FCA

FIAT CHRYSLER AUTOMOBILES

Non digitalizziamo gli sprechi: l'approccio e l'esperienza FCA

Luciano Massone

Head of EMEA World Class Manufacturing & Projects V.P.

Franco Deregibus

Head of Digital Innovation HUB Piemonte

Castellanza, Italy

May 9th, 2017

EMEA

REGION

Luciano Massone
Head of EMEA WCM & Projects V.P.

EDUCATION

- Degree in Economics and MBA
- WCM EU-Japan
- HRTP EU Program

BACKGROUND

- Head of WCM EMEA Region & Development Center V.P.
- Fiat Auto Production System V.P.
- Fiat Automobiles HR Organization, HQ V.P.
- Human Resources Fiat Lancia and Light Commercial Vehicles BU
- Industrial Divisions Director at Human Resources HQ
- Industrial Relations Director, at HR HQ
- Resp. at Company level in the Work Organization and EHS
- Project Leader and HR Manager at Melfi Plant
- HR Plant manager at Termoli Plant
- Production Manager and HR Unit Manager at Sevel Plant
- Work Analyst and ETU Supervisor

MOREOVER

- Board member of:
  - Automotive Engineering at PoliTo
  - FIPDAF – FISDAF
  - SATA SPA
  - Scuola Camerana
  - President of the WCM WW Association

FOR FUN

- Sailing instructor, Skiing, Tennis, Running

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Franco Deregibus
Senior Innovation Advisor - COMAU

EDUCATION

- Degree in Electronics Engineering

BACKGROUND

- Head of Digital Innovation Hub Piemonte (Confindustria)
- Head of Quality and Innovation at Comau
- Head of Comau APAC
- Head of Comau Body Welding and Assembly
- Comau CIO
- Operations Director at SESAM (COMAU – DEC joint venture)
- Controls Engineer and Developer

MOREOVER

- Board member of UNI

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- FCA Overview
- WCM Overview
- Manufacturing 4.0
- The FCA Way
- Applications
- WCM Academy

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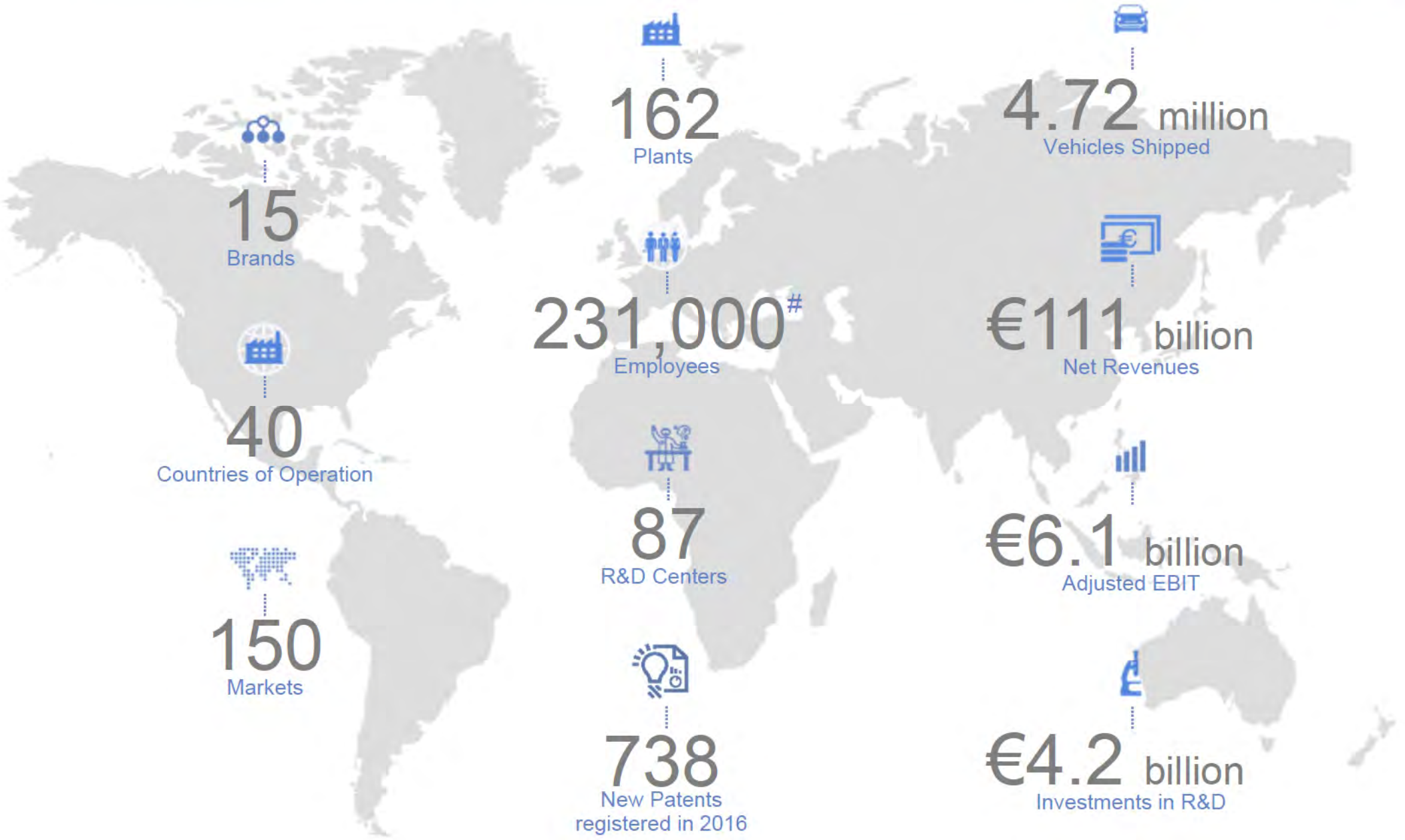
FCA Global Footprint



15
Brands

40
Countries of Operation

150
Markets

162
Plants

231,000[#]
Employees

87
R&D Centers

738
New Patents registered in 2016

4.72 million
Vehicles Shipped

€111 billion
Net Revenues

€6.1 billion
Adjusted EBIT

€4.2 billion
Investments in R&D

[#] 261,500 employees including Joint Venture Companies such as Sevel, Tofas, FCA Bank
Data from FCA and EMEA Overview, data as of December 31, 2016

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Brands

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Cars and light commercial vehicles

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Components

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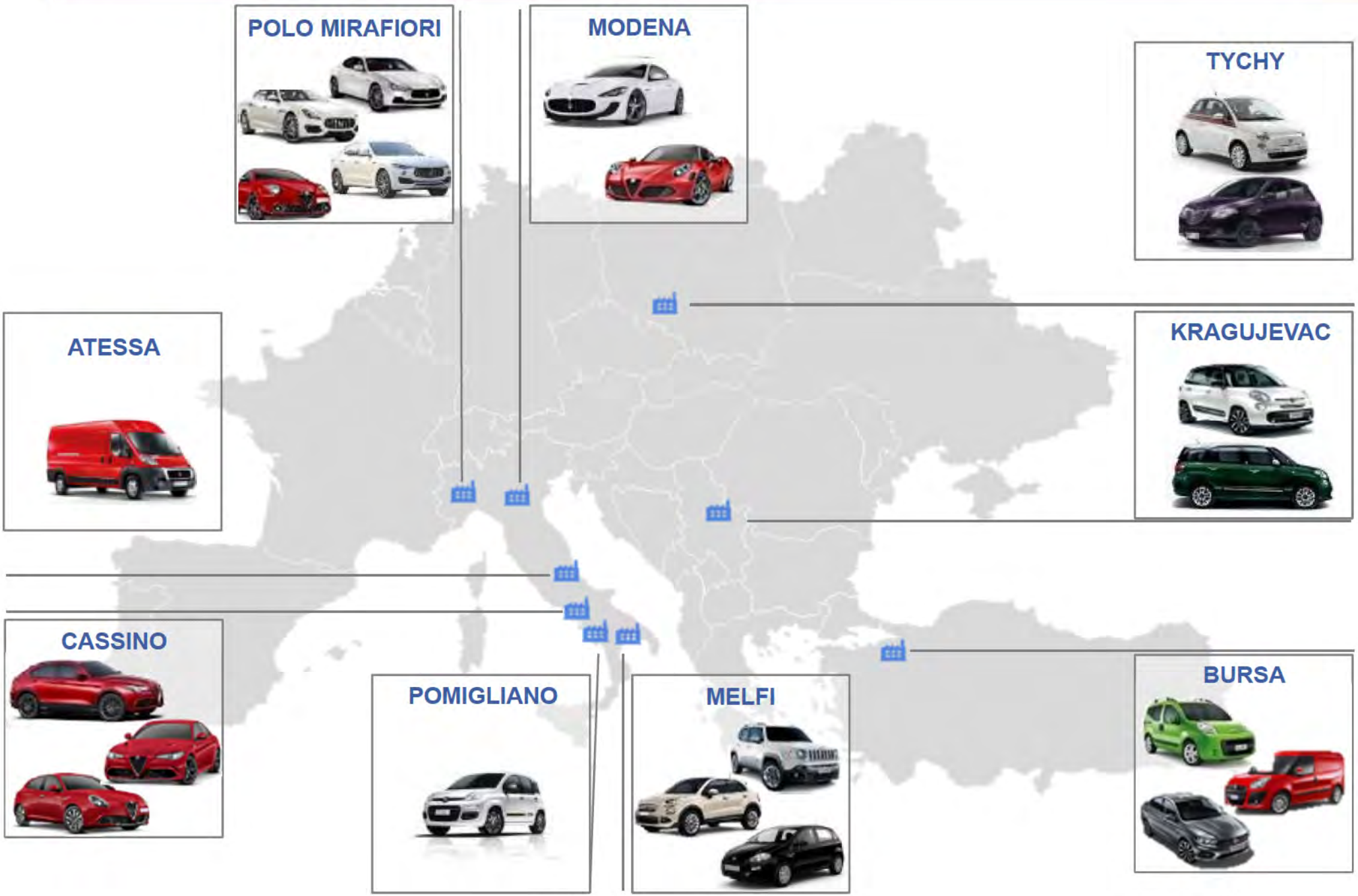
Footprint EMEA Vehicle Plants

FCA
FIAT CHRYSLER AUTOMOBILES



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Footprint EMEA Powertrain Plants

VERRONE
Transmissions

CENTO
Engines

MIRAFIORI
Transmissions

BIELSKO BIALA
Engines

TERMOLI
E&T

PRATOLA SERRA
Engines

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Automotive synergies cross-sectors

- Safety
- Electronic & Microelectronic
- Mechatronic & Robotics
- Emissions & Recycling
- Artificial Intelligence
- Materials
- Energy
- ICT

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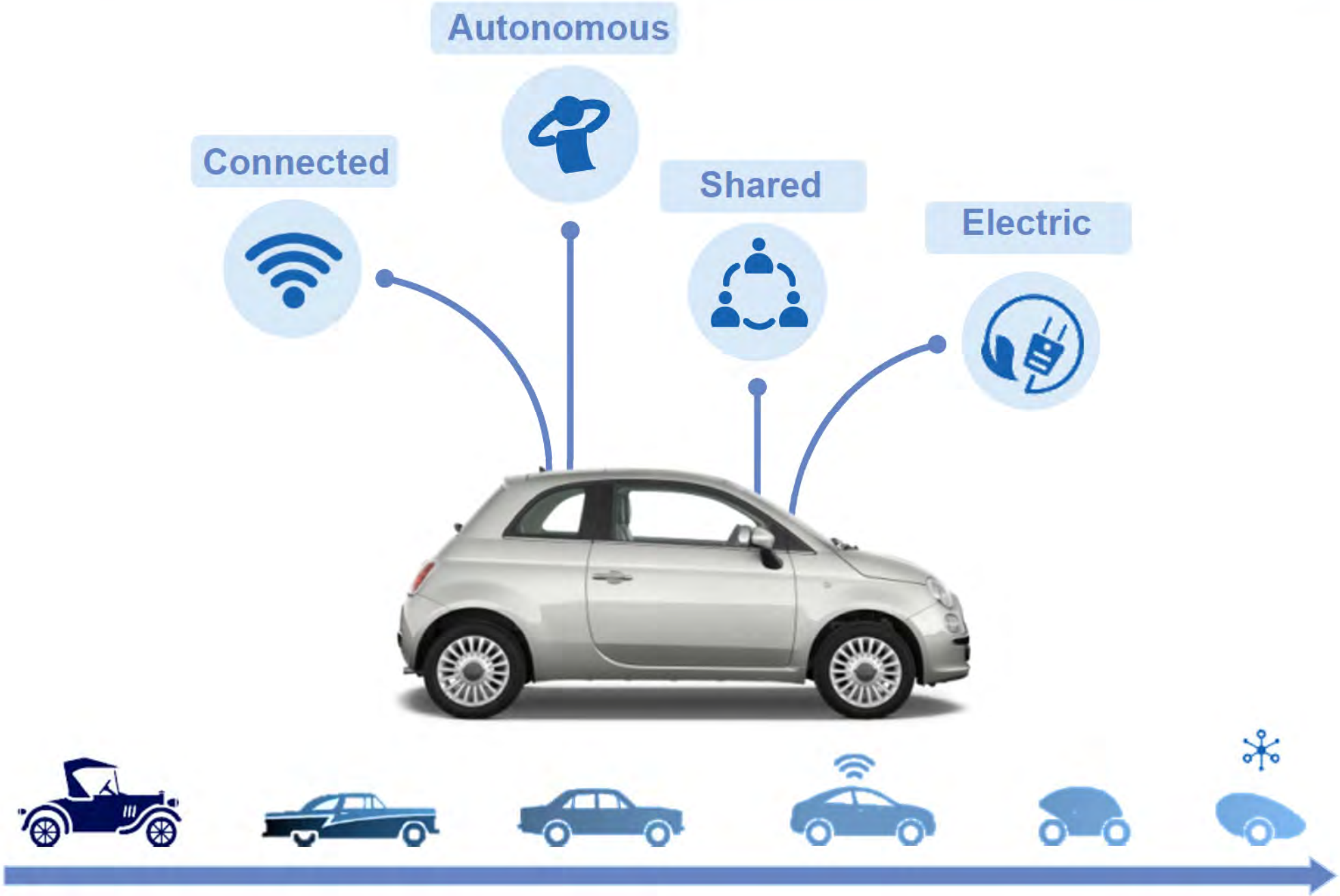
The car of the future – key trends



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Vehicle Plant Concept

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World Class Manufactuirng

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WCM Methodology

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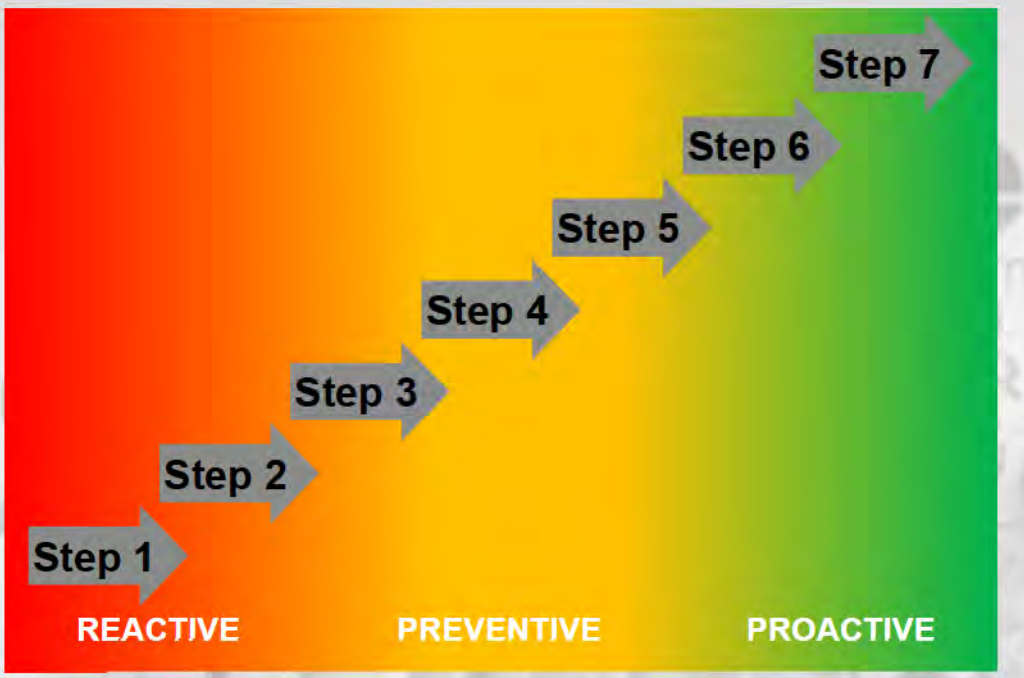
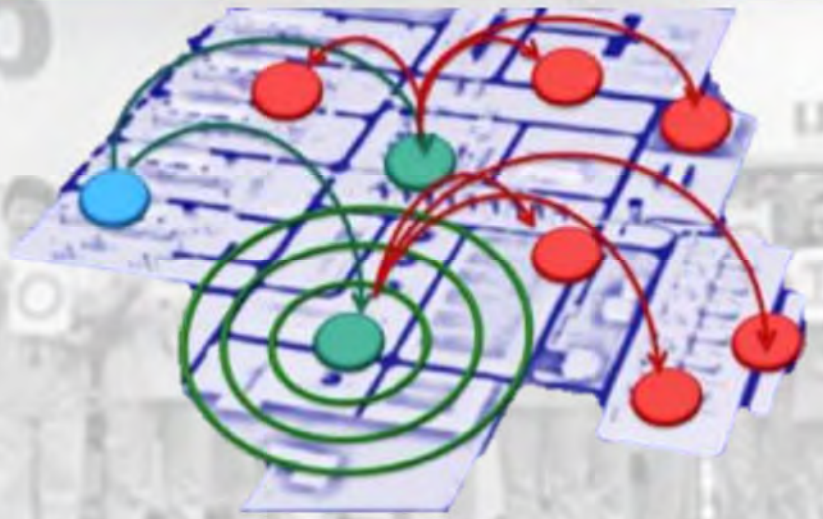
WCM Approach

A 7 STEPS APPROACH GUIDES REACTIVE TO PROACTIVE ACTIONS FOR EACH TECHNICAL PILLAR



INCREMENTALLY IMPLEMENTATION OF THE METHODOLOGY, FROM MODEL AREA TO PLANT WIDE

MODEL AREA → EXPANSION AREA → PLANT WIDE



BASIC CONDITION	BRONZE	SILVER	GOLD	WORLD CLASS
0-49	50-59	60-69	70-84	85-100

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Cost Deployment

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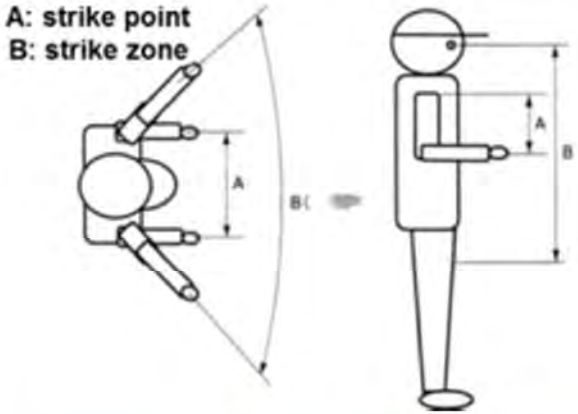
Waste and losses are «unethical»

Waste is **«unethical»,**
it increases costs, it does not use resources and does not add value for the customer

Production and logistics integration



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