



PAOLO PERANI – ELECTRIFYING THE FUTURE WITH SMART INFRASTRUCTURE

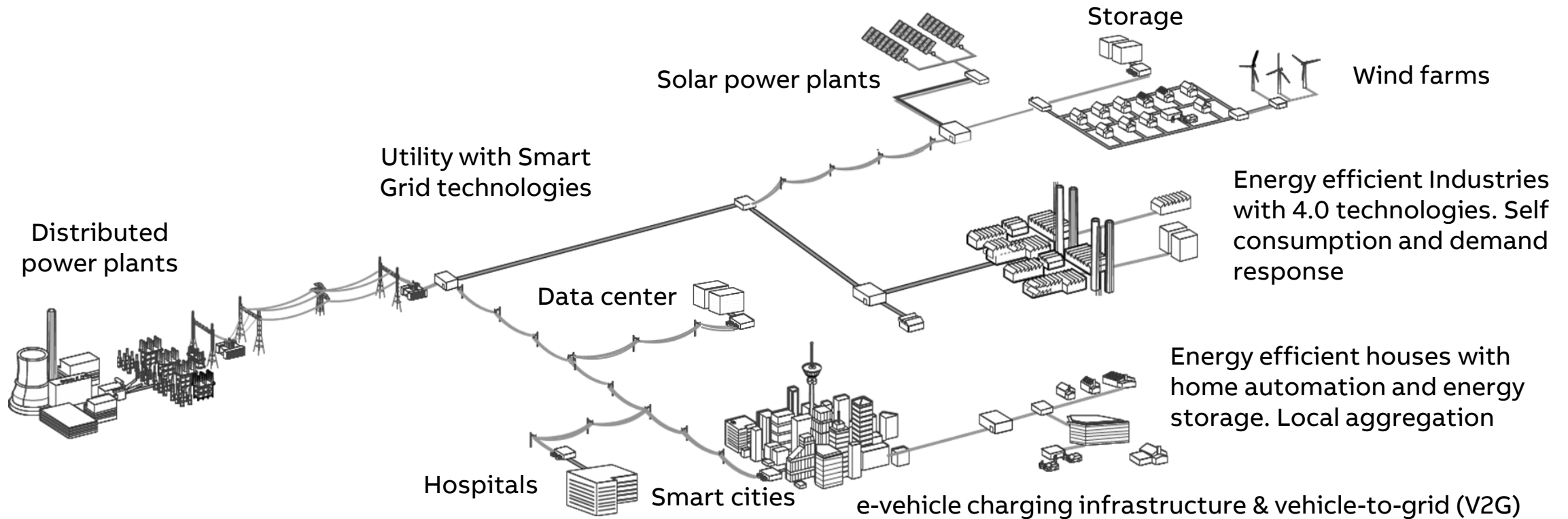
Dalmine factory tour

Experience how we design, build and use our smart technologies

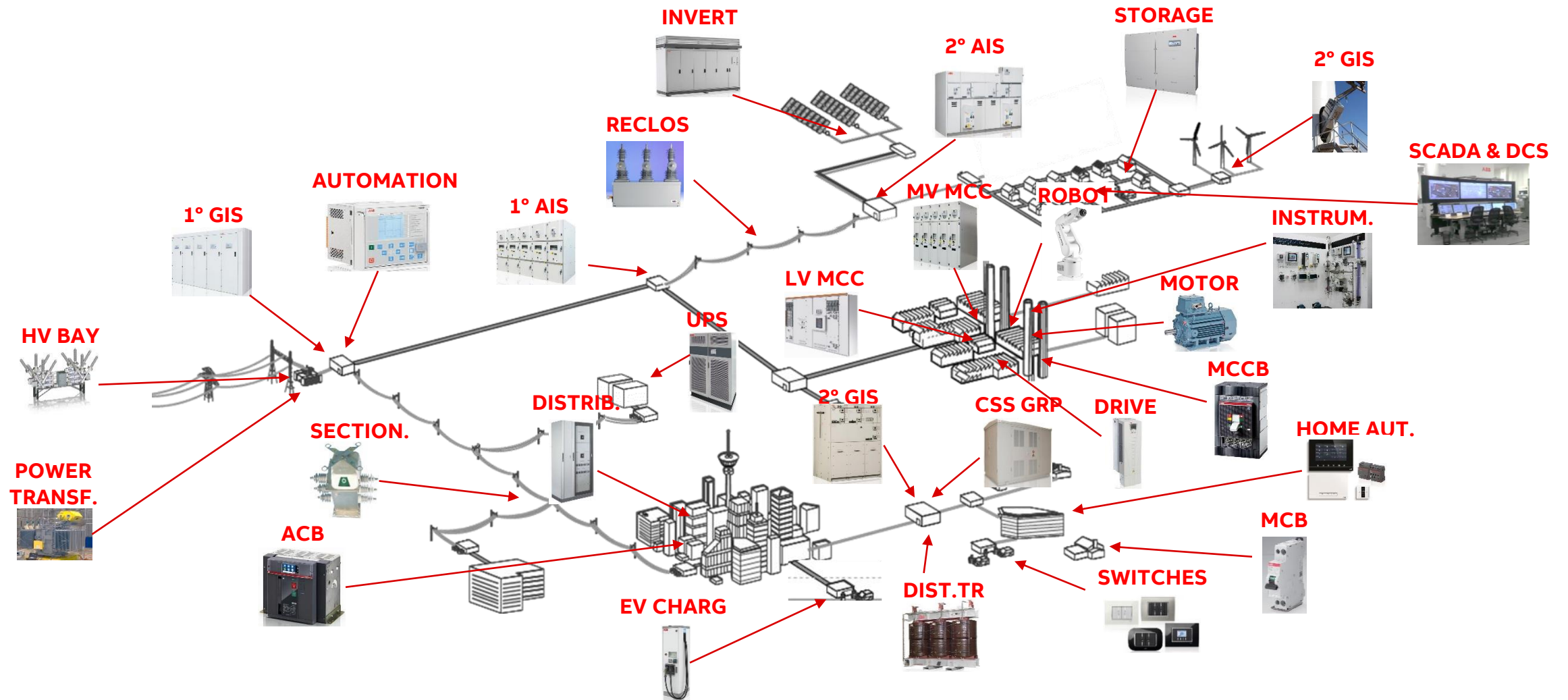


Electrifying the future with smart infrastructure

A smart energy system



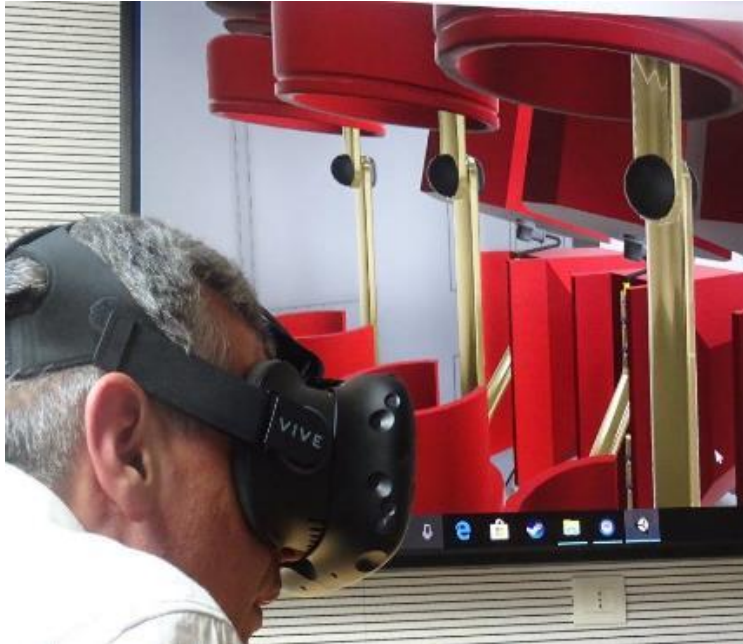
Smart infrastructure needs smart devices



Smart devices need innovative design technology

Virtual and Augmented reality

Virtual reality for medium voltage operator training



Operators working on site to install our switchgear are trained in virtual reality, and they can simulate installation and testing procedures without being exposed to the live voltage. A giant leap in safety.

Augmented reality assembling instruction with Hololens



ABB worker wearing Hololens will look at the equipment during assembly. The system will identify the QR code and will automatically propose the next assembly stage.

Smart devices need a smart factory

Robot applications



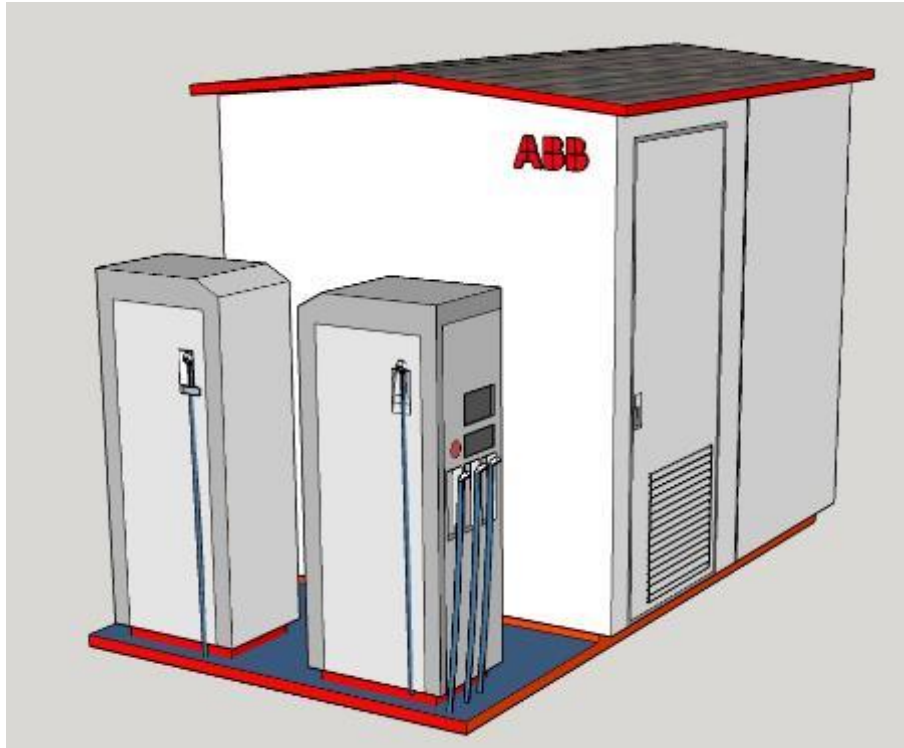
ABB robot YuMi with Artificial Intelligence application that allows the robot to be operate via gesture

Smart Lab, the demo center for Smart Infrastructure



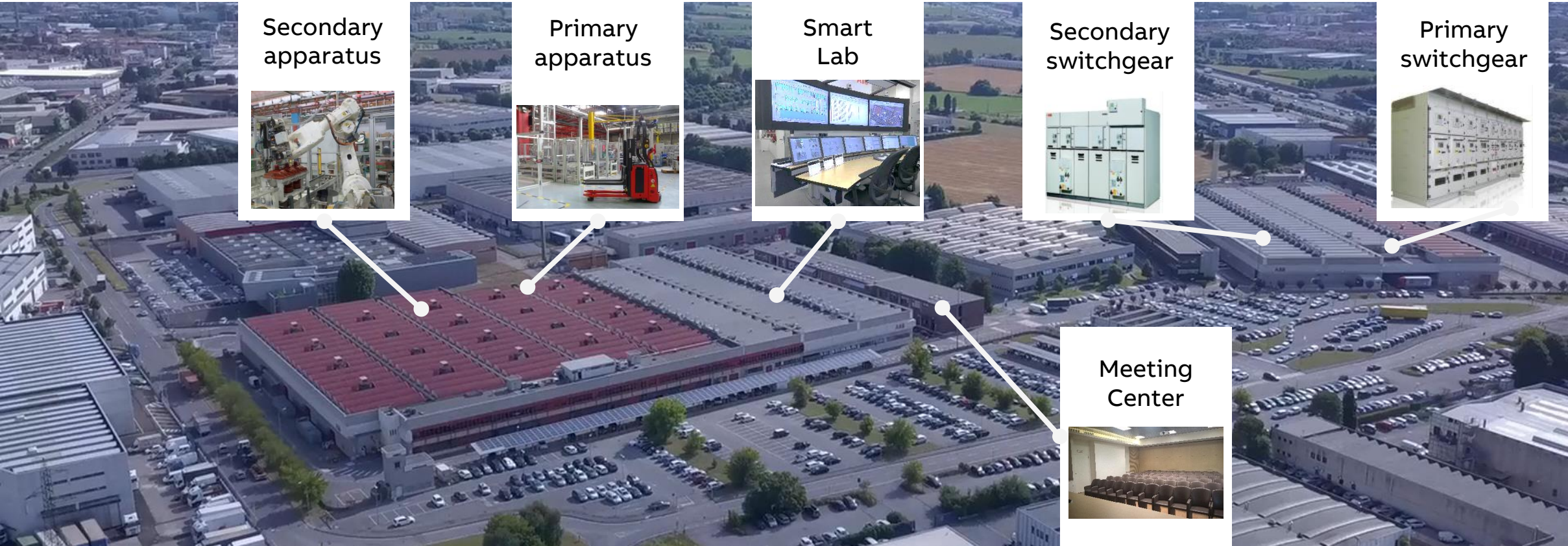
To electrify the future we can start with eMobility

Electric vehicle charging infrastructure



- ABB offers a total solution reliable charging stations with robust connectivity. Prefabricated CSS (Compact Secondary Substations) mounted on skid ready to install, complete with DC/AC fast chargers.
- ABB Ability™ connected chargers enable fast global service and pro-active maintenance.

ABB Dalmine factory tour



ABB