



GIORNATA AIRI PER L'INNOVAZIONE INDUSTRIALE 2017

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DIGITAL TRAFORMATION

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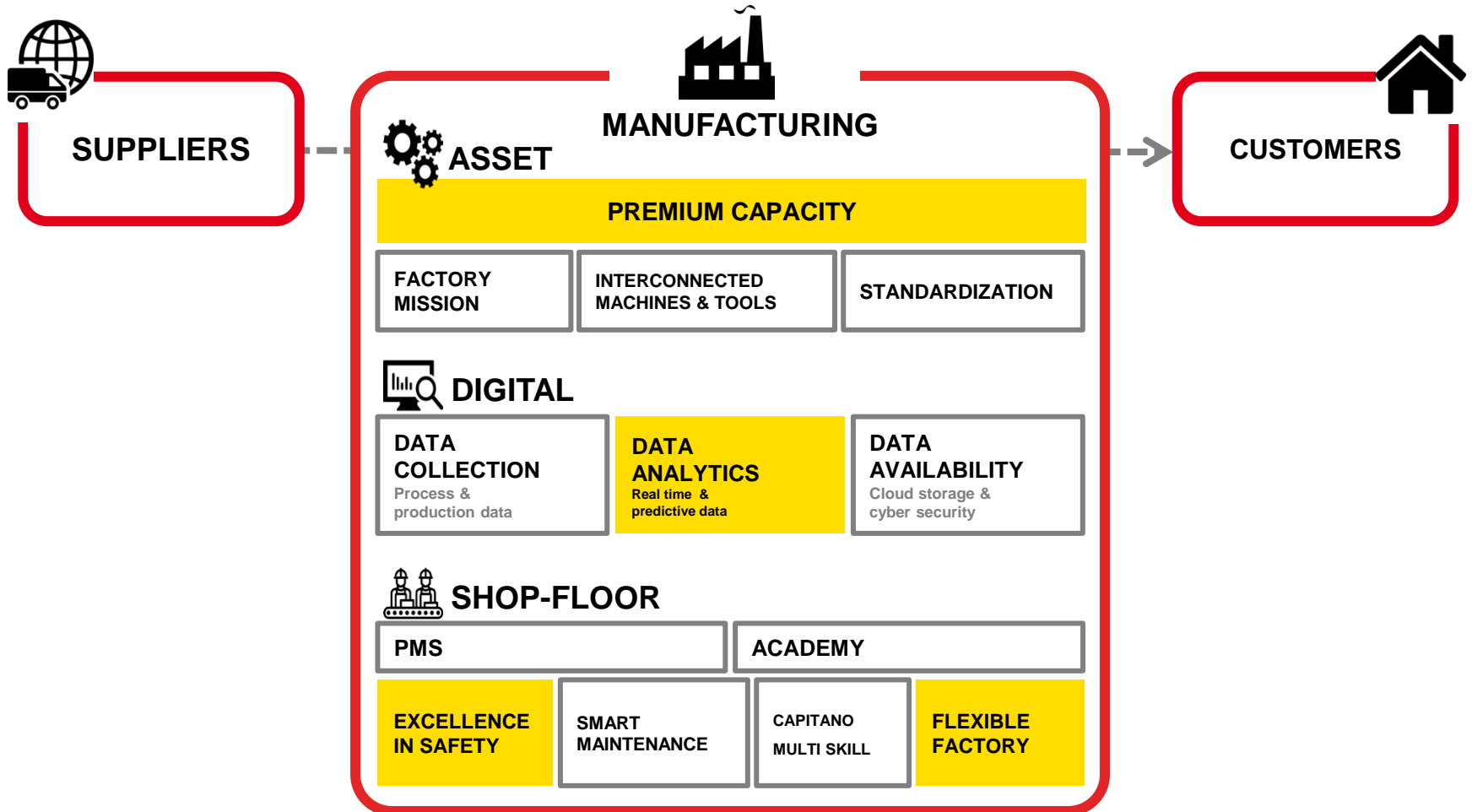
FROM 2015 PROJECT AUTOMATIC VISUAL CONTROL

Key points:

- Quality
- Smart manufacturing & Industry 4.0
- Computer Vision
- Speed & Automation



THE SMART FACTORY



DIGITAL TRANSFORMATION



PLANNING	Stock accuracy	Automatic scanning	Automatic transport
OPERATION	Guide Solution	Remote Maintenance	Predictive maintenance
QUALITY	Data gathering	Feed-Back & Self Calibration	Advanced process control
PRODUCT	Process control	Life product traceability	Performance correlation
PEOPLE	Multi Skill	Digital operator Performance	Human + Artificial Intelligence

PEOPLE

Pirelli Manufacturing System

- Continuous Improvement
- People Engagement



Manufacturing Academy

- Induction of new operator
- Increase the level of skills required



Trainers



Kaizen Weeks



Process improvements



Standard definition

- **Focused Training**
- **100% people involved**



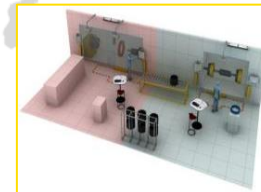
PMS Suggestion System



Pirelli Operation Steering system



Lean Organization



Training simulator



Cycle time reduction

PLAY: THE VIRTUAL REALITY TRAINING



Thank you for your attention