

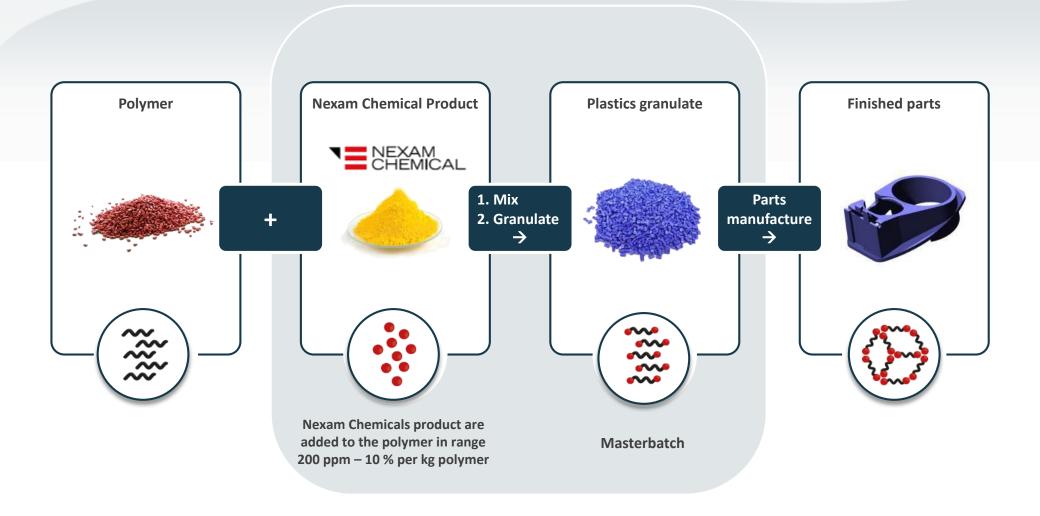
Agenda



- Nexam Chemical
- Market overview
- Strategy 3 focus areas
- Business model
- Strategic outlook
- Q&A

Nexam Chemical's products in the value chain TENEXAM CHEMICAL





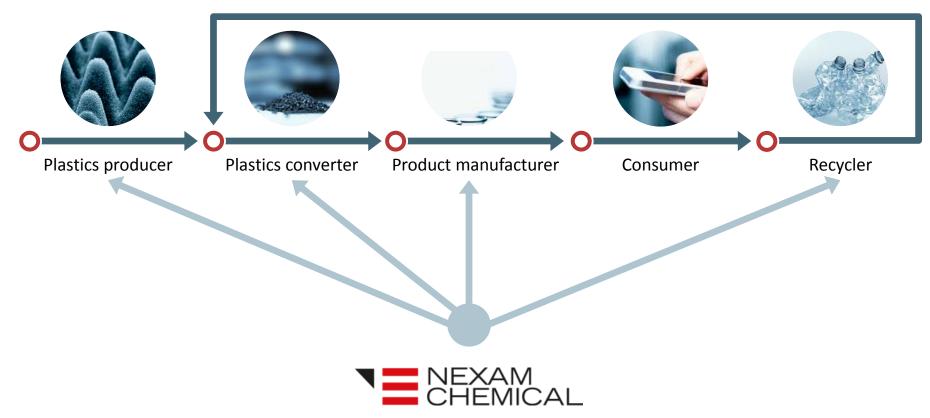
Background



Focus: Investing in R&D					Focus: Commercialisation		
2009	2010	2011	2012	2013	2014	2015	2016
rmed following a anagement buyout polyet om Perstorp Severa are for asstic processing lab Pre-lai	ons and hylene all partnerships med unch of the	and existing ones are	NEXIMID® to new customers within the polymide industry • Pre-launch of the NEXAMITE®-family	 Nexam Chemical's products are starting to be included in customers recipes Volumes are scaled up The plastic processing 	Nexam Chemical continues to form	with Evonik Jayhawk regarding polymide solutions • First industrial order regarding product for	First order for industria production of PET-foar 3 MSEK order from pip manufacturer Share issue provide 129 MSEK for coming
al the annualization	IID®-family	further intensified Nexam Chemical acquires a production facility in Scotland	following positive results within nylons, PET and polyethylene Production facility and R St Andrews (Scotland)	lab is up and running The first application within electronics is confirmed Nexam Chemical is listed on Nasdaq Stockholm First North	material, based on Nexam Chemical's product, for film production in Japan	modification of plastic pipes • First orders within the product range high performance Distributions of plastic pipes	expansion • Supply agreement with DIAB • 5.3 MSEK order of high performance

Value chain





Nexam Chemical's solutions can improve the properties of plastics and production processes in all steps of the value chain

Value proposition



Nexam Chemical develops technology and products that aim to **cost-efficiently**, and with **production technique intact**, significantly **enhance the properties** of polymeric materials using **conventional processing equipment**

Enhanced properties

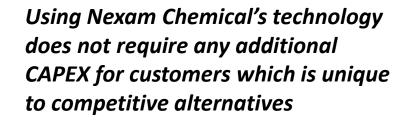
- Increased mechanical properties strength, toughness
- Improved heat resistance
- Chemical resistance

Reduced manufacturing cost

- Increased production efficiency
- Lower material cost less material, cheaper material

Lower environmental impact

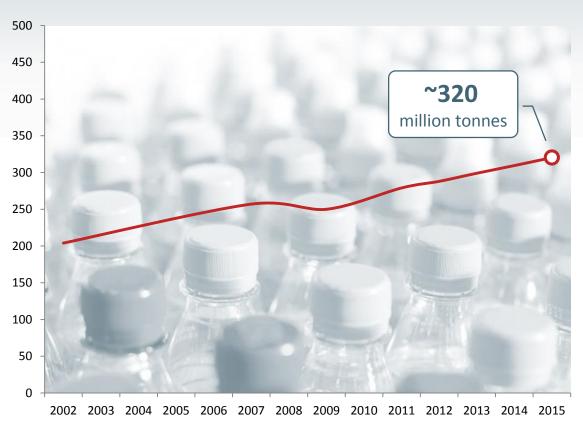
- Upgrades larger portion of recycled plastics lower cost
- Lower weight of products



Market overview



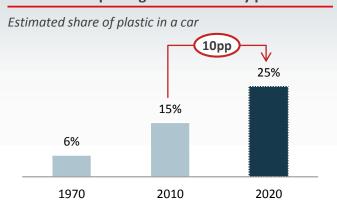
Global plastic production (million tonnes)



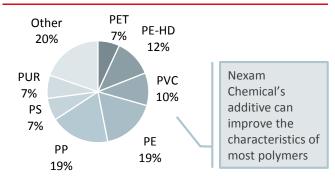
Nexam Chemical's products can add value to a large part of the global plastic market

European market Source: Nexam Chemical, PlasticsEurope

Plastics are replacing metals in many products



Plastic demand by type of polymer¹

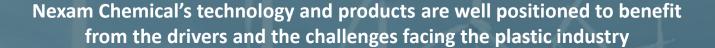


Market drivers



Nexam Chemical's market is mature and characterised by stable growth and demand for cost-efficient innovations

- Continuous growing use of plastics
- Increasing sustainability requirements (recycling, life cycle etc.)
- Health and safety regulations (REACH)
- Innovation need (replacement of materials i.e. metal)
- Process and material efficiency (cost)



Nexam Chemical's strategy – three focus areas = NEXAM CHEMICAL



Polyester foam



- Status:
 - Commercialisation
- **Application areas:**
 - Buildings, infrastructure, windmills
- **Drivers:**
 - Stronger and lighter foam enable larger and energy efficient constructions

Polyethylene pipe



- Status:
 - Commercialisation
- **Application areas:**
 - Tubing, pipelines, cables
- **Drivers:**
 - Enables production of plastic tubing in larger dimensions, with improved durability and decreased environmental impact
- Replaces metal, cement and other heavy materials

High performance



- Status:
 - Commercialisation
- Application areas:
 - Cars, electric power industry, airplanes
- **Drivers:**
 - Enhanced properties, e.g. heat/chemical resistance, strength
 - Processability
 - Replaces heavier material, e.g. metal

Engineering polyester foam



Market characteristics

20 kton

annual market demand

>10%

annual growth rate

Application areas:

Light weight material used within wind energy, transportation/automotive and building sectors

Nexam Chemical's offer

>>100% improvement in key mechanical properties

Allows customer to:

- Reduce density raw material cost savings
- Increase performance competitive to high performance foams
- 3. Choose preferred material PET instead of PVC
- 4. Use recycled Plastic save money on RM, "green" profile

Illustrative product examples







Source: Nexam Chemical

Polyethylene pipe



Market characteristics

4,000 kton

annual market demand

>5%

annual growth rate

Application areas:

Gas- and water supply in industrial, rural and household applications

Illustrative product examples







Nexam Chemical's offer

Improved key parameters for processing and performance of polyethylene pipe

Allows customer to:

- .. Meet higher specifications/standards even for high-end applications
- 2. Upgrade commodity grade to high-margin products
- 3. Possibility to increase use of recycled material
 - dramatic reduction in cost
- 4. Replace less favourable processing chemistry i.e. peroxides

Source: Nexam Chemical

High Performance



Market characteristics

5 kton

annual market demand

>10%

annual growth rate

Application areas:

Ultra advanced plastics applications. Space, aircraft and electronics.

Nexam Chemical's offer

Enables a new product with outstanding processing properties and performance

Allows customer to:

- 1. Meet novel requirements, which cannot be addressed by conventional technology
- 2. Combine excellent processability with extraordinary material properties.

Illustrative product examples

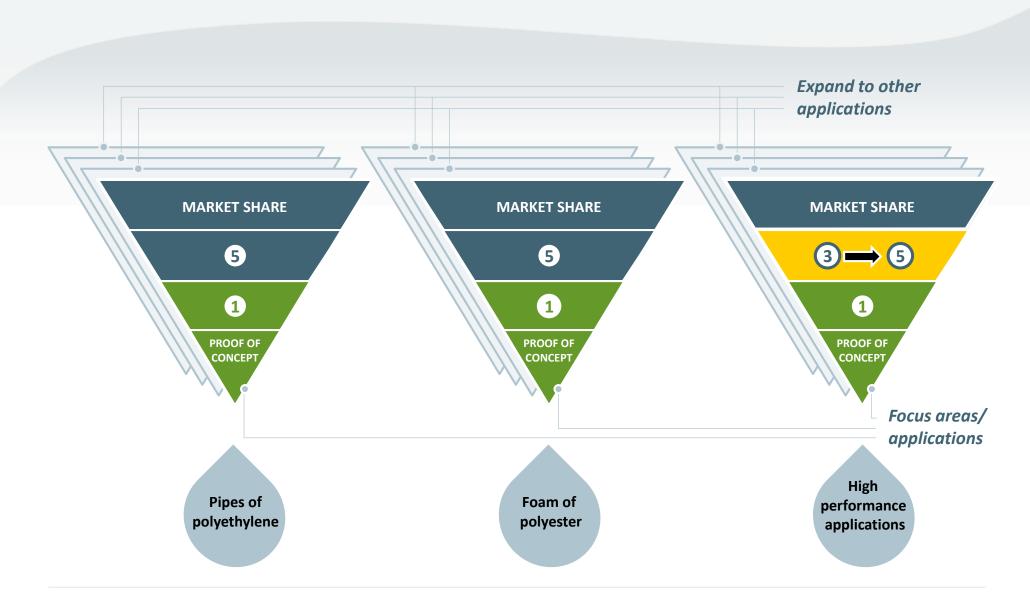




Source: Nexam Chemical

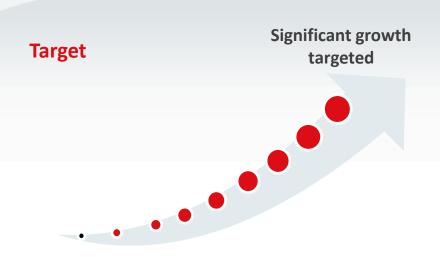
Business Model





Profitable growth path-Organic/Aquired





Customer intimacy-Business development

- Customers requiring Master Batch = MB needed
- More customers = more sales resources
- More sales = more production capacity
- More sales = efficient processes and systems
- Regulatory investments needed

Tactical implications

- Secure master batch capacity in-house or externally
- Appoint technical sales resources per geographic area
- Develop processes and supporting systems for SCM, Sales efficiency, QM.
- Profit maximization

Growth paths Organic Acquired Low investment Time consuming Speed Price premium Hand picked staff Less experienced **Target location** Profit lever Flexibility Lower profit Experience Complexity potential Strategic fit Mgmt focus rPET



Thank you!



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