Final Event
24-25th of May 2022

Evaluation Grouo

Introduction
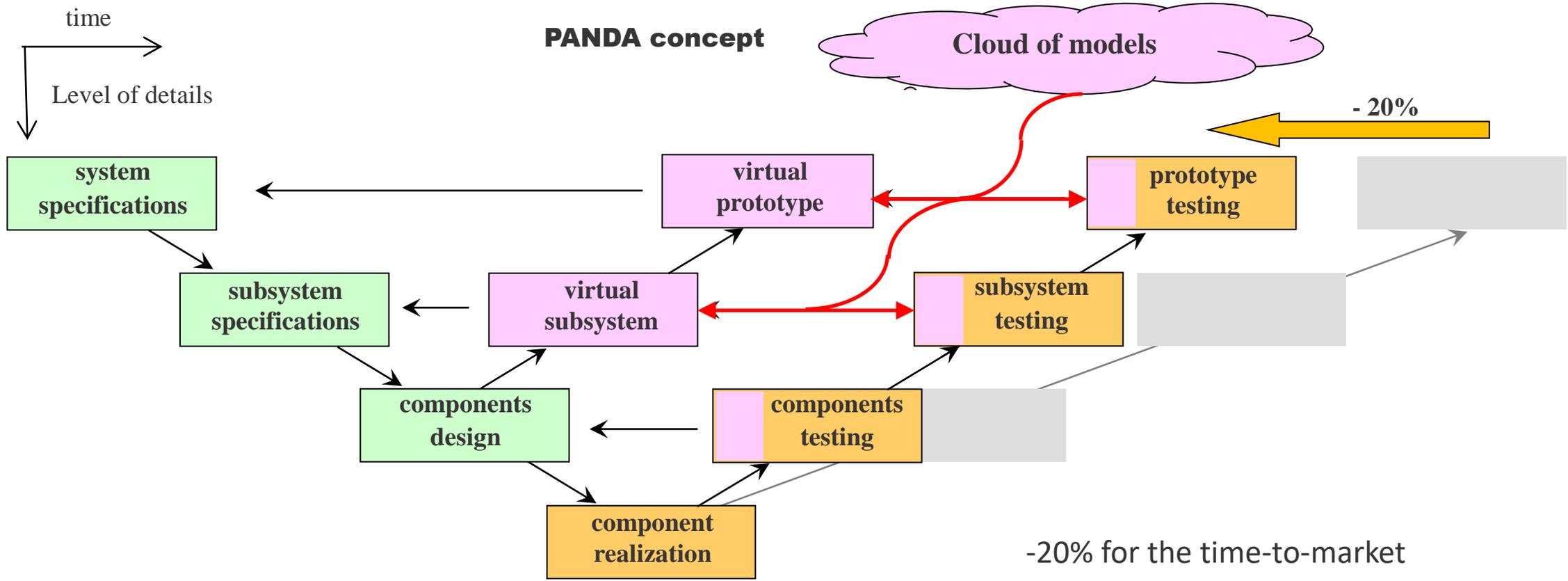
Alain Bouscayrol

ULille

Université de Lille

PANDA objective

demonstration of interest of other stakeholders?
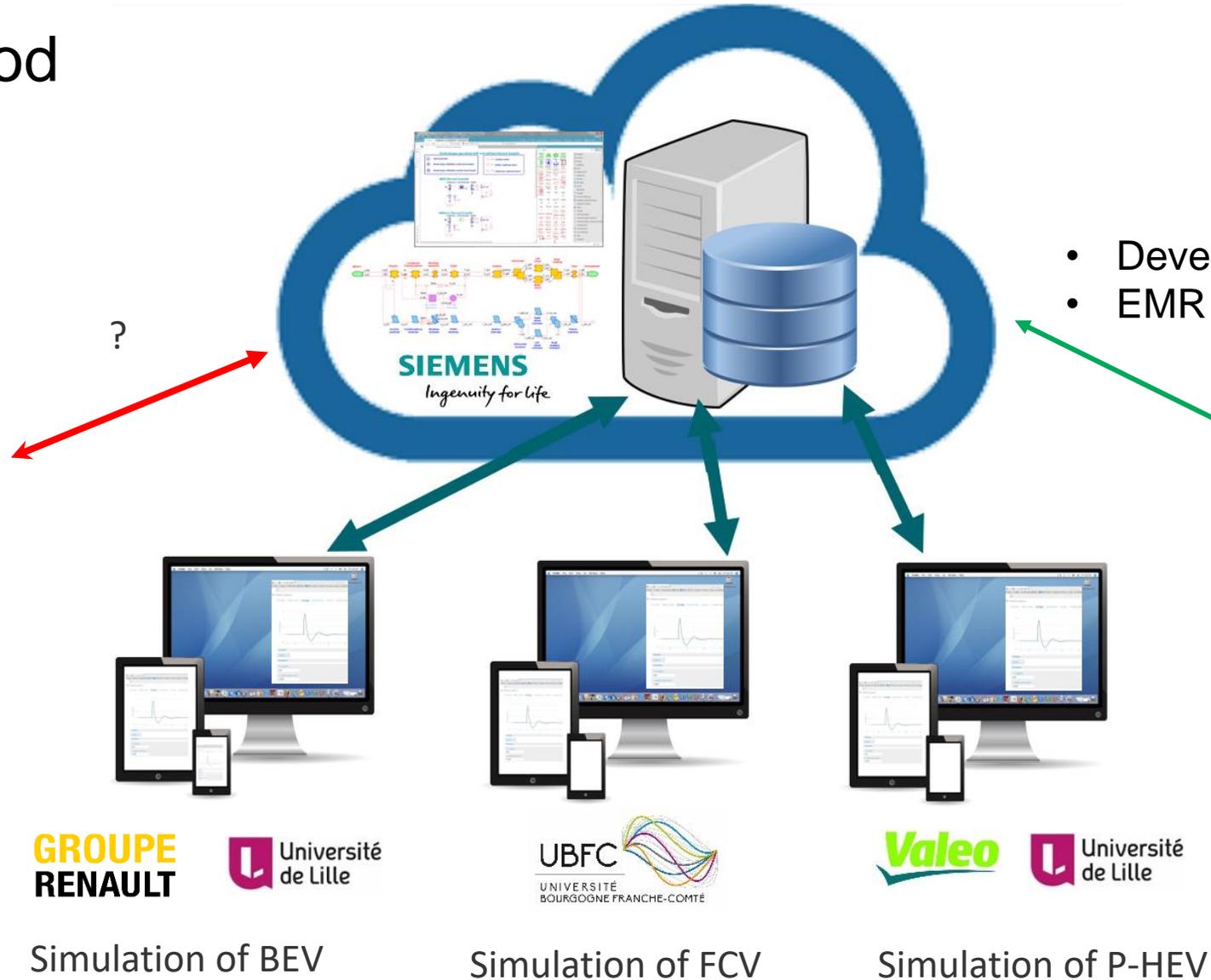
Disruptive and **open access model organization** in the development process for fast and efficient development of Innovative EVs

time

Level of details

PANDA concept

Cloud of models

- 20%

system specifications

virtual prototype

prototype testing

subsystem specifications

virtual subsystem

subsystem testing

components design

components testing

component realization

-20% for the time-to-market

Open Method

Other External Partners

i.e. Evaluation Group (no H2020 Funding)

?

SIEMENS
Ingenuity for life

- Development of models
- EMR organisation of models

SIEMENS *Ingenuity for life* | VUB VRIJE UNIVERSITEIT BRUSSEL
UNIVERSITATEA TEHNICĂ | BLUWAYS
Valeo | Université de Lille
UBFC UNIVERSITÉ BOURGOGNE FRANCHE-COMTÉ | TÜV SÜD
RENAULT Passion for life

GROUPE RENAULT   Université de Lille

Simulation of BEV

UBFC UNIVERSITÉ BOURGOGNE FRANCHE-COMTÉ

Simulation of FCV

Valeo   Université de Lille

Simulation of P-HEV

Interests of extending the consortium

Interest for PANDA

- Verification of some concepts (e.g. black box model)

- Extension of the use cases (e.g. a hybrid locomotive)

- Dissemination of the method and tools

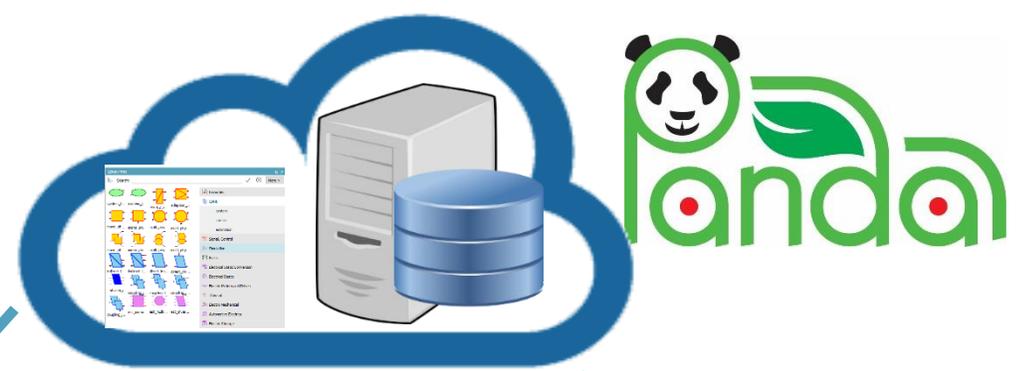- Application to other software (e.g. Matlab-Simulink)

Interest for evaluation group

- Test of the developed methodology

- Connexion with a H2020 project

- Improve their own developments on EVs

Limitation for PANDA

- Keep the IP of members

- Secure the PANDA philosophy and consortium

- Require an added value (no overlap)

Evaluation Group members

signed agreements

EV charging station

retrofit gas-electric ship

new automatic subway

Hydrogen train

new electric locomotive

Thanks for your attention!

www.project-panda.eu