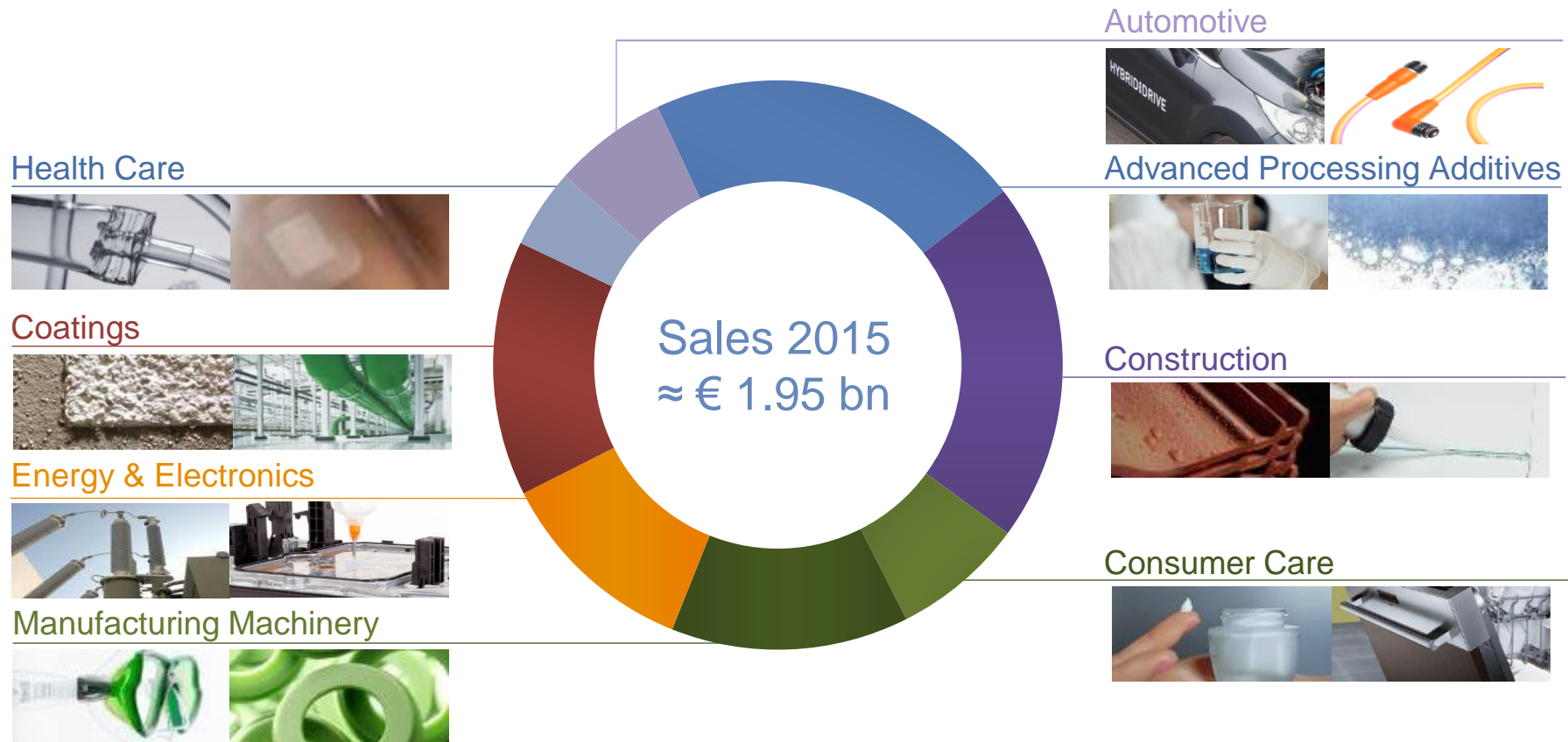**WACKER CHEMIE AG**
2016 Capital Market Day – WACKER SILICONES

Burghausen, Oct 11, 2016
Auguste Willems, Robert Gnann

WACKER SILICONES
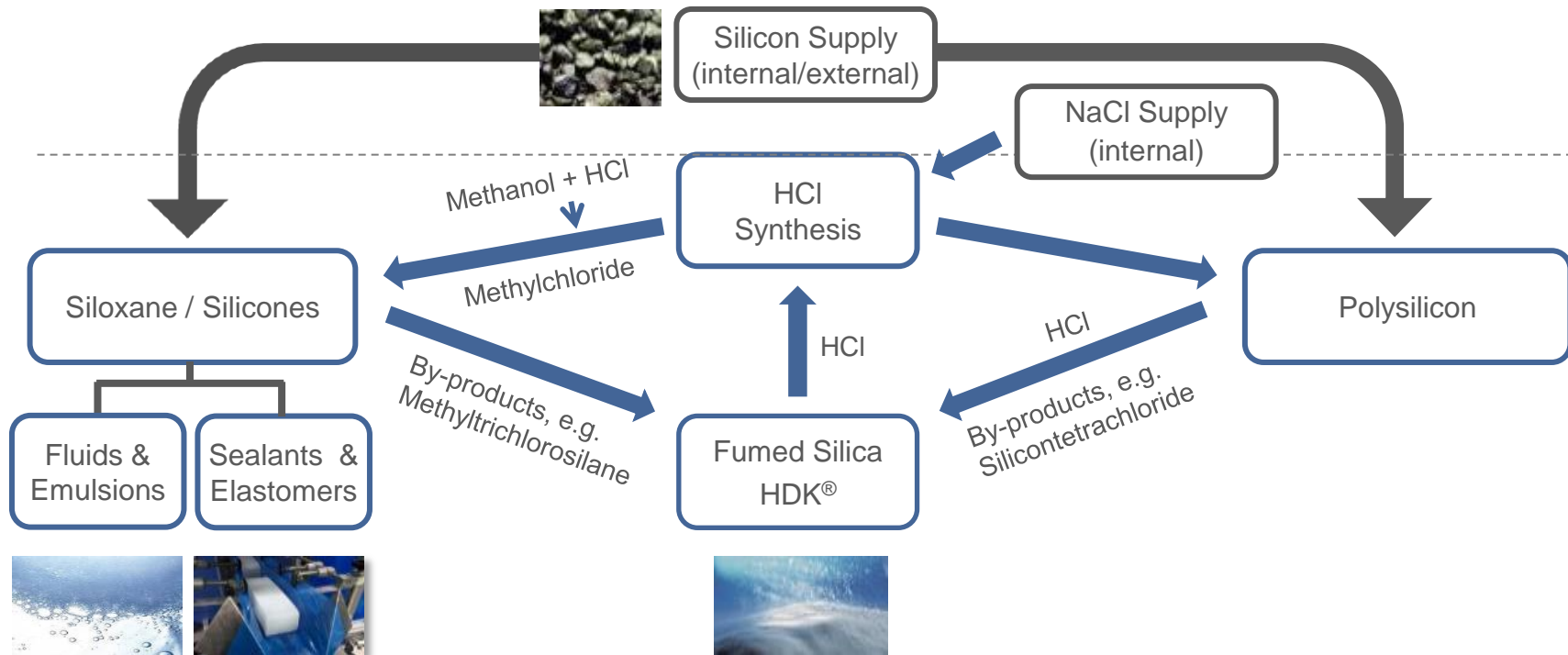## Megatrends & World Class Efficiency Drive Growth

CREATING VALUE IN MULTIPLE INDUSTRIES AND APPLICATIONS

Automotive

Health Care

Advanced Processing Additives

Coatings

Construction

Energy & Electronics

Consumer Care

Manufacturing Machinery

Sales 2015
≈ € 1.95 bn

WACKER SILICONES
Megatrends & World Class Efficiency Drive Growth

EFFICIENCY – INTEGRATED VERBUND SITES AT WORLD SCALE

▶ **>3,000 Products in Multiple Applications and >15,000 direct and indirect Customers**

WACKER SILICONES
Grow Specialties With Break Through Innovations

PROXIMITY TO CUSTOMERS

COEE Korea

Global network of Technical Centers to service customers and develop products & applications
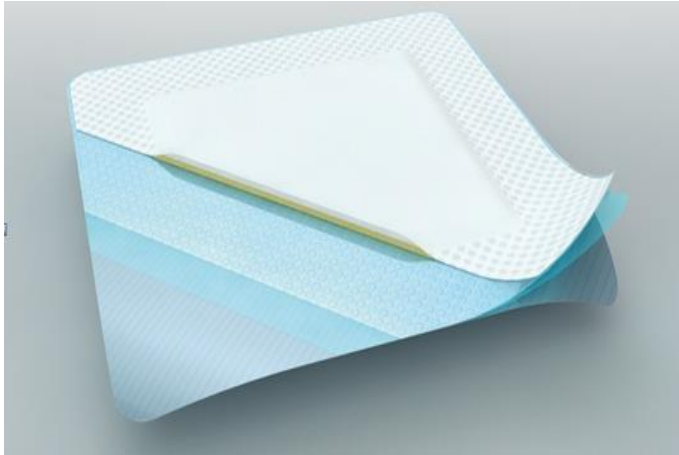
FLEXIBILITY IN SUPPLY CHAIN

Jincheon, May 2016

Groundbreaking Ceremony for New Silicone Specialties site in Korea (GFO Q1/2018)

WACKER SILICONES
Grow Specialties With Break Through Innovations

WOUND CARE DRESSINGS

▶ **Megatrends Ageing Population and Living Comfort drive growth of Health Care Market**

▶ **Skin friendly adhesive for no-trauma replacement in advanced wound care**

▶ **Novel high-adhering product line for traditional wound care applications**

▶ **SILPURAN® - Dedicated brand for medical grade Silicones**

OPTICAL BONDING IN AUTOMOTIVE DISPLAYS

▶ **Anti-Reflection effect**

▶ **High transparent bonding**

▶ **Superior long-term reliability over organic adhesives**

▶ **In line with automotive requirements for the connected car of the future**

WACKER SILICONES Innovation Project:
ACEO® 3D Printing With Silicones

Additive Manufacturing

▸ Direct way from digital model to final part
▸ No tools or molds necessary
▸ Parts are built up layer by layer

ACEO® Technology

▸ Drop on demand
▸ Printing of silicone & support material
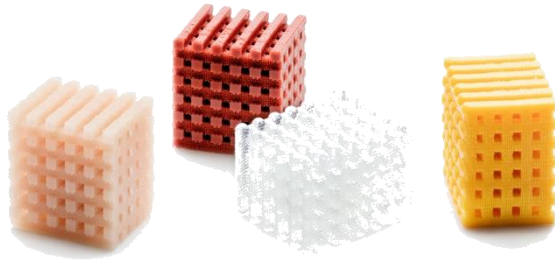→ Enables freedom in design

Print Fab

WACKER SILICONES Innovation Project:
ACEO® 3D Printing With Silicones

Examples

Automotive Gasket

Net Cubes "Impossible Products"

Hollow Dome

Ear Epithesis

Advantages

▸ Individual geometries
▸ Complex structures
▸ Integration of functionality
▸ Fast production times and reduced costs

Applications (e.g.)

▸ Health Care
  ▸ Individualization
  ▸ Biomodeling
▸ Automotive
  ▸ Prototyping
  ▸ Small series