-time

- **Multi-power platform with increase of complexity**
  - PANDA develops common models for BEV, FCV and P-HEV

- **Accelerated uptake of innovation**
  - PANDA develops black-box model to test innovative components while preserving IP

- **Supporting circular economy**
  - PANDA integrates LCA indicators in some components

- **Improve integration of suppliers, SMEs and research**
  - PANDA inititates a new spin-off for helping companies to adopt the method

Great success is always a team work!

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