

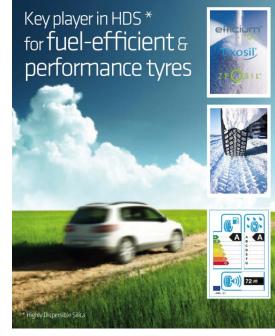
Solvay Silica Delivering innovative and sustainable solution for energy efficient tires

An Nuyttens Solvay Silica President

Solvac BoD, July 29th, 2016

Delivering innovative & sustainable solutions

Energy efficient tires



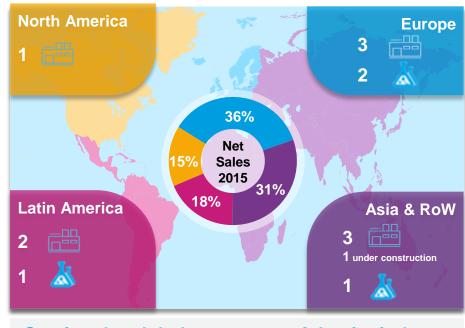


Animal nutrition



Battery separators





Serving the global customers of the tire industry



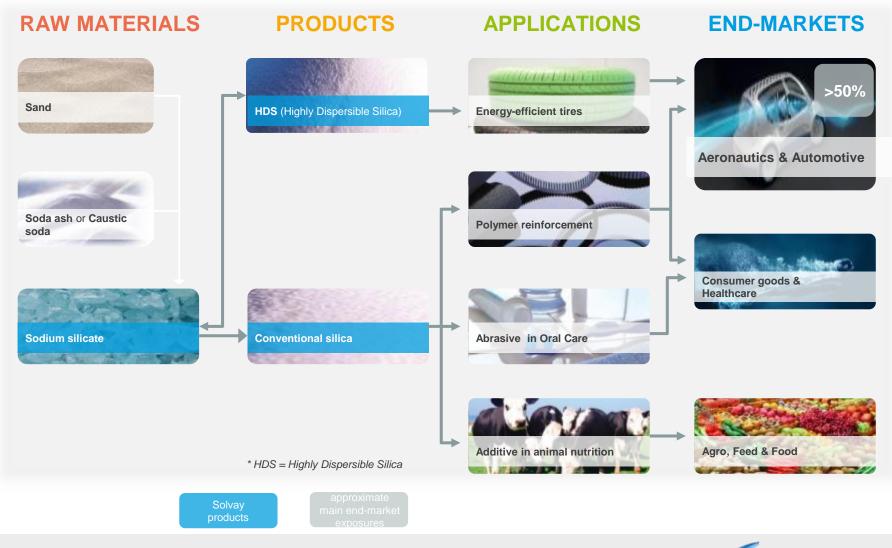
10 production sites 4 R&I centers



Production site 👗 R&I Center



Silica, a key enabler for various markets and applications

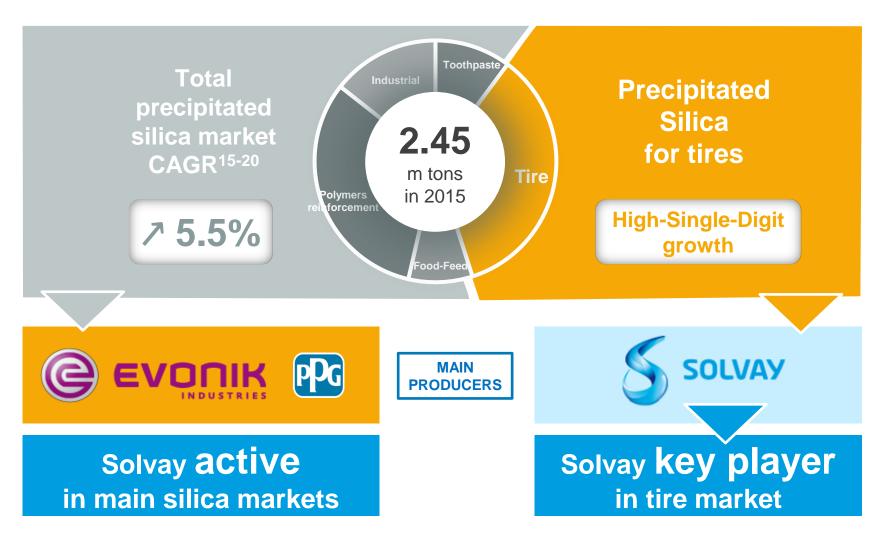


SOLVAY

asking more from chemistry^a

3 | Silica July 22, 2016

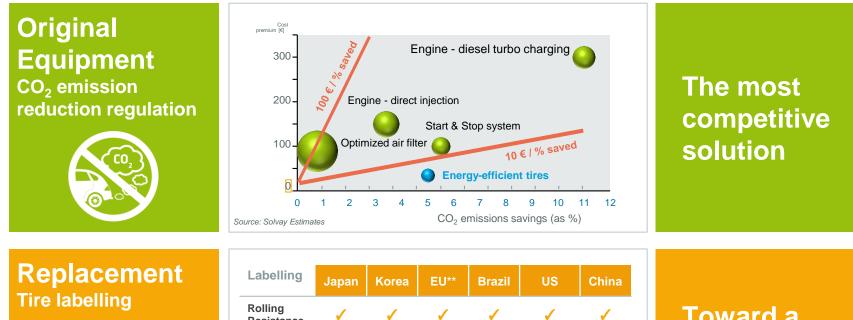
Solvay, a key player in High Performance Silica for passenger car & truck tires



CAGR: Compound Annual Growth Rate - Source: Solvay estimates / Notch consulting



Cost competitiveness & environmental regulations are key drivers for silica demand growth in tires





Sc

Labelling	Japan	Korea	EU**	Brazil	US	China
Rolling Resistance	√	1	1	√	1	 Image: A second s
Wet grip	1	1	1	1	 Image: A second s	✓
Wear					1	
Implemen- tation	2012	2012	2012	2016	Draft legislation	Under review
ource: Solvay Estima	ites				logiciation	

Toward a harmonized incentive scheme

** Australia, New Zealand, Israel also adopting an EU style labelling scheme by2016



The fast silica penetration in the tire market is significantly contributing to sustainable mobility



Solvay latest silica innovations, enable further fuel consumption savings:

5.5% 7 7%

Annual Solvay HDS* sales allow

13 million tons of CO₂ emission reduction:

Equivalent to Belgium and Luxembourg annual emissions

To date, Solvay has helped consumers saving about ~409 million barrels of fuel** and sparing the emissions of 150 million tons of CO2** in the atmosphere

> * Highly Dispersible Silica ** Solvay own assessment



Silica An unmatched value proposition for the tire industry



Security of Supply

- Global & local footprint
- Supply contingency plan (back-up plants)
- Short lead time

Product Innovation



- Best innovation track record for Tire industry
- 3 application labs supporting customers with local/global developments
- Customized products
- Privileged access to Solvay Group technologies

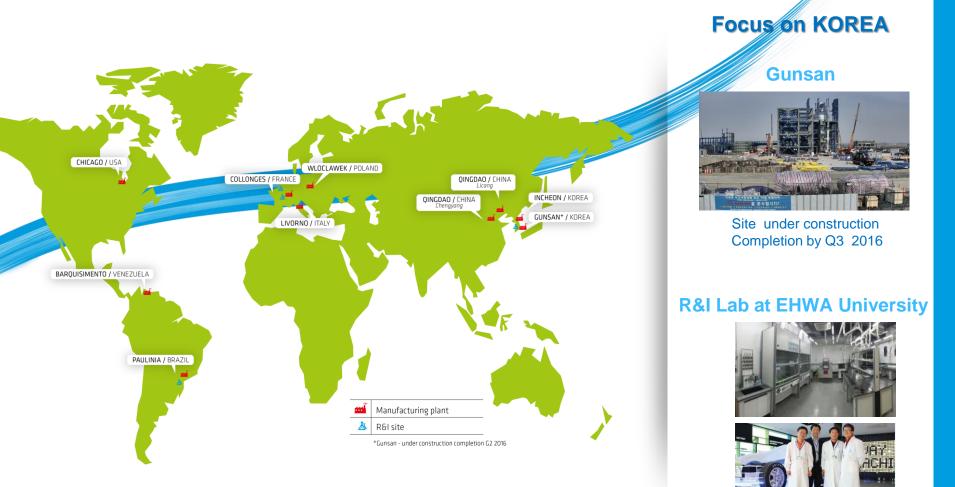


Customer Intimacy

- Global & Regional Key Account Manager
- Global & Regional Technical Marketing



Solvay, close to customers, delivering service value through a global industrial and application lab footprint



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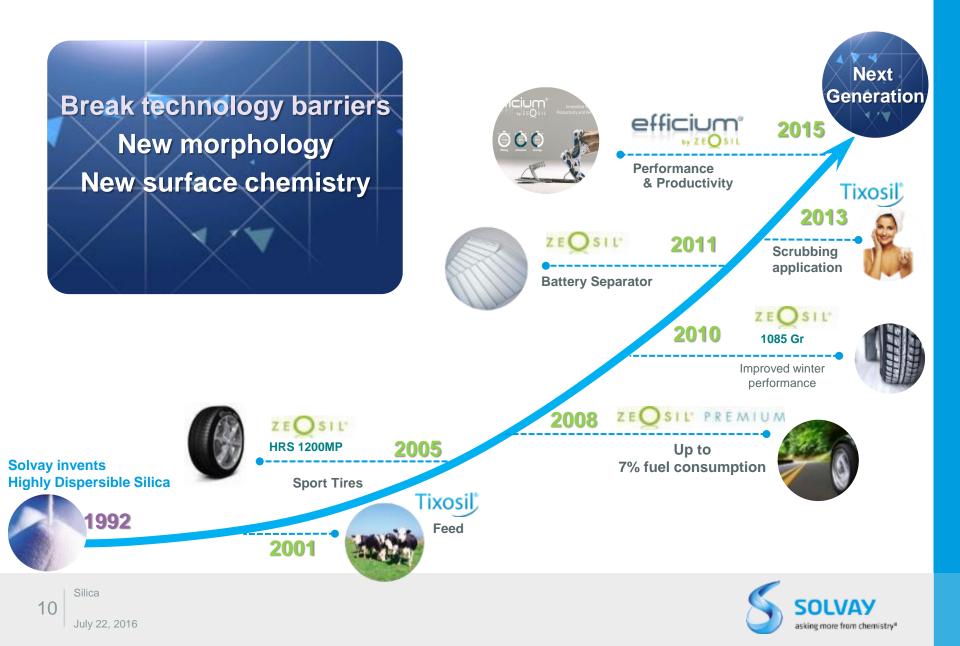
SOLVAY asking more from chemistry*

Our customer centric organization and culture





Solvay, strategically focused on innovation



Solvay, delivering value to customers through innovative solutions, technology edge, ahead of competition



- Silica compatible with truck tires
- Enhanced productivity, combined with tire performance gains, leads to a significant adoption potential at our customers.





Specifically engineered for performance in winter and Nordic conditions

- +20% wet and snow grip
- Non tread and rubber goods applications compatible



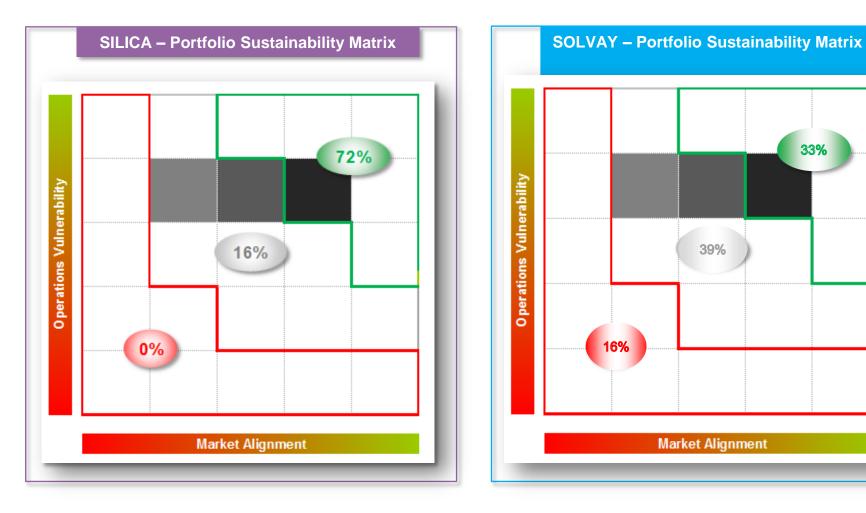
ZEQSIL PREMIUM

New generation HDS for further fuel savings

- Better rolling resistance
 → Improved label
- Improved wear
 - \rightarrow Lighter or longer life tire
 - → Better dynamic properties Increased handling for UHP tires

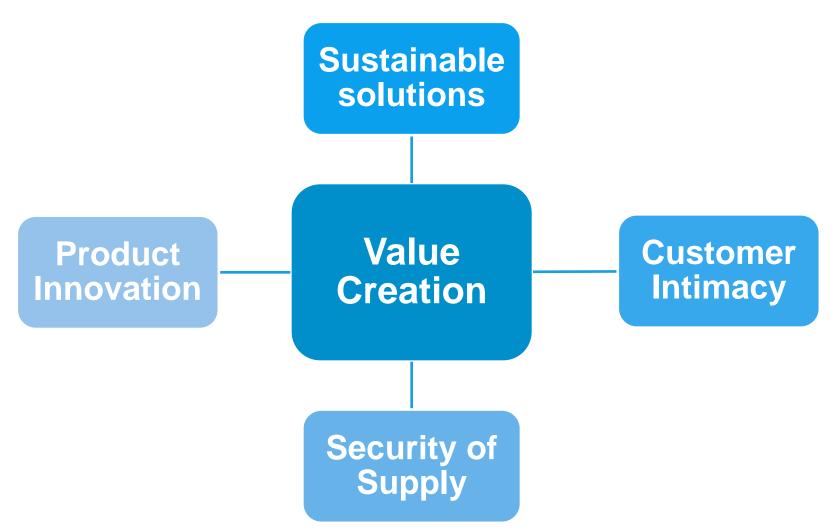


Solvay Silica Underpins the Group's commitment to sustainability





Solvay Silica Delivering innovative & sustainable solutions







Q&A session

www.solvay.com

