

# CAPITAL MARKETS DAY

### Cautionary statement



This presentation contains forward-looking information that involves risks and uncertainties, including statements about Umicore's plans, objectives, expectations and intentions.

Readers are cautioned that forward-looking statements include known and unknown risks and are subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond the control of Umicore.

Should one or more of these risks, uncertainties or contingencies materialize, or should any underlying assumptions prove incorrect, actual results could vary materially from those anticipated, expected, estimated or projected.

As a result, neither Umicore nor any other person assumes any responsibility for the accuracy of these forward-looking statements.



### Programme



09:00	Welcome with coffee	
09:30	Strategic Update	Marc Grynberg
10:15	Catalysis	Pascal Reymondet
	Q&A session	
11:30	Coffee break	
12:00	Energy & Surface Technologies	Marc Van Sande
12:15	Rechargeable Battery Materials	Kurt Vandeputte
	Q&A session	
13:15	Lunch	
14:15	Recycling	Stephan Csoma
14:30	Precious Metals Refining	Luc Gellens
	Q&A session	
15:30	Technology & Innovation	Denis Goffaux
16:00	Coffee break	
16:30	Driving returns and value	Filip Platteeuw
17:00	Wrap-up and Q&A	Marc Grynberg
18:00	Reception and walking dinner	





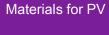
# Our 2015 ambitions (as stated back in 2010)



Rechargeable battery materials for (H) EV



Emission control catalysts







Double digit growth potential for select high-growth businesses

Global GDP growth for other activities

15-20% ROCE

Innovation as differentiator for success in all areas

Performance based environmental and social objectives



### How we anticipated the journey would evolve



2010-2012

2012-2015

2015+



**Prepare** 



**Focus** 



Accelerate

- Regain profitability of 2007-2008
- Lay foundations for major growth initiatives
- Prepare for new breakthrough areas in environmental and social objectives

- Intensification of investment efforts
- Initial pay-off for major growth initiatives
- Deliver on all environmental and social objectives

- Acceleration of profitable growth
- Optimum economic, environmental and social performance
- Further investments in chosen areas



### 2010-2015 financial performance



	High growth businesses	GDP growth businesses	Average ROCE
Target	10%+ <sub>p.a.</sub>	<b>4%</b> <sub>p.a.</sub>	15-20%
Realised*	<b>8%</b> <sub>p.a.</sub>	<b>3%</b> <sub>p.a.</sub>	15.3%



### Vision 2015 achievements



Capacity & capability expansions

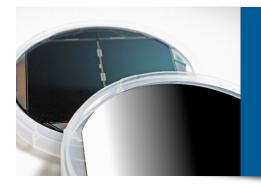


New markets & applications





New products & services



Profitability improvement measures



### Vision 2015 achievements



Capacity & capability expansions

Capex cumulative
€1.4bn

New markets & applications

#### **Examples**:

Heavy duty diesel, cathode materials for xEV, expansion into Asia and US



New products & services

Selective measures in several business units

Profitability improvement measures



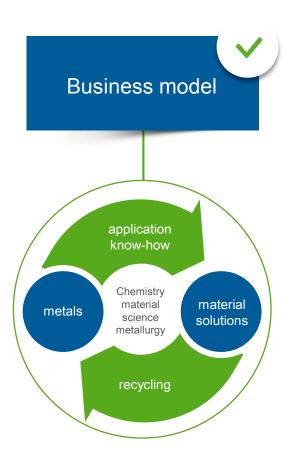
### Vision 2015 sustainability achievements

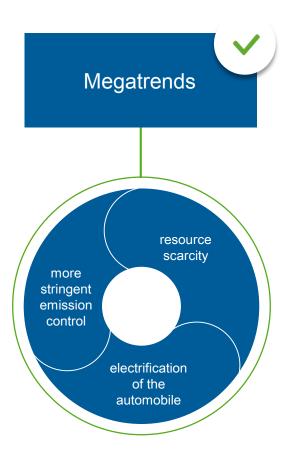




### Vision 2015: key lessons learned













# horizon 2020

### By 2020 we have...





Clear leadership in clean mobility materials and recycling



Doubled the size of the business in terms of earnings



Rebalanced the portfolio & earnings contributions

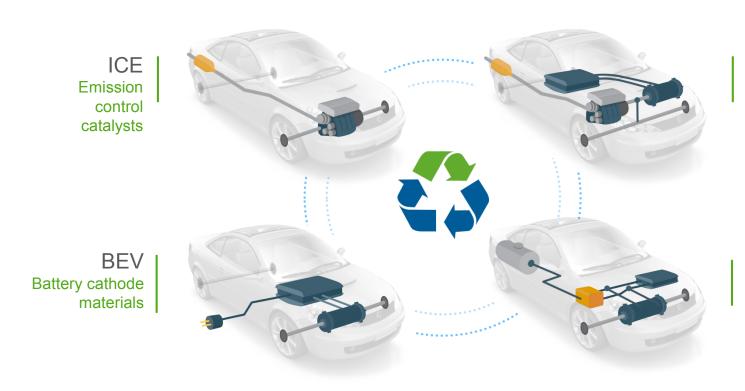


Turned sustainability into a greater competitive edge



# Unique position in clean mobility materials





(p)HEV
Battery cathode
materials and
emission control
catalysts

Fuel cells
Electro-catalyst
and battery
cathode materials



### Unique position in clean mobility materials











Fuel cell





Umicore	<b>///</b>	<b>///</b>	<b>~</b>	<b>///</b>
Automotive catalyst competitors	<b>///</b>	<b>~</b>	<b>~</b>	(incumbent in spent automotive catalysts)
Battery material competitors		<b>///</b>	<b>~</b>	
Fuel cell catalyst competitors	<b>///</b>		<b>~</b>	<b>~</b>



Grow faster than the market in LDV and HDD

**Clear leadership** in cathode materials for xEV





### Unique position in recycling





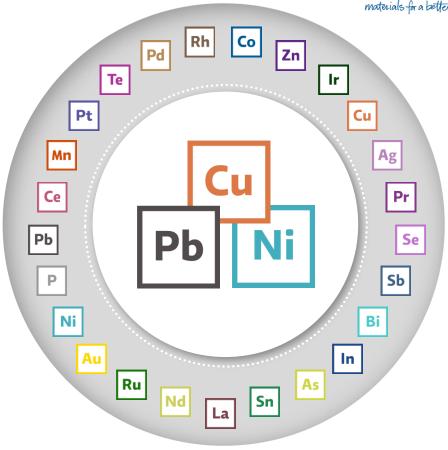
Unique technologies in Hoboken for treating complex residues and by-products



Over 200 input streams

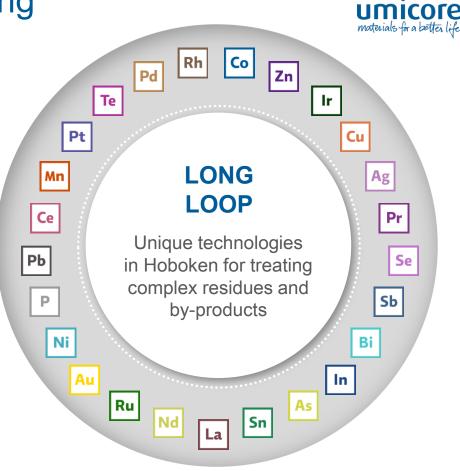


Recovery of **20 metals** 





Unique position in recycling





Unique position in recycling materials for a better life Zn Te lr Ag Cu Pt Co LONG Mn Ag Ta Ge **LOOP SHORT** Ce Pr **LOOP** Unique technologies Pb Se in Hoboken for treating Recycling services In complex residues and for customer Sb by-products production scrap Rh Pd and residues Ni Bi Au In Pt Re Ru As Ni Sn La



Further leverage Umicore's leadership in closed loop solutions for customers

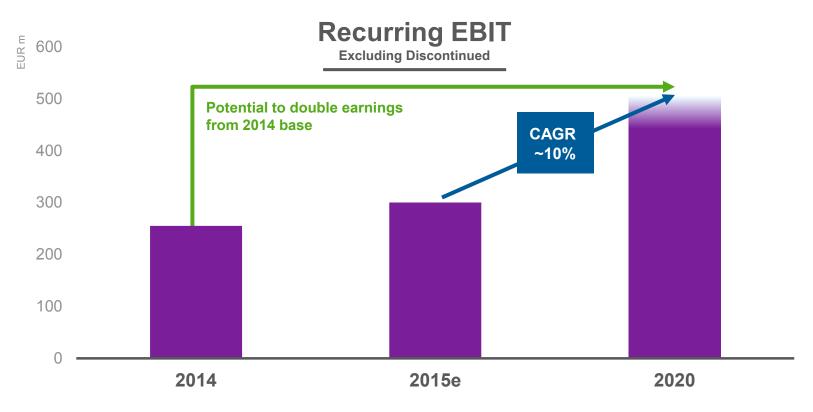
Leverage the profitable expansion to 500kt in Hoboken





### Doubling the earnings







Projections do not include high growth scenario for battery materials demand



### Rebalancing the portfolio









More significant relative contribution expected from both Catalysis and Energy & Surface Technologies in 2020



## Turning sustainability into a greater competitive edge





We have transformed Umicore into a sustainability leader over the past 15 years

The purpose is to generate more concrete benefits from our sustainability efforts eg:





### New segmentation





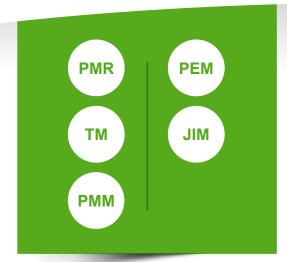
Recycling

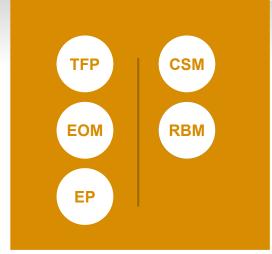


**Energy & Surface Technologies** 



**Catalysis** 









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