



2021 HALF-YEAR RESULTS

July 21st, 2021

Laurent Favre, CEO
Félicie Burelle, Managing Director
Adeline Mickeler, EVP Corporate Finance



Key Messages



Solid H1 results despite a volatile and fragmented market, impacted by chip shortages



Improved operational performance and cash generation allows an upgrade of FY 2021 guidance



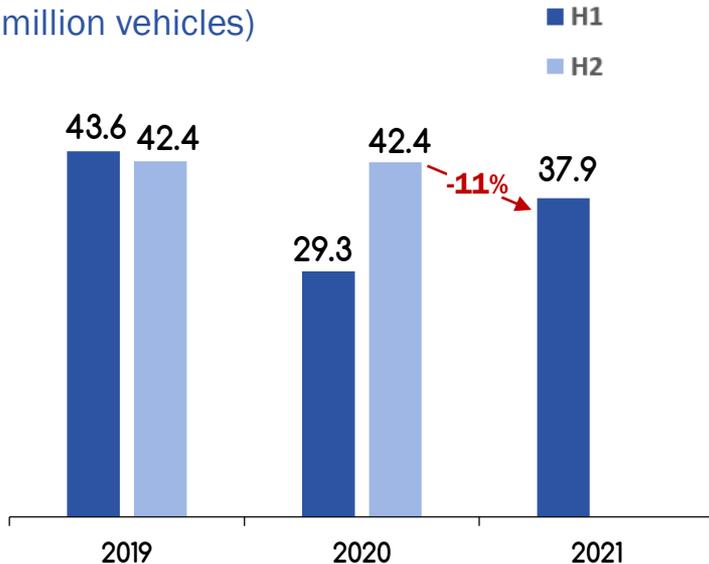
Acceleration of Group's transformation towards sustainable mobility led by a renewed Executive Committee

An increasing impact of chip shortages affecting a regionalized recovery



Worldwide automotive production far from its pre-crisis levels

(in million vehicles)



Source: IHS July 2021

H1 2021 chip shortages impact:

Q1 2021: -1.4m vehicles lost

Q2 2021: -2.6m vehicles lost

→ Q2 production: -9% vs. Q1 production

Excluding shortages, significant discrepancies in the recovery per region

China & North America

close to 2019 levels

Europe & rest of Asia

still below 2019 levels (-10%)

Solid operating performance despite a challenging environment



ANTICIPATION AND AGILITY

PO assumption:

5% discount to 2021 Auto Production



Maximum flexibility to face stops and starts in production



Efficient cost reduction programs rationalization + Omega

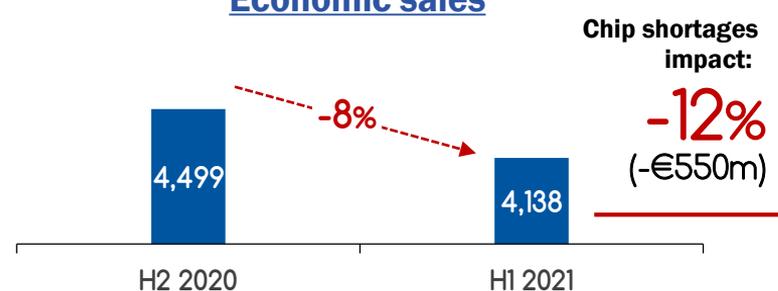


Greener operations breakeven

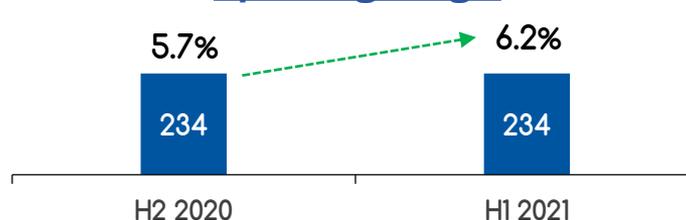


INCREASED OPERATING MARGIN

Economic sales



Operating margin



Reinforced Financial profile



Controlled investments:

€149m

3.9% of sales

Managed WCR:

Inventories :

+€100m

High liquidity:

€2.45Bn

Installed available capacity supporting further growth

FCF:

€151m

4.0% of sales

**Net debt/
EBITDA:**

0.9

Solid H1 results allows an upgrade of FY 2021 guidance

	<u>ACTUAL H1 2021</u>	<u>UPGRADED FY 2021 GUIDANCE *</u>
 ECONOMIC SALES	+31.9%**	Strong Growth
 OPERATING MARGIN	6.2% of sales	≥ 6% of sales (previously 6%)
 FREE CASH-FLOW	€151m	>> €220m (previously > €220m)

(*) based on a global automotive production of 77 million vehicles in 2021

HIGHLIGHTS H1 2021

Acceleration on our strategic priorities



Acceleration on our strategic priorities

INNOVATION

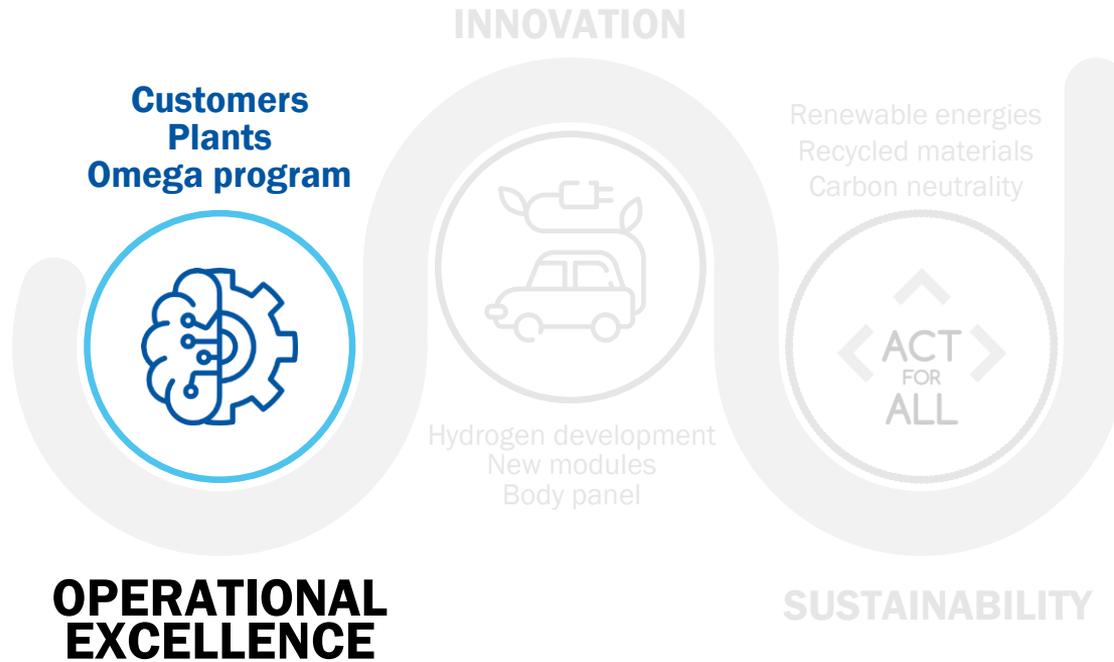


**OPERATIONAL
EXCELLENCE**



SUSTAINABILITY

First Strategic Pillar: Operational Excellence



Operational Excellence: 88 successful launches in H1 2021



AMERICAS



LAUNCHES

21



Chevrolet Equinox
Chrysler Pacifica/Voyager
Nissan QX60/Pathfinder

EUROPE



25



Audi Q4 e-tron
Opel Mokka, Peugeot 308,
Seat Arona

ASIA



42



GM Buick Envision Plus
Roewe RX5 Max, i5
VW Passat, Tiguan, Octavia

**MAJOR LAUNCHES
PER REGION**

Operational Excellence: Acceleration of BEV's order intake



**Ford
New EV SUV**

Front/Rear bumpers



**Volkswagen
ID-buzz EV combi**

Display modules,
Rollo shutter



**Daimler
CLA/CLA EV**

Front/Rear Bumpers,
Front-end modules



**Renault 5
Echo EV**

Front/Rear Bumpers



**Daimler
A-Class/A-Class EV**

Front/Rear Bumpers,
Front-End Modules



**100%
EV player**

Front-end modules



**General Motors
New EV SUV**

Front/Rear bumpers



**Audi
EV Q4 e-tron**

Active grille shutters

Operational Excellence: New customers gained



- **BEV crossover** jointly developed with GM in North America
- **Honda Prologue**, bumpers produced in Mexico

- **VW Anhui**, first dedicated NEV joint venture in China
- Bumpers for the first model **Tavascan**



- **Geely** subsidiary developing EV brand
- Air Grille Shutters for the **Lambda and Alpha** models in China

- PO becomes **Mitsubishi's** preferred partner for the OEM's substitution from metal to plastic fuel systems
- 1st contract for the **Triton** (Thailand)



Operational Excellence: New plant in China

33rd plant in China

New plant in LinGang, Shanghai region, for a BEV manufacturer

Annual production capacity up to **1 million exterior parts and systems**



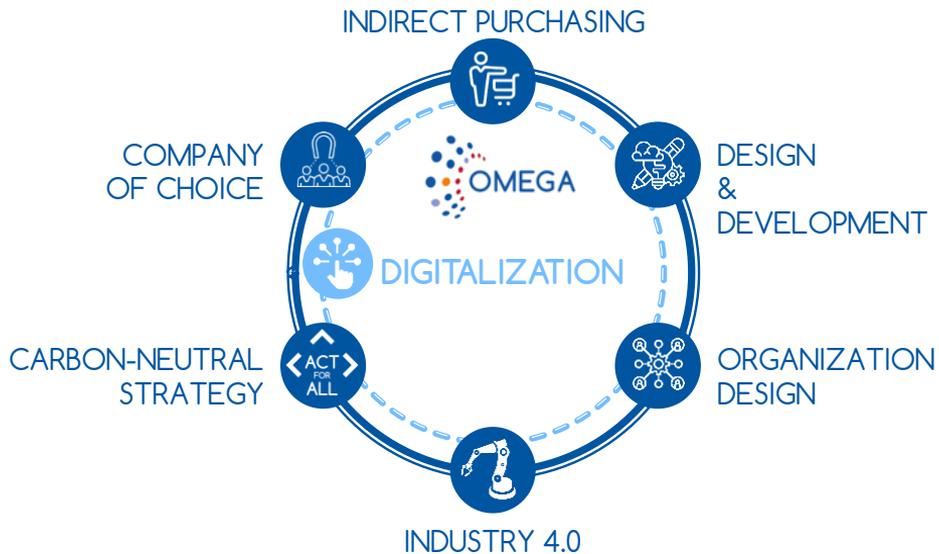
SOP in 2022



Sustainable plant:

photovoltaics/energy storage,
natural gas thermal power,
wastewater treatment stations

Operational Excellence: Omega transformation plan on track



A team of **400** people

2,500 initiatives

- **Best cost countries sourcing, including sustainability constraints**
- **Regional synergies**

€200m of savings confirmed
– o/w 50% in 2021, on track

OBJECTIVES



LEVERAGING DIGITALIZATION
to become more agile



SIMPLIFYING OUR PROCESSES
to increase our performance



CHALLENGING OUR ORGANIZATION
to achieve our cross-fertilization potential

Second Strategic Pillar: Innovation

INNOVATION

Customers
Plants
Omega program



OPERATIONAL
EXCELLENCE



**Hydrogen
development
New modules
Body panel**

Renewable energies
Recycled materials
Carbon neutrality



SUSTAINABILITY

Innovation: Hydrogen, a comprehensive offer for High Pressure Storage Systems



High Pressure Vessels Systems

30% lighter than steel vessels
Hydrogen and CNG applications

Tailored vessel dimensioning to the vehicle
from 350 to 700 bars

Floor Module

Unique packaging dimension HPV* system

Tank system using a tubular assembly
compatible with the battery pack space

Cost efficient by using less fibers

Optimized industrialization of electric platforms

* High Pressure Vessel



SYSTEM INTEGRATION

Neck or strap mounting, valves,
piping, control and diagnostic,
state of health, safety management



TYPE IV VESSELS

Thermoplastic liner
Composite filament winding
Certified R134 and EC79



COMPOSICAD

Proprietary design software
for filament winding



Innovation: Hydrogen, addressing the mobility market with Fuel Cell Systems



Suitable for passenger cars and LCV

FCM - NM5 (up to 60 kW)

Simplified system with integrated functions (DC/DC)

Robust components and stack design

Long service life and low degradation



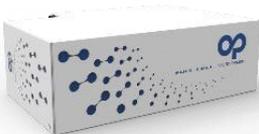
Bus & Trucks applications

FCM - NM12 (80 to 200 kW)

Full system design and integration capabilities

Black box approach for easy application integration

High power density, lightweight, compact stack design



EKPO FUEL CELL TECHNOLOGIES

Launch on
March 1st, 2021

(Elringklinger 60%, Plastic Omnium 40%)

FUEL CELL STACK
Bipolar Plate, Stack Module,
Media module



BALANCE OF PLANT (BOP)
Thermal, Hydraulic, Electronics



Innovation: Paving the way to €0.3bn hydrogen sales in 2025 and €3bn in 2030



- **Technological partnership** with **McPhy**
- **Maximize the performance** of the filling interface between H₂ stations & vessels
- **Development of joint commercial** products & solutions starting from the needs analysis phase

- **Partnership with**  **HOPIUM** to develop the hydrogen storage system of the Māchina, high-end vehicle to hit the market in 2026
- **Prototype of high pressure hydrogen vessel** to achieve **1,000 km range**



- **Strong commercial pipeline** – ongoing activities with all major OEMs & mobility players (trucks, bus, trains)

Innovation: Paving the way to €0.3bn hydrogen sales in 2025 and €3bn in 2030



EKPO FUEL CELL TECHNOLOGIES

- Fuel cell stacks for GCK high power Fuel Cell system
- First outing in the 2023 Dakar Rally
- Adapted to a broad range of industrial applications

EKPO FUEL CELL TECHNOLOGIES

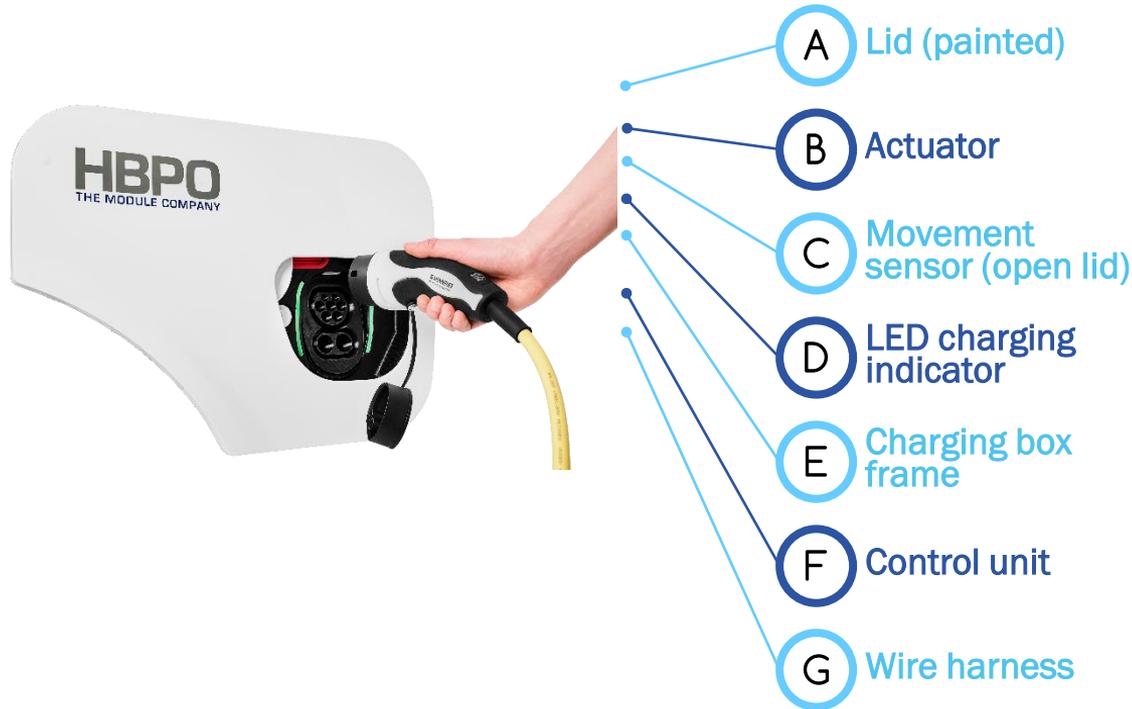
- High-volume series production contract for fuel cell stacks with AE Driven Solutions – H₂ vehicules for inner city transport



- Fuel cell systems to equip hydrogen-powered truck of EFA-S
- Ambition of more than 100 H₂ vehicles by 2023

Innovation: increase in content on electrified vehicle

LID module



Today only existing as single components delivered to OEM.
Potential to develop a module

Market for LID module: PHEV and Electric Vehicles in Premium segment

Innovation: increase in content on BEVs

Frunk module



- A Torsional ring (crash, NVH...)
- B Frunk tray
- C Charging cable, spring-driven reel
- D Charging plug
- E Cooling box or refrigerator
- F Fixation of cooling fluid bottle...
- G Compartment for warning triangle, repair kit...



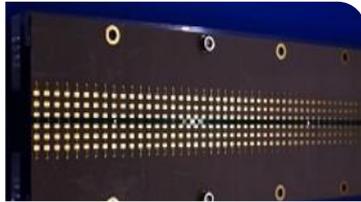
Today existing as “simple” plastic tray, **potential to integrate multiple functions and add value**



Innovation: increase in content on connected cars

Body panel functionalized with 4D imaging radar

Use of bumper's surface as a giant radar aperture for enhanced performances



Body panel functionalization

Co-design body panel / sensor for enhanced performances (resolution, field of view, wave transparency, algorithm tuning, etc.).



Unmatched radar performances

Far better than conventional radars, tending toward lidar's performances.



Architectures simplification

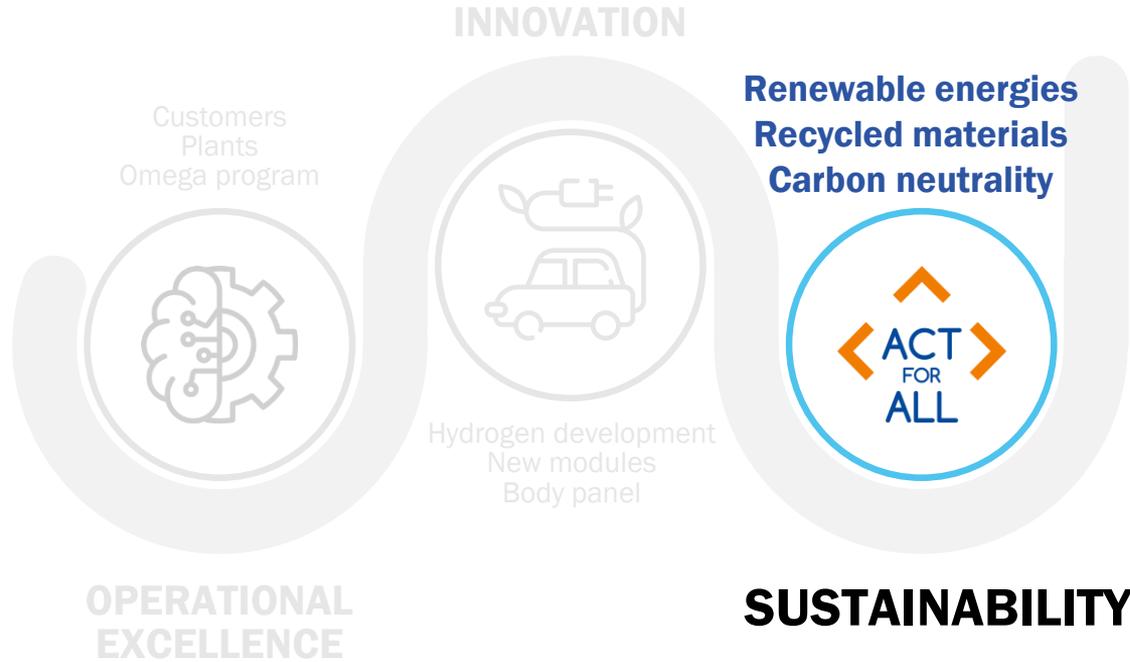
Replacement of 3 radars with one 4D imaging radar.



Scalability and cost efficiency

With same interface as with vehicle ECU, possible trade-off cost vs. performance (NCAP score).

Third Strategic Pillar: Sustainable Business



Sustainable Business: ratings



- **Plastic Omnium's current rating**



- **CDP rating implementation. Results by year-end**



- **Supporter of TCFD, to work towards creating a more resilient financial system & safe guarding against climate risk through better disclosures**

Sustainable Business : H1 initiatives



Renewable energies:

- **4 facilities** equipped with solar panels in 2020
- **17 additional sites** currently being equipped
- **32%** renewable electricity in 2020

Recycled material:

- Development of a bumper demonstrator with **50% of recycled material**
- Evaluation of more than **60 recycled plastics** to build a PO panel
- **Functional evaluation plan**
- **Working with our customers** to reach more sustainable materials on exterior parts



The next key milestone: carbon neutrality by 2050

The Group will provide details about its **carbon neutrality ambition in H2 2021.**

It is **already committed to SBTi Business Ambition for 1.5° C.**

It will announce medium-term **targets on Scopes 1, 2 and 3 approved by the SBTi.**

By then, we will have:



Audited our most emissive facilities
to **identify efficiencies** and **related CAPEX (Sc.1+2)**



Analyzed the potential to convert our energy sourcing
to **renewable energies (Sc.1+2)**



Identified how we can engage with our **suppliers**
and **transporters to reduce their carbon footprint (Sc.3)**



Quantified the **positive impact of the innovation of our products**
on our customers and end-users **(Sc.3)**



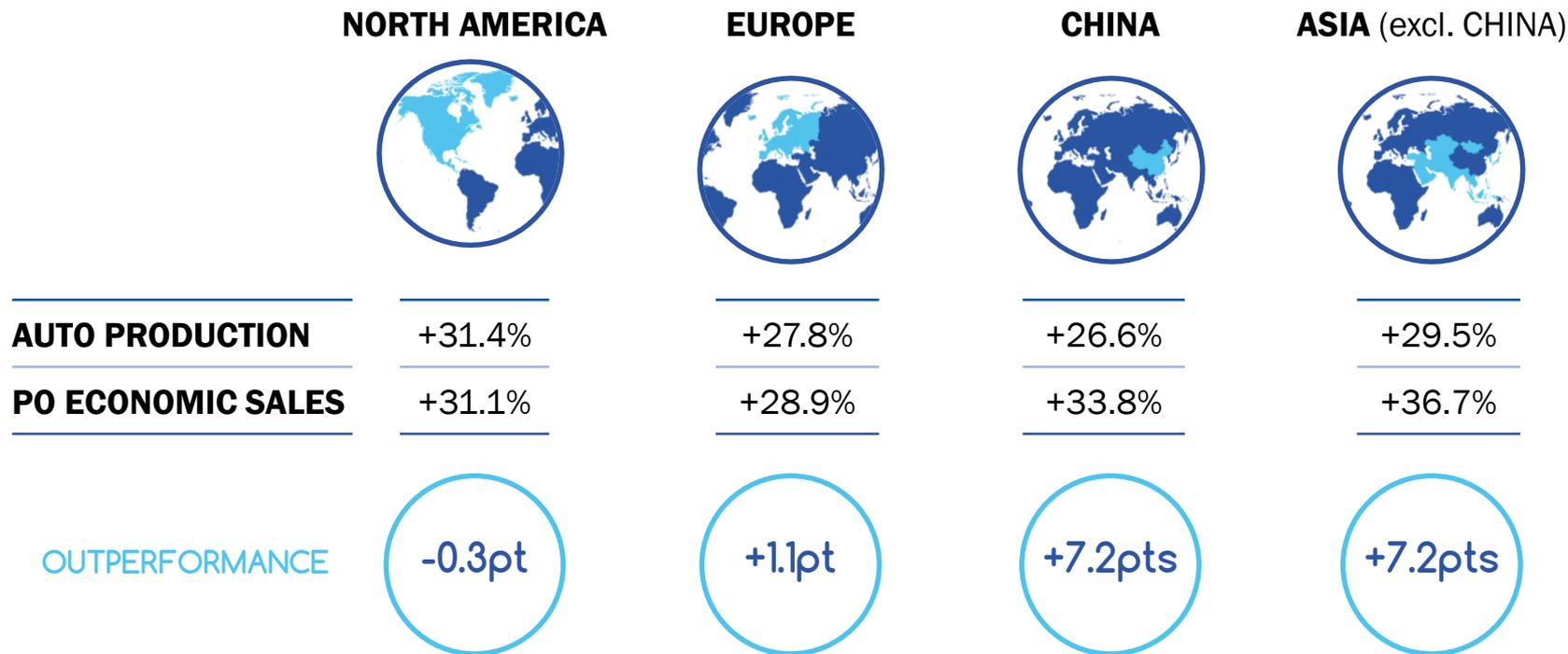
H1 2021 Financial Results



H1 Sales per business

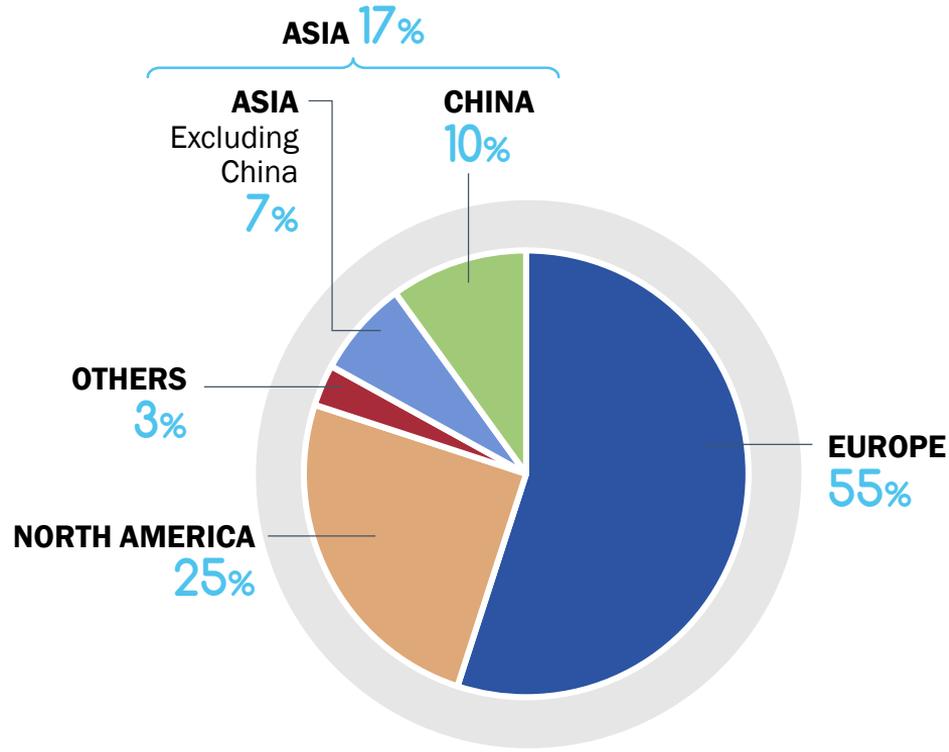
In €m	H1 2020	H1 2021	Δ in %	Δ LFL	Outperformance
PO Industries	2,395	2,992	+24.9%	+29.2%	-0.2pt
PO Modules	838	1,146	+36.7%	+39,5%	+10.1pts
Economic sales	3,233	4,138	+28.0%	+31.9%	+2.5pts
Joint Ventures	271	354	+30.4%	+32.9%	-
Consolidated sales	2,962	3,784	+27.8%	+31.8%	+2.4pts

2.5 points outperformance driven by Asia



* Plastic Omnium economic sales like-for-like variation
Source: IHS July 2021

H1 2021 Economic sales per region



H1 2021 Economic sales per customer

1		Volkswagen Group	27%
			ow Audi 10%
			ow Volkswagen 8%
			ow Porsche 4%
2		Stellantis	16%
			ow PSA 10%
		ow Chrysler 5%	
3		Daimler	11%
4		BMW	9%
5		General Motors	7%
6		Renault Nissan Mitsubishi	6%
			ow Renault 5%
7		Jaguar Land Rover - Tata	5%
8		Ford	5%
9		Hyundai	4%
10		Others	10%

H1 2021 Profitability per business

In €m	H1 2020	H2 2020	H1 2021
Consolidated sales	2,962	4,111	3,784
PO Industries	2,203	2,940	2,739
PO Modules	759	1,171	1,045
Operating Result	-116	234	234
<i>In % of sales</i>	-3.9%	5.7%	6.2%
PO Industries	-106	205	209
<i>In % of sales</i>	-4.8%	7.0%	7.6%
PO Modules	-11	29	25
<i>In % of sales</i>	-1.4%	2.5%	2.4%
EBITDA	171	477	461
<i>In % of sales</i>	5.8%	11.6%	12.2%
PO Industries	151	417	408
<i>In % of sales</i>	6.8%	14.2%	14.9%
PO Modules	20	60	53
<i>In % of sales</i>	2.7%	5.1%	5.1%

H1 2021 Profit & Loss account

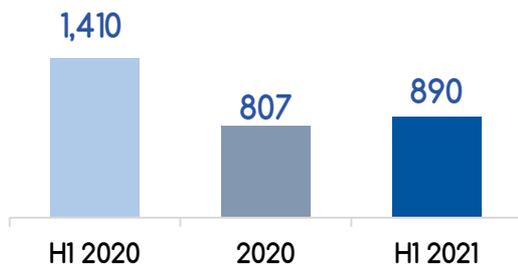
In €m		H1 2020	H1 2021
Economic sales		3,233	4,138
Consolidated sales		2,962	3,784
EBITDA		171	461
	<i>In % of sales</i>	5.8%	12.2%
Operating result		-116	234
	<i>In % of sales</i>	-3.9%	6.2%
Other operating expenses		-313	-21
	<i>In % of sales</i>	-10.6%	-0.6%
Financial expenses		-35	-26
	<i>In % of sales</i>	-1.2%	-0.7%
Income Tax		+47	-38
Net Result		-418	149
	<i>In % of sales</i>	-14.1%	3.9%
Net Result - Group Share		-404	142
	<i>In % of sales</i>	-13.6%	3.8%

H1 2021 Cash-flow statement

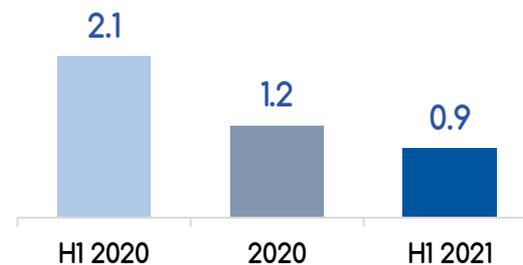
In €m	H1 2020	H2 2020	H1 2021
Operating margin	-116	234	234
EBITDA	171	477	461
Net operating Cash-Flow	69	384	409
<i>In % of sales</i>	2.3%	9.3%	10.8%
Capex and development	-226	-148	-149
<i>In % of sales</i>	-7.6%	-3.6%	-3.9%
Change in WCR	-415	+370	-108
ow factoring	-95	+115	-20
Free Cash-Flow	-572	+606	+151
Dividends	-88	-7	-83
Treasury shares	-13	+6	-10
IFRS 16	-21	-28	-12
M&A / financial assets / Other	+22	+26	-130
Net debt (end of the period)	-1,410	-807	-890

H1 2021 Key financial metrics

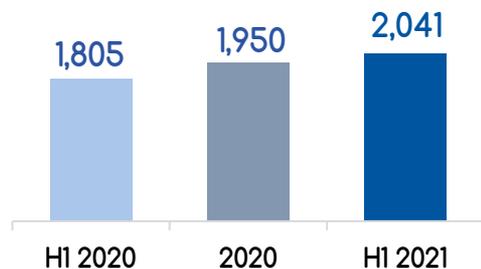
NET DEBT (in m€)



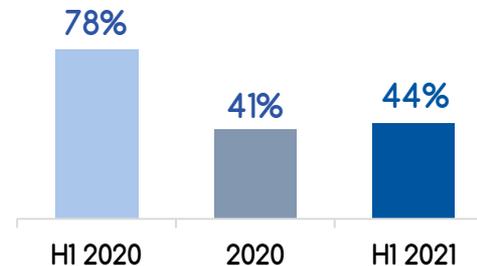
NET DEBT/EBITDA



SHAREHOLDERS' EQUITY (in m€)



GEARING



OUTLOOK



In Covid aftermath, acceleration of electrification



DRIVERS

 Connected



- Share of **connected vehicles** will exceed **90% by 2035**
- Increase in functionalities with **car value shift from hardware to software**

 Autonomous
("ADAS")



- **Level 1 to 3** will represent **80%** of vehicle mix in 2030
- Safety regulations will accelerate growth of ADAS market

 Shared



- Slowed down by health concerns & social distancing

 Electrified



- **Acceleration of EV transition and ICE phase out**
- **Europe:** more restrictive regulation (Euro 7); **USA:** new and greener paradigm with President Biden; **China:** pushed by Public regulation and incentives

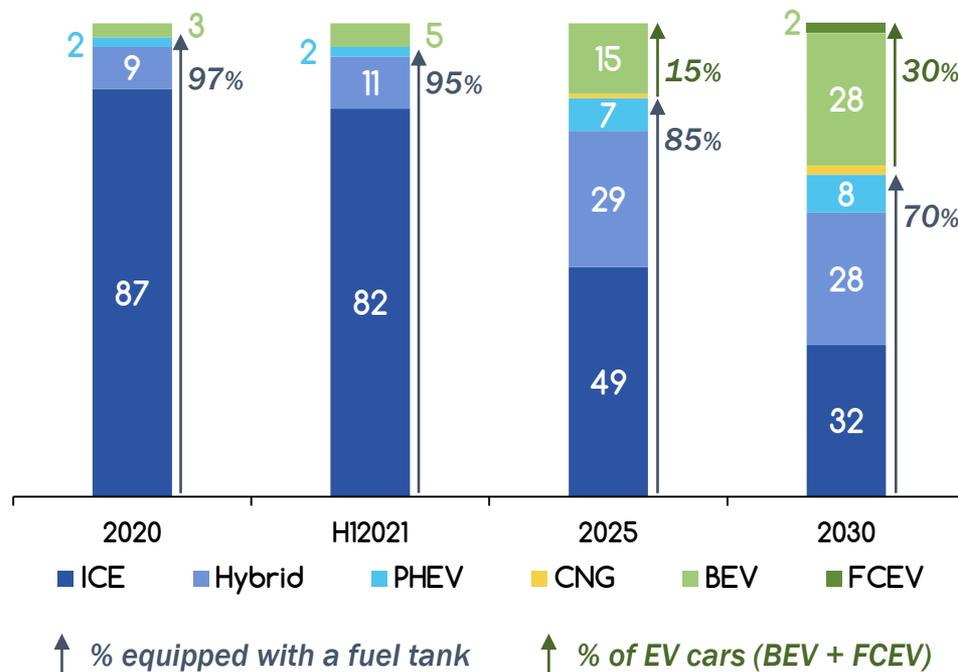
 Trend slowed down

 Trend intensified

Plastic Omnium's vision on powertrain mix evolution

Mix evolution 2019-2030 – PO view

(In % of worldwide automotive production)



EV driven by Europe & China

EUROPE



~40%
BEV+FCEV
in 2030

CHINA



~40%
BEV+FCEV
in 2030

ASIA
(excl. CHINA)



~25%
BEV+FCEV
in 2030

NORTH
AMERICA



~20%
BEV+FCEV
in 2030

Electrification: a growth driver for PO's businesses

OUR INNOVATIVE SOLUTIONS FOR SUSTAINABLE MOBILITY



Intelligence Exterior Systems & Modules

- Lightweighting
- Aerodynamism
- Function integration
- Safety
- *Battery modules opportunities*



New Energies

A comprehensive & industrialised H₂ offer with:

- H₂ storage
- Fuel cell
- Integrated H₂ systems

FOR AN EXTENDED PORTFOLIO OF CUSTOMERS



New customers for passenger cars:

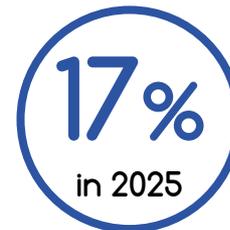
Tesla, Lucid, Nio...



New customers for mobility:

Trucks, buses, trains...

Increased share
of ZEVs in PO's revenue



→ **85%** of worldwide automotive production equipped with a tank in 2025

Conventional plastic tank

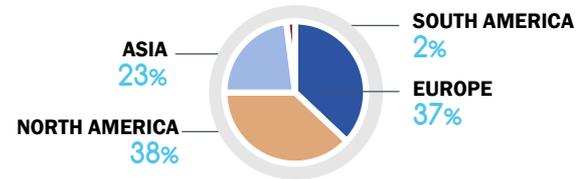
- Continuous decline of current **12%** share of steel tank
- Increase of PO's market share from 22% to **28%**
- **New plant** in Indonesia in 2022

PHEVs (7% of auto prod)

- Pressurized tank
- **25%** additional content
- **25%** market share in 2025

CES business will grow in the coming years

Well-balanced sales per region

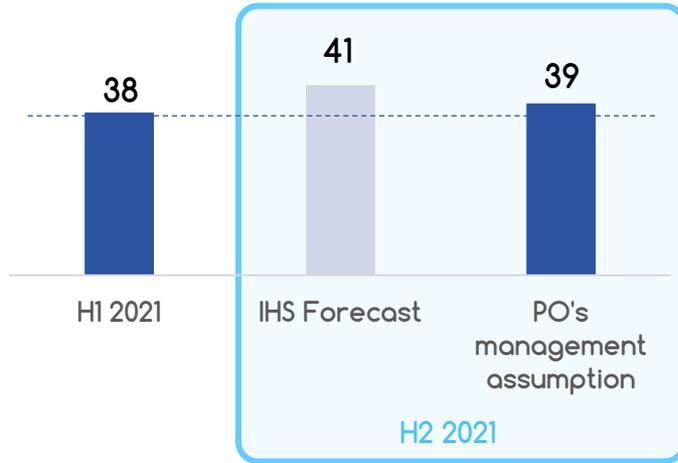


- **Significant level** of EBITDA
- **Low level** of investment
- **Limited balance** sheet exposure

Assumptions for H2 2021 automotive production



Automotive production (in million vehicles)



- **Chip shortages:**
Q3 and Q4 still affected
- **Flex maintained** at the highest level possible
- **Raw materials** increase

Source: IHS July 2021

Growth vs H1 2021 sustained by 86 launches in H2 2021



AMERICAS



15

LAUNCHES



MAJOR LAUNCHES PER REGION

Ford Maverick
Jeep Grand Cherokee
VW Tiguan

EUROPE



23



Land Rover Range Rover
Renault Megane, Kadjar
Skoda Karoq, Seat Ibiza
BMW IX

ASIA



48



BMW Brilliance X3
MG ZL
VW NEO, Lamando
GM Buick Verano Pro

FY 2021 Financial Guidance upgraded



SALES

Strong
growth



**OPERATING
MARGIN**

≥ 6% of sales



**FREE
CASH-FLOW**

>> €220m

Conclusion



**LEADING MARKET POSITIONS:
#1 IN PLASTIC BODY PARTS,
IN FUEL SYSTEMS AND IN MODULES**

**DIVERSIFIED PORTFOLIO OF
CUSTOMERS & GEOGRAPHIES**

**WELL POSITIONED TO BENEFIT FROM
ELECTRIFICATION, CONNECTIVITY AND
AUTONOMOUS DRIVING TRENDS**

**COMPEHENSIVE HYDROGEN OFFERING
ACROSS THE WHOLE VALUE CHAIN**

SOUND FINANCIAL STRUCTURE



**ACCELERATION
OF OUR
TRANSFORMATION
FOR
SUSTAINABLE
MOBILITY**

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