## **Forward-Looking Statements**

This presentation includes forward-looking statements that are subject to risks and uncertainties, including those pertaining to the anticipated benefits to be realized from the proposals described herein.

This presentation contains several forward-looking statements including, in particular, statements about future events, future financial performances, plans, strategies, expectations, prospects, competitive environment, regulation and supply and demand. HEXPOL has based these forward-looking statements on its views with respect to future events and financial performance. Actual financial performance of the entities described herein could differ materially from that projected in the forward-looking statements due to the inherent uncertainty of estimates, forecasts and projections, and financial performance may be better or worse than anticipated.

Given these uncertainties, readers should not put undue reliance on any forward-looking statements. Forward-looking statements represent estimates and assumptions only as of the date that they were made. The information contained in this presentation is subject to change without notice and HEXPOL does not undertake any duty to update the forward-looking statements, and the estimates and assumptions associated with them, except to the extent required by applicable laws and regulations.





# Fast Growing With Strong Margins

Georg Brunstam

President & CEO

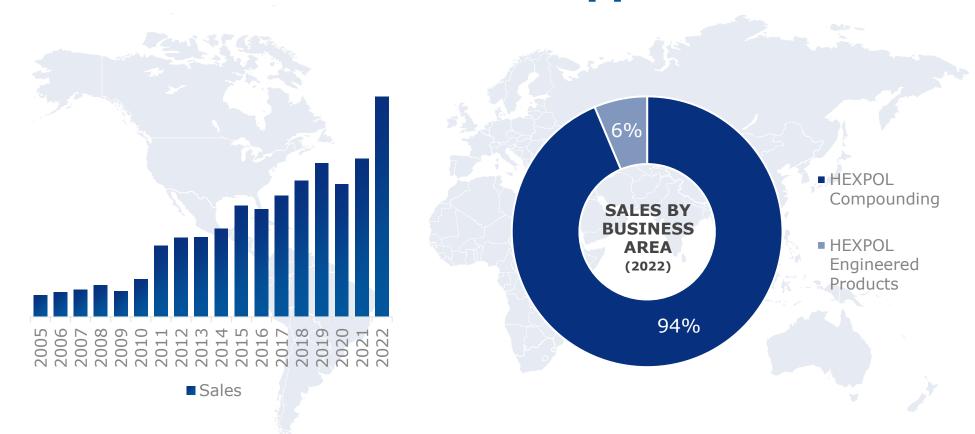


# **Strong Global Position In Advanced Polymer Solutions**



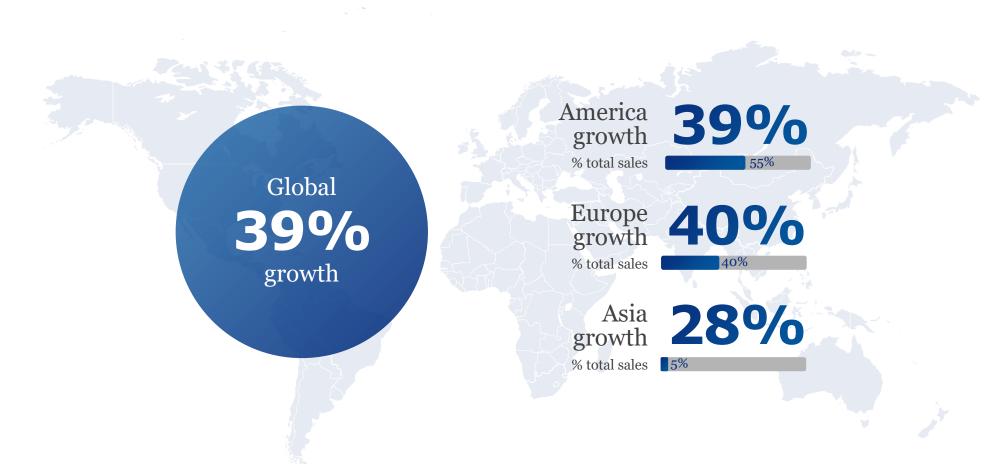


# We Help Customers Worldwide To Secure Critical Applications



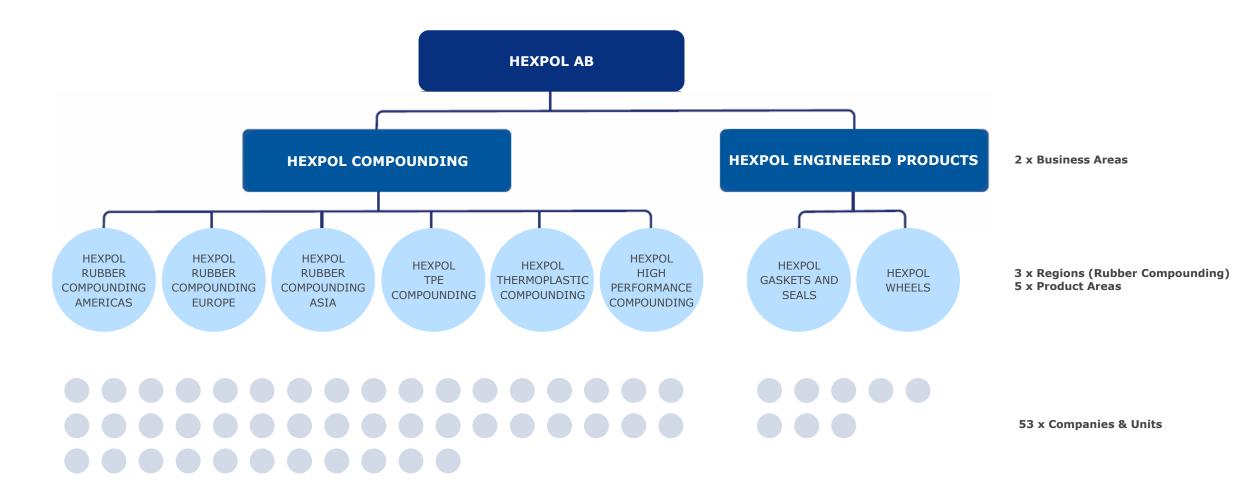


## **Strong Growth During 2022**





## **Empowered Units In A Lean Structure**





### **Our Mission**

We engineer high-quality polymer solutions which improve customer applications, everyday, everywhere



## **Our Vision**

The preferred solutions provider for sustainable polymer applications



# **Our Purpose**

We Create A Material Difference





## **Strong Business Culture**

**Our Core Values Enables A HEXPOL Mindset** 

We Are Close To You We Are Entrepreneurial We Make You Sustainable We Are True Specialists

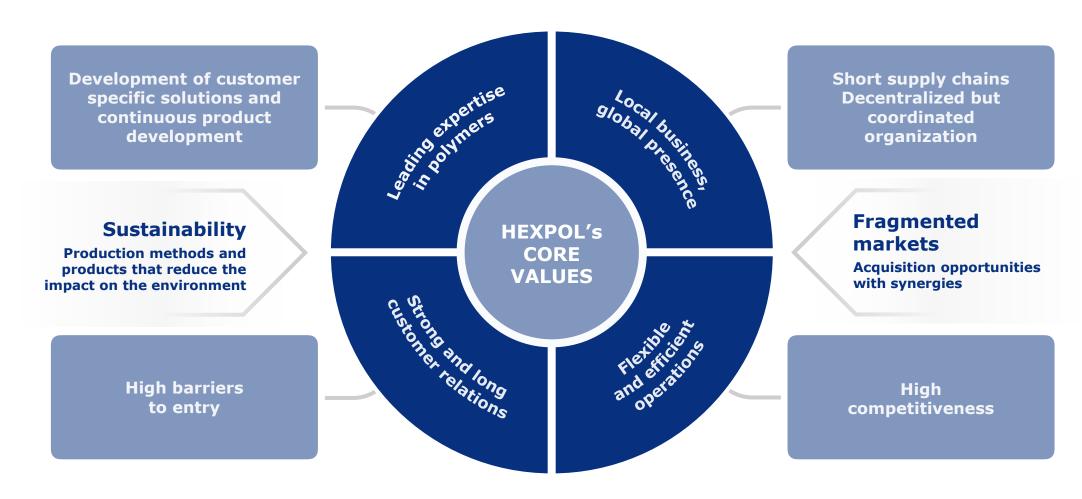
Our global footprint with agile development focused units will ensure that you always have the best local support for your needs. We know our markets, customers and their end products. This ensures that you can grow with us globally in any segment regardless application. A decentralized structure with local experts and close customer contact give you the benefit of speed and creativity combined with the efficiency in a larger structure.

We take sustainability seriously and challenge our businesses to be best in class when it comes to corporate citizenship and to minimize the climate impact.

HEXPOL values technical skills and deep applications knowledge over everything else. This enables us to exceed your expectations and make your products better.



## **Strong Business Model Drives Profitable Growth**

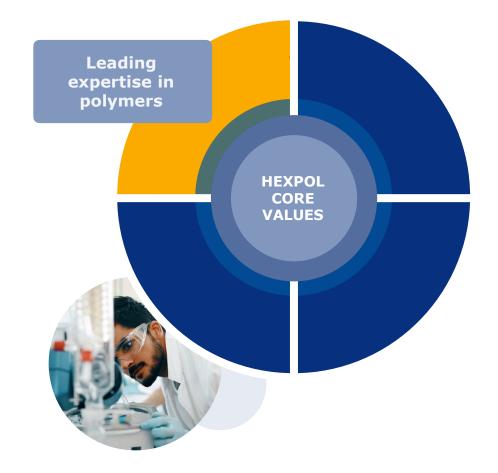




# **Strong Business Model Drives Profitable Growth**

#### Leading expertise in polymers

- HEXPOL develops together with customers and OEMs specific solutions customer development is our focus.
- HEXPOL have more than 100 very qualified and experienced chemists and application engineers.





# **Strong Business Model Drives Profitable Growth**

#### **Local business – global presence**

- HEXPOL has a true global footprint with production, sales and development close to our customers.
- HEXPOL can deliver within short distance to customer eliminating the problem with limited shelf-life.
- Shorter supply chains are a huge advantage in times of major transport problems and trade & tariff barriers.





# **Decentralized And Strongly Coordinated**

Entrepreneurial and empowered units... with global muscles



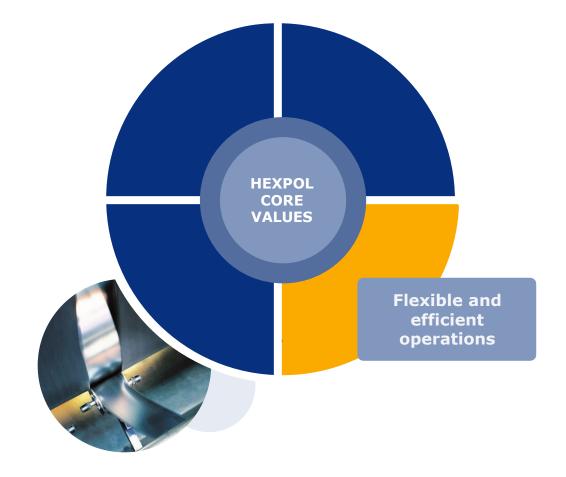
• Guidelines, best practices, technology centers and virtual teams optimize business performance



# **Strong Business Model Drives Profitable Growth**

#### Flexible and efficient operations

- Products are made to customer orders with legal order call offs from customer forecast. This is giving flexibility and the very low working capital is helping profitability.
- The well invested business is batch oriented and benchmarked to lowest possible change over times (start and stop).

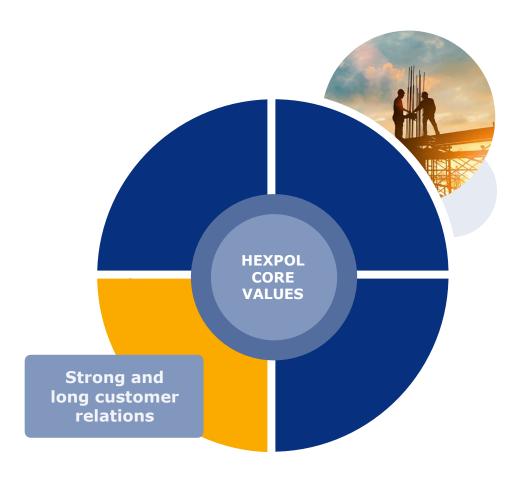




# **Strong Business Model Drives Profitable Growth**

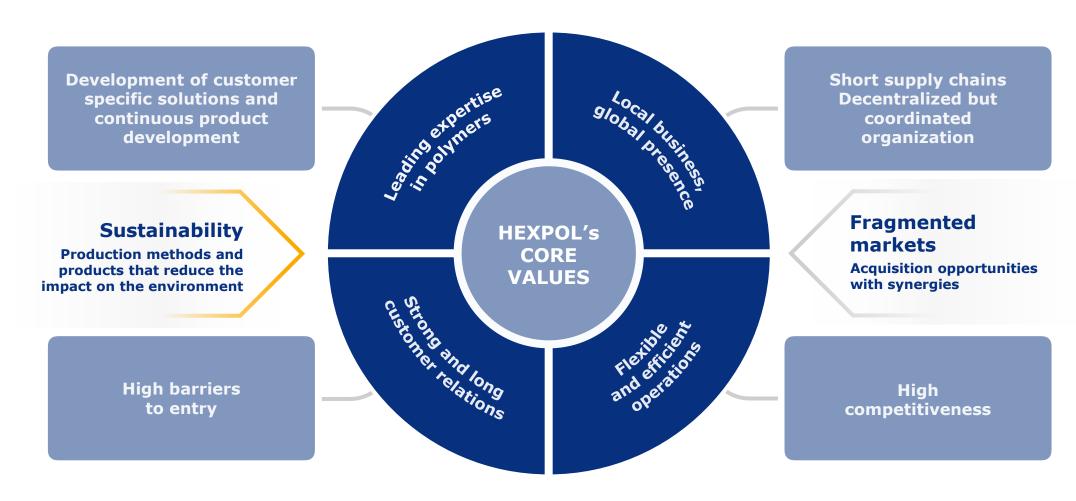
#### Strong and long customer relations

- HEXPOL owns the recipe in most cases.
- Products are subject to approvals after long, expensive and comprehensive testing with customers and OEM and is then very often specified by OEM.
- Many of our customers have been with us 20+ years.





## **Strong Business Model Drives Profitable Growth**





# **Driving Sustainability With Ambitious Targets**

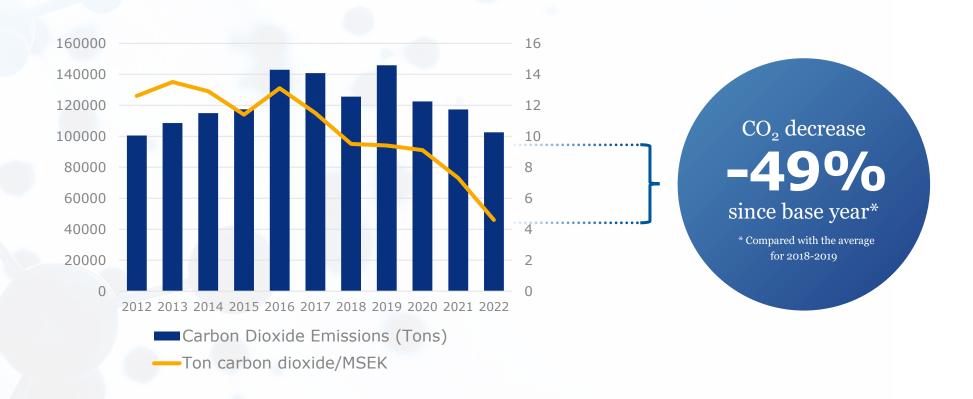
We will further reduce the carbon footprint of our energy use

- 75% reduction of CO<sub>2</sub> emissions by 2025. Compared with the average for 2018-2019 (scope 1 and 2 in accordance with GHG Protocol).
- Increase the purchase of fossil-free energy.
- Increase the energy-efficiency.
- Reduce the use of fossil fuels.
- Continue with installation of solar panels.

We will further develop our portfolio of "green products"

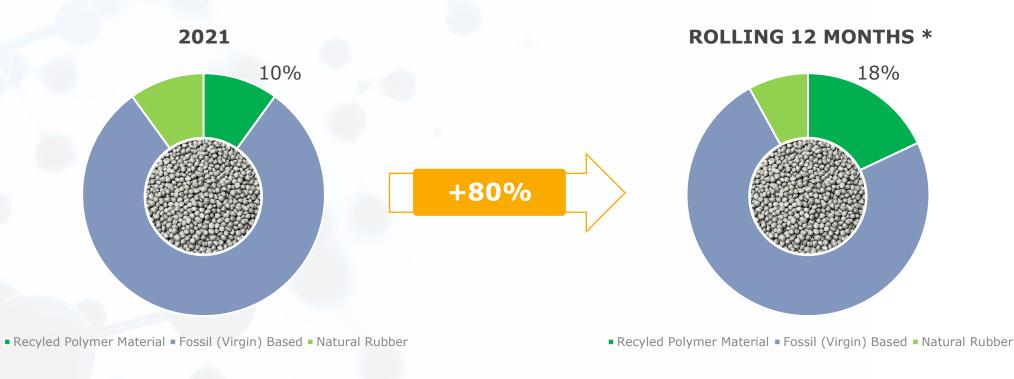
- Increase the use of bio-based and recycled raw materials.
- Strategic and close collaboration with key suppliers on materials, processes and reporting.
- Implementation of circular materials into selected products.
- Provide information about the carbon footprint of our products.

# 75% Reduction Of CO<sub>2</sub> Emissions By 2025





# Strong Increase Of Recycled Polymer Raw Material



 $^{st}$  Decrease of fossil (virgin) based raw material





## almaak Acquisition

Frontrunner in the European thermoplastic market with a specialization in advanced recycled engineered compounds. almaak has high competence and is geared towards automotive.

#### Strategic rationale

- Geographic and market share growth within European thermoplastic compounding.
- Product and capacity expansion in "greener materials", engineered polymers with high level of recycled materials.
- High technical competence and state of the art manufacturing facility with open capacity.

**Turnover:** 75 M EUR.

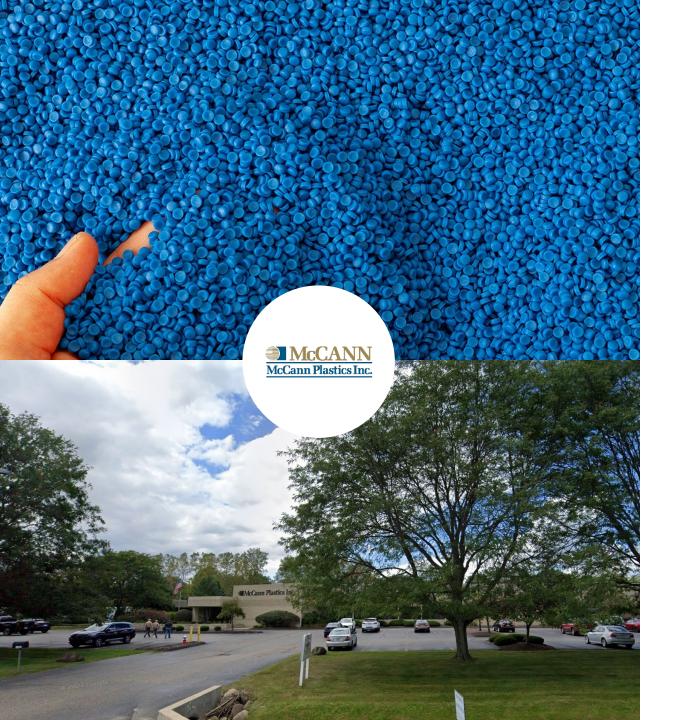
Location: Two sites in Germany, approx. 190 employees.

Markets served: Mainly the automotive industry where the interest for

recycled compounds is high.

**Products offered:** Six product families with unique functionalities.





### **McCann Plastics Acquisition**

A US based thermoplastics compounder with a strong position and high competence in niche thermoplastic compounds, with special focus on roto molding applications.

#### Strategic rationale

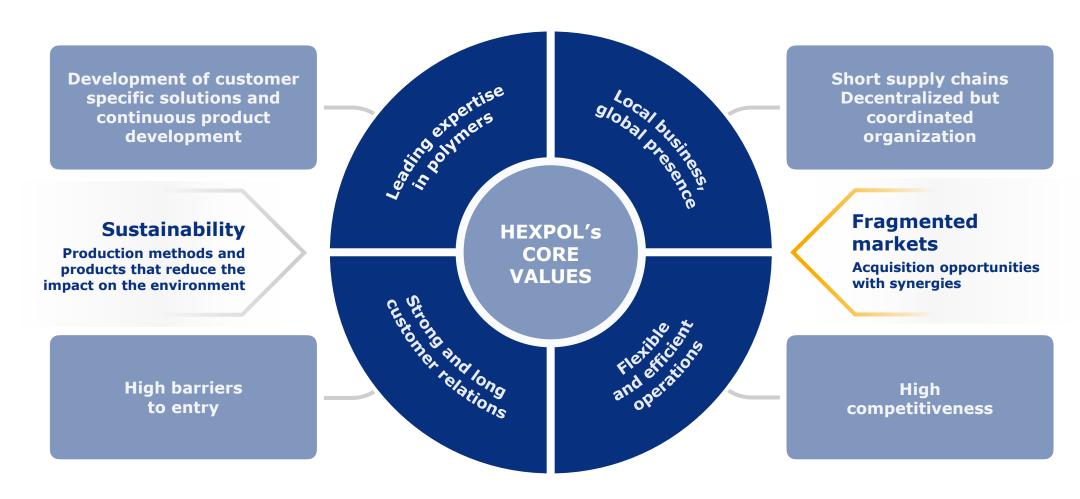
- Complement current Thermoplastics operations in the US and strengthens market position as well as widens customer offer.
- Technology and materials additions, including expertise for roto molding applications.
- Open capacity enable the company's further growth.

Turnover: 72 MUSD.

**Location:** Two sites in Ohio, USA with some 100 employees in total. **Markets served:** Main segments are general industry, agriculture and the fast growth segment of specialized cooling boxes.



## **Strong Business Model Drives Profitable Growth**





# **Acquisitions Continue** To Be Vital To Our **Growth Strategy**

HEXPOL's strategy of both organic and acquired growth in selected segments and markets, combined with strong margins and cash flow, has proven successful and stands firm.

Müller

**EXCEL** 

GOLDKEY PROCESSING, INC.

THONA



2022 sales

22,243

MSEK

# A Fragmented Landscape With Several Acquisition Opportunities



#### **GEOGRAPHICAL EXPANSION**

- Rubber Compounding
- Thermoplastic Elastomers
- Thermoplastics
- High Performance Compounds
- Emerging markets



#### **MARKET CONSOLIDATION**

- Rubber Compounding
  - Geographical gaps
  - New competences
- Polyurethane Wheels
  - Europe
  - Americas



#### **TECHNOLOGY & MATERIALS**

- New Materials
- New Segments
- New Technology
- Alternative Distribution Channels







# **Fast Growing With Strong Margins**

# **Business Update And Trends**

Georg Brunstam

President & CEO



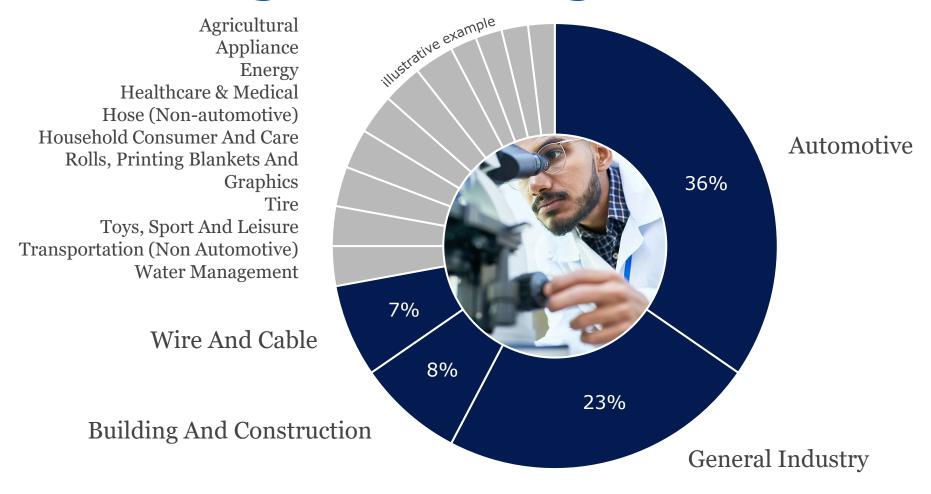
## **Fast Growing And All-Time High Profits**

**STRONG SALES & OPERATING PROFIT** 





# A Well-Positioned Company For Growth In Growing End-User Segments





# **Annually** +4.7% Billions USD 1200 compound annual 1000 800 600 2022 2030

Source: Polymer Market Research Report Global Industry Analysis and Growth Forecast to 2030

by Precedence Research @ October 2022

# **Structural Growth In Polymer Materials**

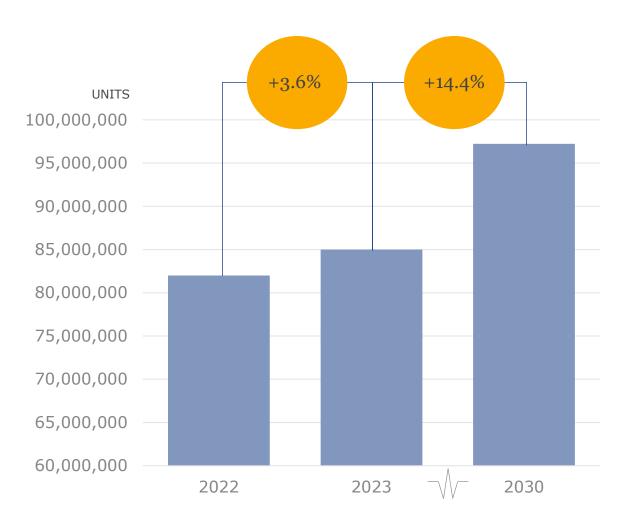
#### **Thermoset, Thermoplastic & Elastomer**

The increasing demand for specialty polymers is fueling the growth of the polymers market. Customers are using polymers to substitute other materials (e.g. metals) due to its low weight and cost.



# **Light Vehicle Production Is Forecasted To Grow**

#### Structural shift from internal combustion to electric propulsion



#### Growth rationale

The global auto industry continues to be influenced by near-term challenges of navigating ongoing supply chain pressures coupled with economic headwinds and intermediate-to-longer term dynamics involving a structural shift from internal combustion to electric propulsion. While semiconductor availability continues to improve, having the right chip for the right vehicle at the right plant can still prove elusive and impact the ability to accelerate production.

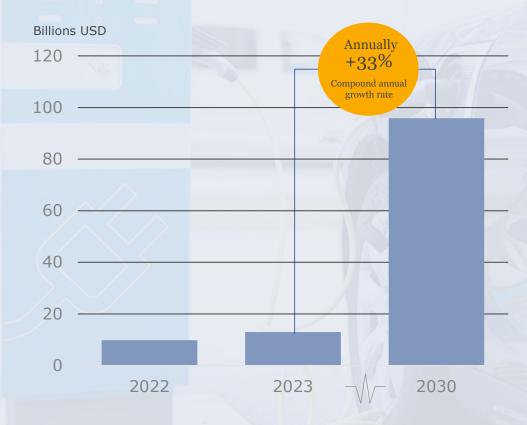
#### Global light vehicle production summary by region

2022	2023	2024	2025	2026	2027	2028	2029	2030
15,688,109	16,522,173	17,461,762	17,694,961	17,680,960	17,746,305	17,897,966	18,214,677	18,041,066
26,347,612	26,621,431	28,076,521	29,355,299	30,448,197	31,167,082	31,967,584	32,657,330	33,074,013
11,131,951	11,703,979	11,417,474	11,270,167	10,771,147	10,892,568	11,049,517	10,937,926	10,731,771
2,242,353	2,329,371	2,487,640	2,568,361	2,619,385	2,606,679	2,532,267	2,470,420	2,476,532
14,307,260	15,084,083	15,849,231	16,479,764	16,480,663	16,333,305	16,486,530	16,471,027	16,333,559
2,828,244	2,996,874	3,183,276	3,385,360	3,542,332	3,758,045	3,934,763	4,130,877	4,263,687
9,462,432	9,728,853	9,766,776	10,204,228	10,593,709	10,788,063	11,317,762	11,697,620	12,303,608
82,007,961	84,986,764	88,242,680	90,958,140	92,136,393	93,292,047	95,186,389	96,579,877	97,224,236
	15,688,109 26,347,612 11,131,951 2,242,353 14,307,260 2,828,244 9,462,432	15,688,109 16,522,173 26,347,612 26,621,431 11,131,951 11,703,979 2,242,353 2,329,371 14,307,260 15,084,083 2,828,244 2,996,874 9,462,432 9,728,853	15,688,109     16,522,173     17,461,762       26,347,612     26,621,431     28,076,521       11,131,951     11,703,979     11,417,474       2,242,353     2,329,371     2,487,640       14,307,260     15,084,083     15,849,231       2,828,244     2,996,874     3,183,276       9,462,432     9,728,853     9,766,776	15,688,109         16,522,173         17,461,762         17,694,961           26,347,612         26,621,431         28,076,521         29,355,299           11,131,951         11,703,979         11,417,474         11,270,167           2,242,353         2,329,371         2,487,640         2,568,361           14,307,260         15,084,083         15,849,231         16,479,764           2,828,244         2,996,874         3,183,276         3,385,360	15,688,109         16,522,173         17,461,762         17,694,961         17,680,960           26,347,612         26,621,431         28,076,521         29,355,299         30,448,197           11,131,951         11,703,979         11,417,474         11,270,167         10,771,147           2,242,353         2,329,371         2,487,640         2,568,361         2,619,385           14,307,260         15,084,083         15,849,231         16,479,764         16,480,663           2,828,244         2,996,874         3,183,276         3,385,360         3,542,332           9,462,432         9,728,853         9,766,776         10,204,228         10,593,709	15,688,109         16,522,173         17,461,762         17,694,961         17,680,960         17,746,305           26,347,612         26,621,431         28,076,521         29,355,299         30,448,197         31,167,082           11,131,951         11,703,979         11,417,474         11,270,167         10,771,147         10,892,568           2,242,353         2,329,371         2,487,640         2,568,361         2,619,385         2,606,679           14,307,260         15,084,083         15,849,231         16,479,764         16,480,663         16,333,305           2,828,244         2,996,874         3,183,276         3,385,360         3,542,332         3,758,045           9,462,432         9,728,853         9,766,776         10,204,228         10,593,709         10,788,063	15,688,109         16,522,173         17,461,762         17,694,961         17,680,960         17,746,305         17,897,966           26,347,612         26,621,431         28,076,521         29,355,299         30,448,197         31,167,082         31,967,584           11,131,951         11,703,979         11,417,474         11,270,167         10,771,147         10,892,568         11,049,517           2,242,353         2,329,371         2,487,640         2,568,361         2,619,385         2,606,679         2,532,267           14,307,260         15,084,083         15,849,231         16,479,764         16,480,663         16,333,305         16,486,530           2,828,244         2,996,874         3,183,276         3,385,360         3,542,332         3,758,045         3,934,763           9,462,432         9,728,853         9,766,776         10,204,228         10,593,709         10,788,063         11,317,762	15,688,109         16,522,173         17,461,762         17,694,961         17,680,960         17,746,305         17,897,966         18,214,677           26,347,612         26,621,431         28,076,521         29,355,299         30,448,197         31,167,082         31,967,584         32,657,330           11,131,951         11,703,979         11,417,474         11,270,167         10,771,147         10,892,568         11,049,517         10,937,926           2,242,353         2,329,371         2,487,640         2,568,361         2,619,385         2,606,679         2,532,267         2,470,420           14,307,260         15,084,083         15,849,231         16,479,764         16,480,663         16,333,305         16,486,530         16,471,027           2,828,244         2,996,874         3,183,276         3,385,360         3,542,332         3,758,045         3,934,763         4,130,877           9,462,432         9,728,853         9,766,776         10,204,228         10,593,709         10,788,063         11,317,762         11,697,620

Source: Light Vehicle Production (LVP) according to S&P @ February 2023



#### **Global Electric Vehicle Polymers Market**



Source: Electric Vehicle Polymers Market Research Report by 360iResearch @ January 2023

# **Accelerated Polymer Usage in Electric Vehicles**

#### **Thermoset, Thermoplastic & Elastomer**

- As BEV's often are completely new designs the opportunity to make radical shifts in materials are significant.
- Polymers and polymer alloys can in many cases have better properties than metals at a much lower weight and cost.
- The increased focus on recycled raw materials and green production processes favors polymer materials.



# Polymer Content Increasing In Electric Vehicles (BEV)

Vs. Internal Combustion Engine Vehicles (ICE)

#### Structural parts & Interior

 Metal structural parts are replaced by polymer materials to save weight

 Other metal parts are likely to switch to polymer materials due to easier processability

 Interior parts are rapidly moving to polymers due to aesthetics and functional requirements

#### **Charging infrastructure**

- Cable and connectors for supercharger
- Infrastructure cabling for charging stations



**ICE Powertrain** 

13 kg



Combustion Engine Compartment **BEV Powertrain** 

30 kg

Battery frame Connectors Electric housings Sealing for battery housing

- Dampening mats for battery cells
- Cooling systems for battery pack
- Sealing for F-Cell housing
- Layer sealing

**Battery** 

• Huge increase in automotive cabling

Source: Polymers in passenger car powertrains by Mann + Hummel and BASF



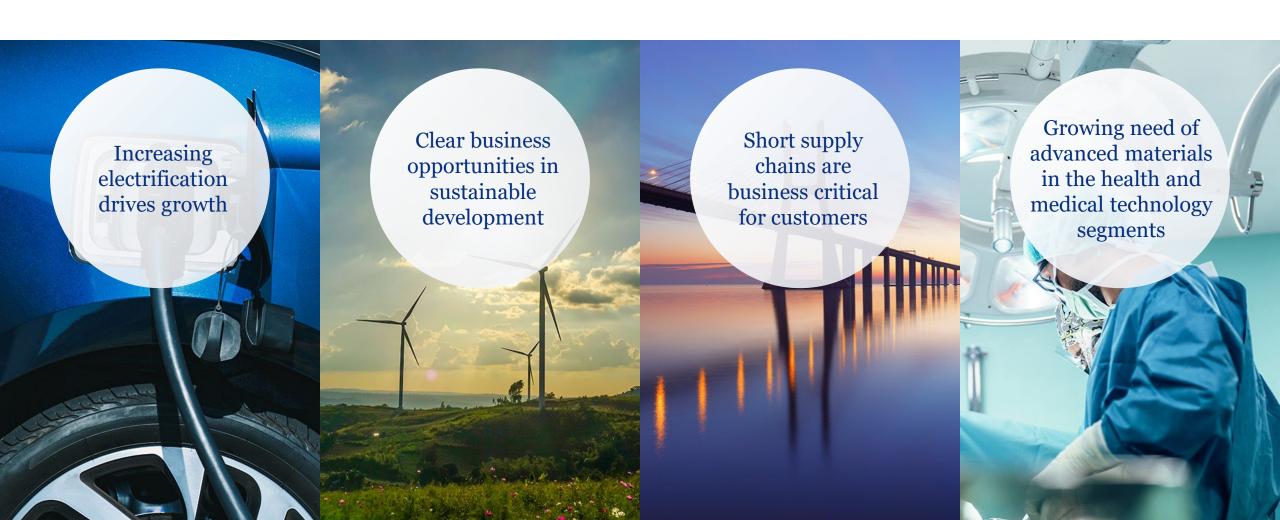
## **HEXPOL Benefit From E-Mobility**

#### **Growth In Main Applications**

HEXPOL's Main Applications % of HEXPOL Compounding sales to automotive	Plug-in Hybrid	Fully Electric			
Weatherstrip		sed demand for noise cancellation weighting for range extension			
Suspension & Dampening	<ul> <li>Different load distribution</li> <li>More air spring systems</li> <li>Different requirements</li> </ul>				
Hose	<ul> <li>Higher temperature requirements</li> <li>Need for High Performance elastomers</li> </ul>	<ul> <li>Only cooling hoses and AC (no Turbo, no fuel pipe)</li> <li>Cooling might not need flexible hoses</li> </ul>			
Tire	Weight reduction development	<ul><li>Different design</li><li>Different material requirements</li></ul>			
Belt Belt	• Transmission of auxiliaries via ICE	• E-drives won't need timing belts • Water & AC Systems might be in line with E-drive			
Wire & Cable		sensors and more cable ing cables			



# **Growth Oriented Mindset Supported By Macro Trends**



## **HEXPOL Rubber Compounding**

#### **MARKET**

- · Global market growth
- Recovery in Automotive, Building & Construction and General Industry

#### **HEXPOL POSITION**

- Leading position in Europe and Americas
- Profitable niche position in China

### **COUNTRIES WITH UNITS**



#### **GROWTH OPPORTUNITIES**

- Growth in Automotive, Building & Construction, General Industry
- Geographic growth, in regions where we are not present or weak e.g. Asia, South and Eastern Europe, Canada, South America and regions within the US
- Market share growth, with customer development and new applications

#### **RECENT ACQUISITIONS**







#### **KEY SEGMENTS & CUSTOMERS**









- Automotive
- Building & Construction
- General Industry
- Wire & Cable

#### **COMPETITIVE LANDSCAPE**

Fragmented market, few global **COMPETITORS:** competitors, many local players, many family and PE owned companies.

Dynamix, AirBoss, Kraiburg, PTE, Elastorsa and many family-owned smaller players













#### **GROWTH PLAN**

- (1) Market share, new and existing customers
- 1 New applications
- Tragmented market, giving many acquisition possibilities





# **HEXPOL High Performance Compounding**

#### **MARKET**

Global market with structural growth

#### **HEXPOL POSITION**

- Good European position in silicone compounding
- Developing position in US and UK

# **COUNTRIES WITH UNITS**

#### **GROWTH OPPORTUNITIES**

- Growth in Building & Construction, automotive, PVC replacement
- Develop position in US and UK, opportunities in northern Europe and Asia

#### **COMPETITIVE LANDSCAPE**

Fragmented market with many medium and small sized players except for some few major global players especially in US

#### **COMPETITORS:**

Wacker, TSF, Momentive

#### **KEY SEGMENTS & CUSTOMERS**









• Building & Construction

• Wire & Cable

Automotive









#### **GROWTH PLAN**

- Market share, new and existing customers
- 1 New applications
- (1) Geographical expansion
- Attractive acquisition possibilities



## **HEXPOL Thermoplastic Compounding**

#### **MARKET**

Major global market with structural growth

#### **HEXPOL POSITION**

- Good position in US
- Growing position in Europe
- No position in Asia

# **COUNTRIES WITH UNITS**

#### **GROWTH OPPORTUNITIES**

- Growth in all applications, e.g. Automotive and Appliance
- Growing position in EU and no position in Asia
- Acquisitions in reinforced PP, PC, PA

#### **RECENT ACQUISITIONS**





#### **COMPETITIVE LANDSCAPE**

Major global, sometime commodity applications, fragmented market with many midsized and small players.

#### **COMPETITORS:**

vertically integrated, players for Washington Penn, BADA, RTC, Asahi, Magna, SABIC, Borealis, Avient among many others.

#### **KEY SEGMENTS & CUSTOMERS**







- Automotive
- General Industry
- Appliance







#### **GROWTH PLAN**

- (1) Market share, new and existing customers
- 1 New applications
- Major acquisition possibilities



## **HEXPOL TPE Compounding**

#### **MARKET**

Global market with structural growth

#### **HEXPOL POSITION**

- Good European position
- Americas weak position
- Asia weak but improving

#### **COMPETITIVE LANDSCAPE**

Fragmented market but some bigger global players.

#### **COMPETITORS:**

Kraiburg, S.o.f.t.er, Teknor Apex, Avient, Multibase

# **COUNTRIES WITH UNITS**

#### **GROWTH OPPORTUNITIES**

- Organic growth, in medical, healthcare, automotive and consumer
- · Geographical expansion US, Asia and South Europe

#### **KEY SEGMENTS & CUSTOMERS**













- Building & Construction • Healthcare & Medical
  - Household Consumer & Care
  - Toys, Sport & Leisure

















#### **GROWTH PLAN**

- (1) Market share, new and existing customers
- 1 New applications
- (†) Geographical expansion
- Attractive acquisition possibilities (but few sellers)



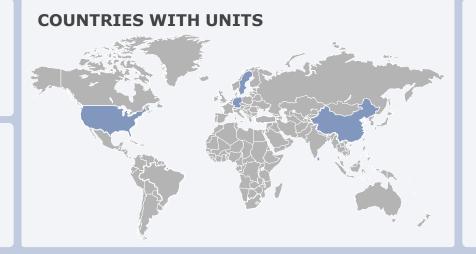
### **HEXPOL Wheels**

#### **MARKET**

Global market with structural growth driven by e commerce / material handling

#### **HEXPOL POSITION**

Good global position



#### **GROWTH OPPORTUNITIES**

Structural growth in e-commerce, automation, transportation and material handling

#### **COMPETITIVE LANDSCAPE**

Fragmented market with some sizeable family-owned German players, consolidation needed.

#### **COMPETITORS:**

Wicke, RaderVogel, Superior, Thombert

#### **KEY SEGMENTS & CUSTOMERS**









- Automation
- E-commerce

TOYOTA

MATERIAL HANDLING







#### **GROWTH PLAN**

- Market share, new and existing customers
- 1 New applications
- Market consolidation, acquisition possibilities



### **HEXPOL Gaskets & Seals**

#### **MARKET**

Global market with growth, driven by environmental requirements

#### **HEXPOL POSITION**

- Leading position in Europe and Asia (Plate Heat Exchangers)
- Developing position in US

# COUNTRIES WITH UNITS

#### **GROWTH OPPORTUNITIES**

- Growth in energy saving applications
- PHE Gaskets is a niche market, growth driven by environmental improvements
- Geographical growth in the US

#### **COMPETITIVE LANDSCAPE**

Consolidated niche market, few global players, local small players. competitors:



#### **GROWTH PLAN**

Geographical expansion

\*HEXPOL



