

Safic Alcan

Creating value since 1847

POLYURETHANES

Petr Folta



SAFIC ALCAN WORLDWIDE

Exclusively focused on speciality chemicals

WITH STRONG MARKET POSITIONING

Safic-Alcan is positioned as a pure player of specialty chemicals distributing high technical products used in very specific applications

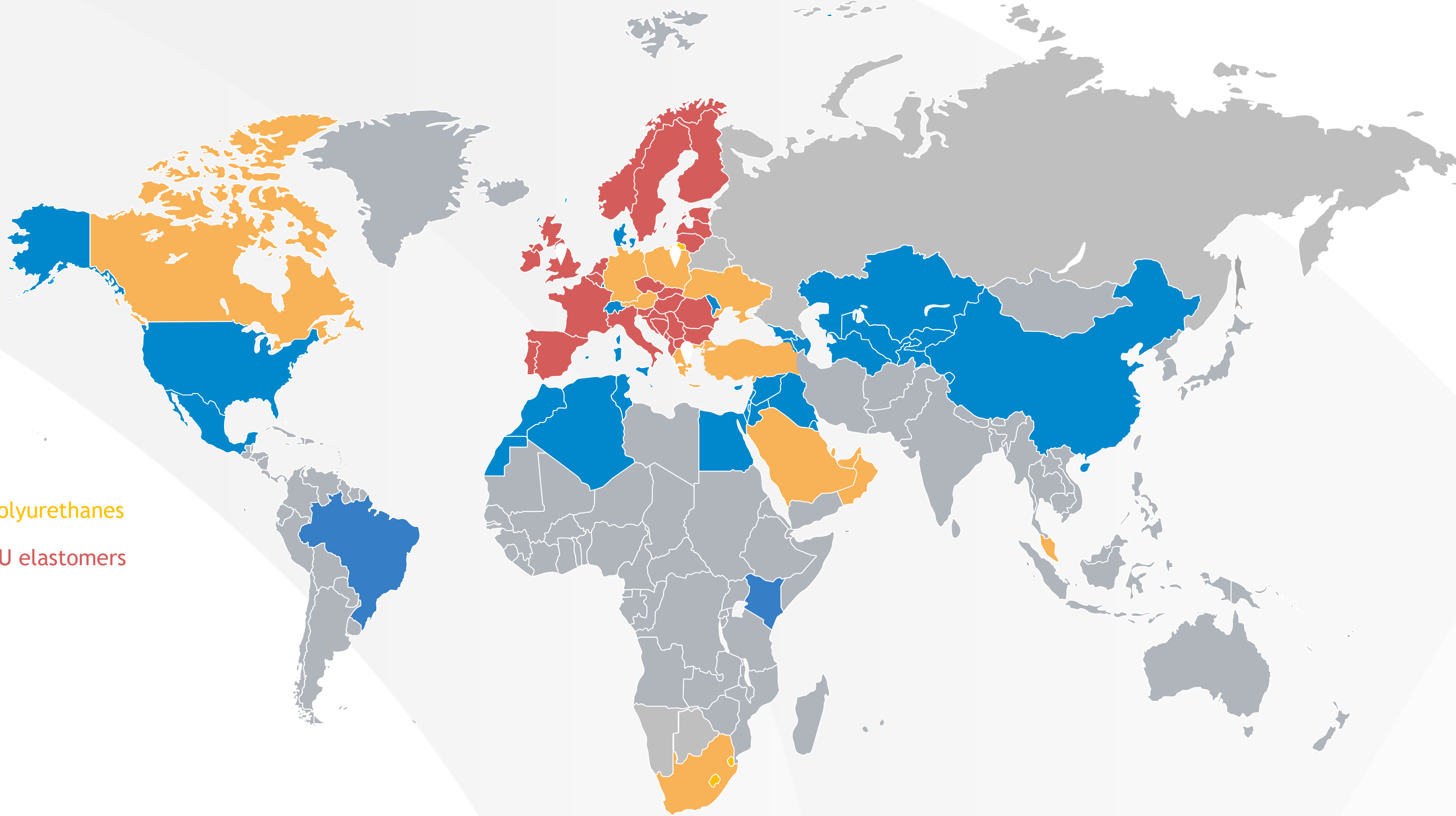
TOP 5 IN EUROPE FOR PURE SPECIALITY CHEMICALS

- #1 in Rubber in Europe
- One of the leaders in France and Spain on Life Sciences
- Significant player in coatings, adhesives, plastics, polyurethane, pharmacy and personal care across Europe



SAFIC-ALCAN Worldwide

- Safic-Alcan
- Safic-Alcan polyurethanes
- Safic-Alcan PU elastomers



SA CZECH responsibility



Brno Offices
Management, Financial,
Customer service



Brno Warehouse & Logistic

Praque Warehouse & Logistic



Bratislava Office
Virtual

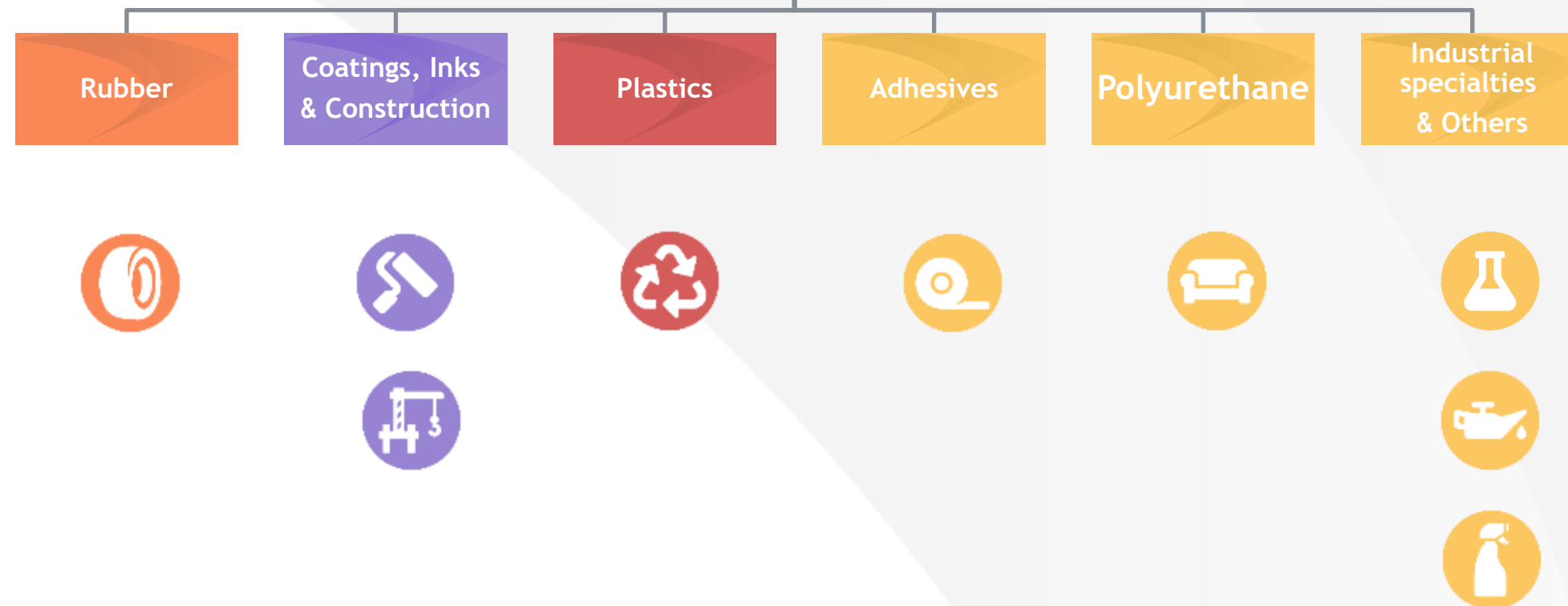


Slovakia Warehouse & Logistic
Forecast 2025

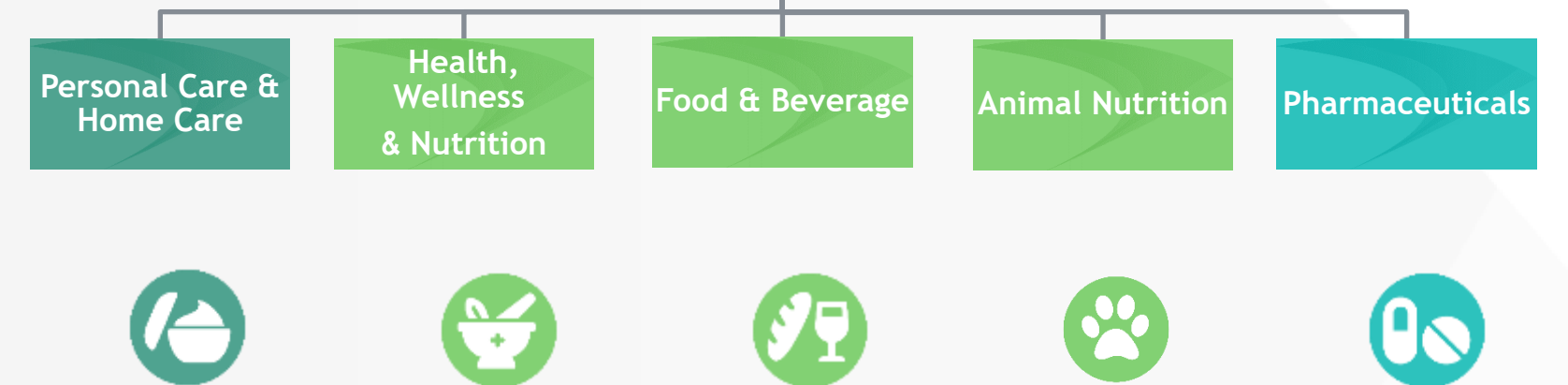
SAFIC ALCAN Česko

Safic-Alcan covers a wide range of applications and markets

PERFORMANCE PRODUCTS



LIFE SCIENCES



Introduction



Petr Folta

Safic: since 1.1.2022

Education: Technical university - Polymers

Background:

- 4 years technologist for plastic extrusion

- 6 years R&D fuel and oil rubber hoses

- 7 years KAM of large plastic parts (RIM PUR)

Responsibility at SACZ:

- PUR systems and additives

- Release agents

- IMC paints and colour pastes

- PU additives

- Binders

- EPDM granulates for playgrounds

Elastomers



Mining Screens



Wheels



Airless Tires



Scrapers



Pipe Pigs



Personal Protection Equipment



Cyclones



Rollers



dampers



Machine Mounts



Edge Banding



Pipe Protection



Equipment Parts



Models Making



Seals



Pipe Gaskets



Gears



Mould Making

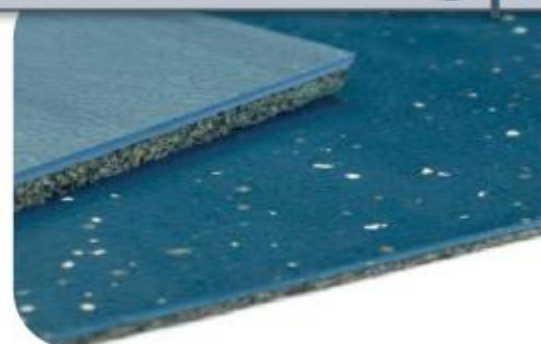


Binders

Sport



Artificial Turf
shockpad



Indoor sports
floor



Impact walls



Mat cores

Construction



Impact Noise



Building protection



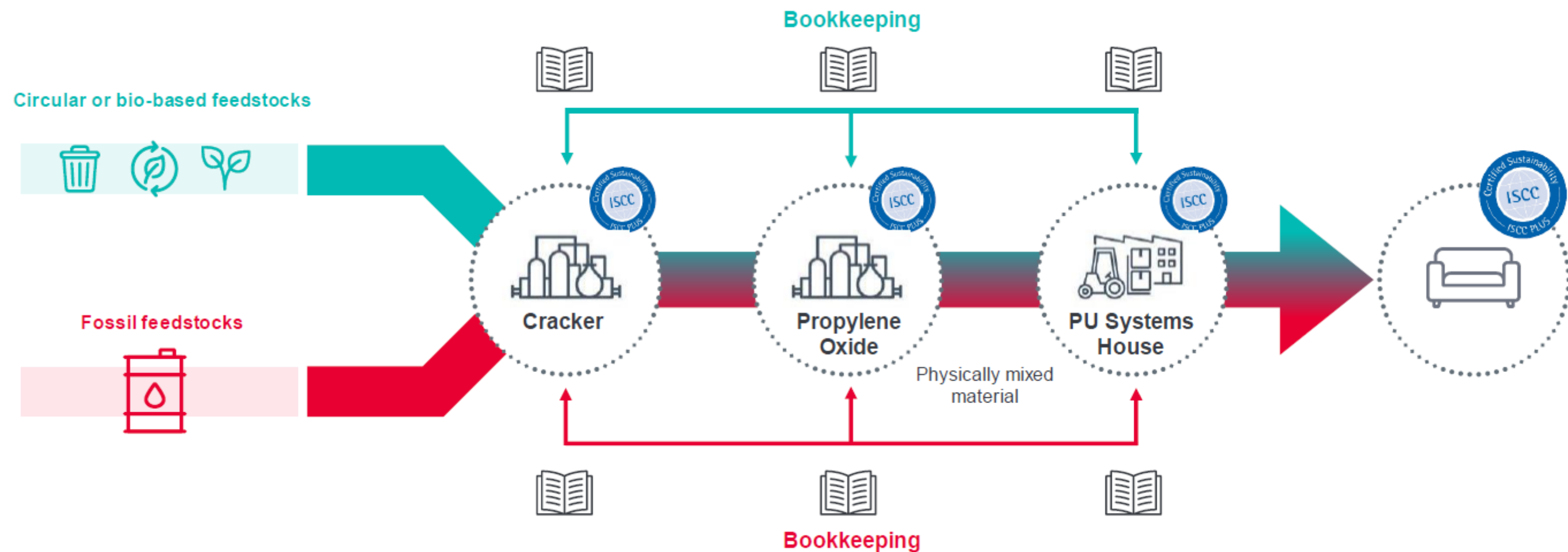
Stable mats –



Packaging



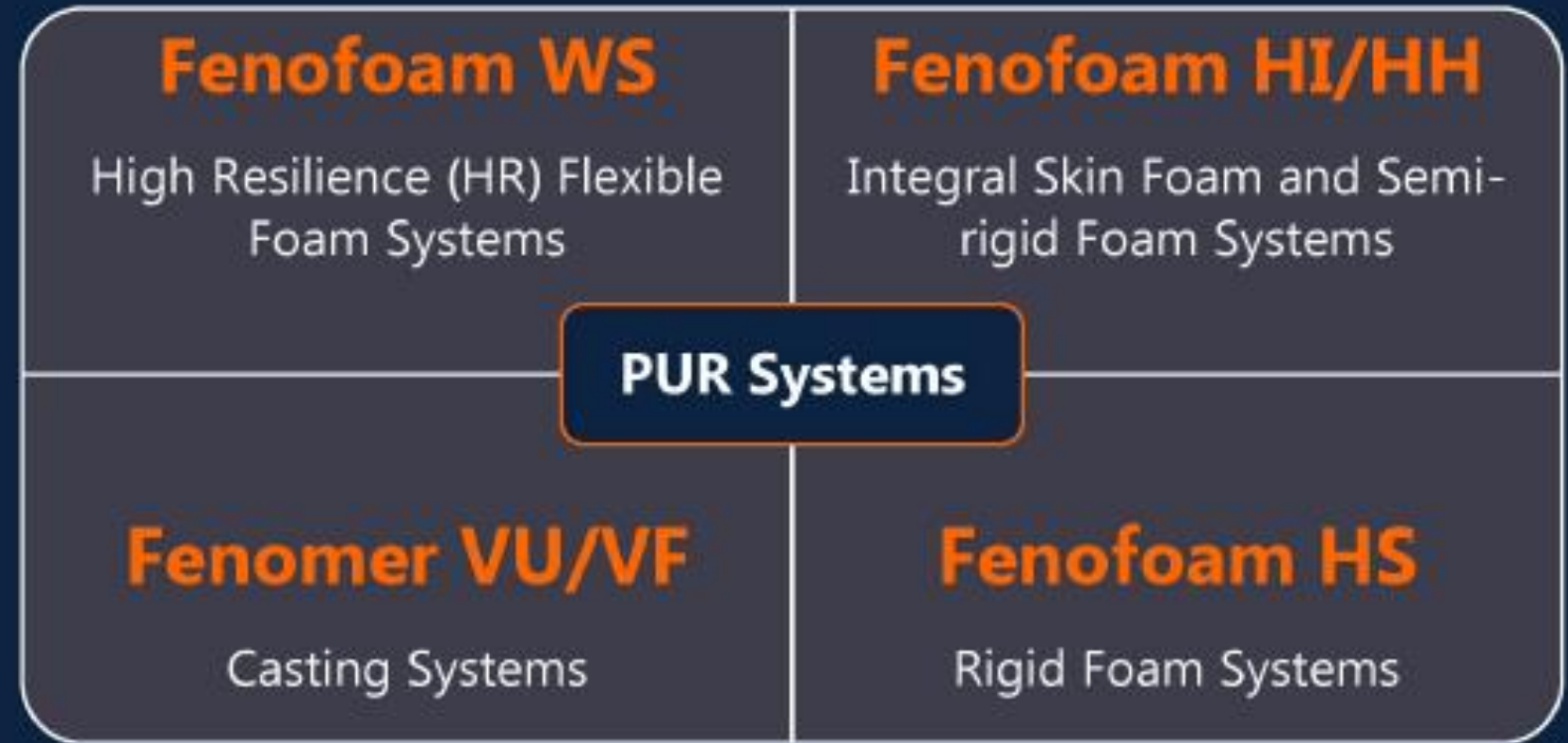
Circular economy



All virgin grades are (will be) available in circular versions



FENOS



FENOS



Fenomelt
Hotmelt Adhesives



FENOS



A vertical section with a red header bar on the left. The background image shows a person in a white protective suit and mask, working with a spray gun on a wooden structure.

PU SYSTEMS

- SPRAY
- INSULATION PANELS
- COATINGS | POLYUREA
- INDUSTRIAL SYSTEMS

A vertical section with a green header bar on the left. The background image shows a close-up of a car's interior, focusing on the dashboard and steering wheel.

POLYESTER POLYOLS

- RIGID FOAM
- FLEXIBLE FOAM
- GREEN POLYESTER POLYOLS (BIO)
- CASE
- FOOTWEAR
- REACTIVE HOT MELTS

A vertical section with a blue header bar on the left. The background image shows a close-up of a yellow industrial machine, possibly a pump or valve.

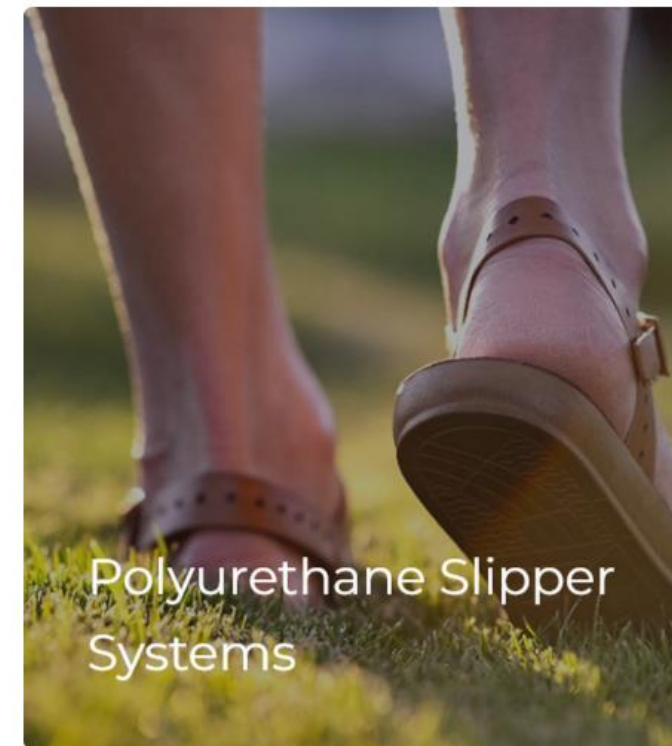
SPECIALTIES

- ACCUACRIL | SYNTHEMUL
- ACCUAFER | ACCUAPOL
ACCUAPOX
- ACCUAPUR
- SYNTHACRIL
- SYNTHAN
- SYNTHANE
- SYNTHANOL



Systems

- Open cell spray foams - Master PUR SO-08
- Footwear
- Others



Hard foam systems

- Spray
- Panels
- Boilers and containers
- Light weight protecting packaging
- Orthopedic
- Taxidermy
- Store mannequin



Release agents

Solvent and water base for PU

- Microcellular elastomers
- Flexible foams
- Integrall skin foams
- Rigid foams
- Semirigid foams
- RIM
- Cast elastomers

formiçals



IMC paints & colour pastes

formiicals

Full colour range for PUR applications

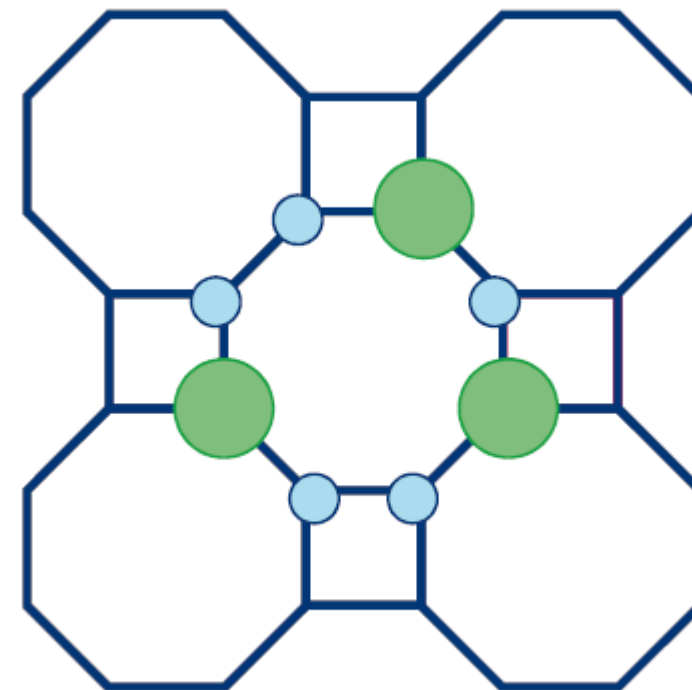
- Flexible foams
- Integrall skin foams
- Footwear
- Cast elastomers
- Furniture



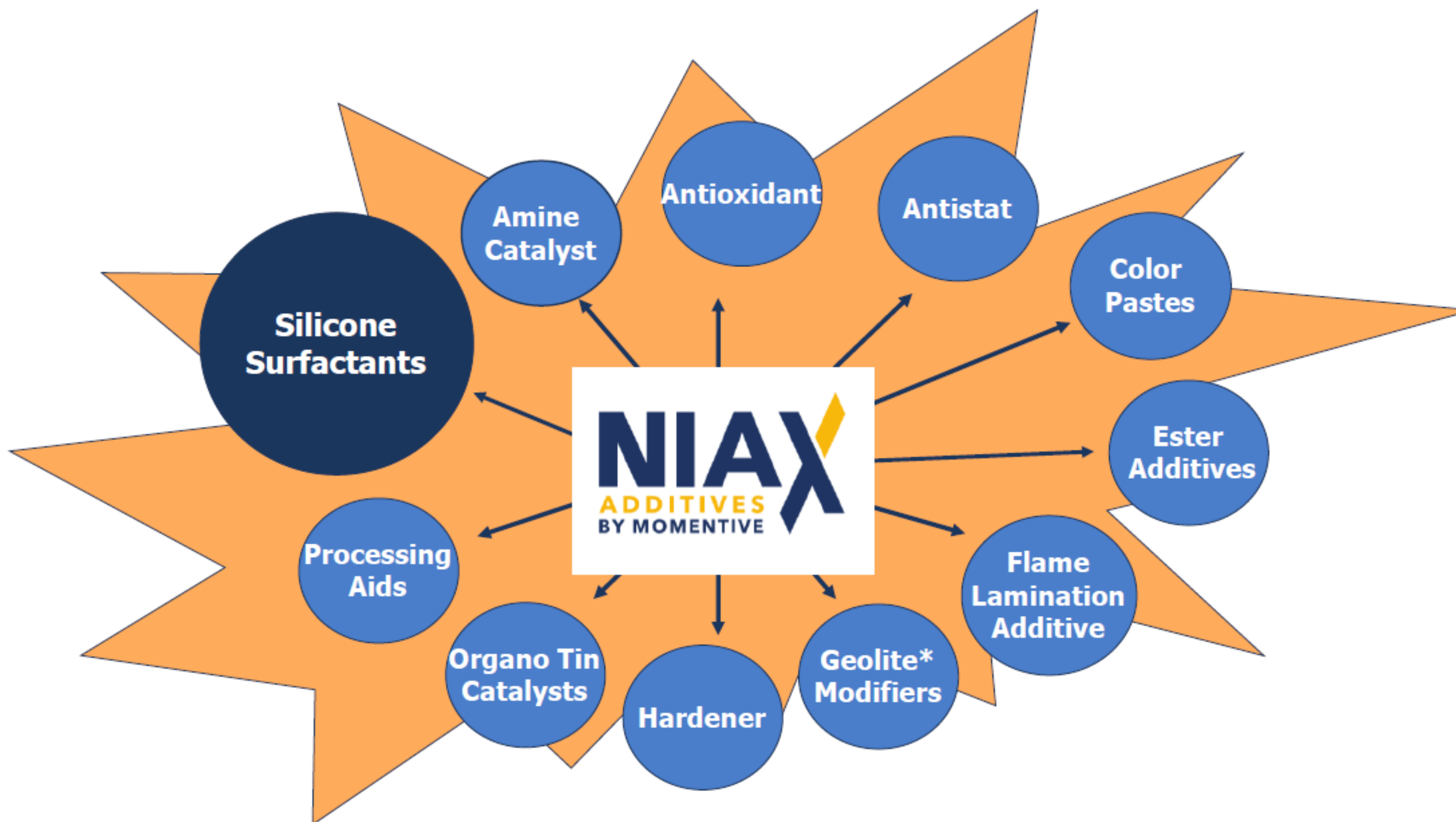
Special chemicals

ARKEMA

- Polyether polyols
- Dianol
- Adiansol
- Molecular sieves (Siliporite)
- Zeolite
- Ensoline
- Surfaline
- Antistatic agents



Slabs stock additives



Resin & sealants



PURINSEAL®



PURINATE®

PURINATE Products



HDI trimers Coronate



© All products are registered on REACH.

	Standard grade			Low viscosity grade		
	C-HXR	C-HXR90	C-HXR90B	C-HXLV	C-SLV	C-ULV
Viscosity (mPa·s @25°C)	3,000	490	450	1,200	400	220
NCO content (wt%)	21.8	19.6	19.6	23.2	22.5	21.8
Solid content (%)	100	90	90	100	100	100



Aromatic chemistry from the shells of cashew-nuts

ELMIRA

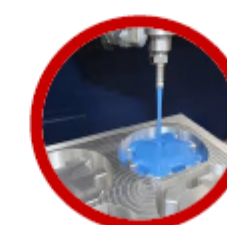
Product	OH value (g/eq)	Viscosity (cps)	Gardner Scale	Functional Group	Aromatic Content %
XFN 362 Aromatic Polyol	145-165	500	9-12	4, Primary OH	22
XFN 50 Aromatic Polyol	170-200	1,000	14-18	4, Phenolic OH	28
XFN 53-80 Aromatic Polyol	170-200	4,000	14-18	8, Phenolic OH	23
XFN 10 Linear Aromatic	170-200	50	1-10	1, Phenolic OH	28
XFN 53 Aromatic Polyol	170-200	35,000	14-18	8, Phenolic OH	28
XFN 150 Mannich Polyol	510-550	6,500	14-18	3, Primary OH and Tertiary Amine	20



- ☐ Non-estrogenic
- ☐ Favors Impact Strength
- ☐ Favors Temperature Resistance
- ☐ Favors Mix-flow
- ☐ Support Lambda
- ☐ Improve Fire-Resistance,
- ☐ Improve Strength in Foams
- ☐ Improves Adhesion on Substrates



PUR /PIR Foams



PU Castings



Tooling Boards

ExaPhen is based on refined and distilled cashew-nut-shell oil. It is called cardanol. Cardanol is a carbon-neutral and non-estrogenic alkenyl-phenol, with multiple properties. We use it as a base for building-blocks, in substitution to traditional petrol-based. ExaPhen helps you with saving the CO₂ impact associated with your productions. We are not regulated by the Nagoya Protocol.



Catalysts

PUR systems

- PC CAT Amine
- PC CAT Incorporable Low-VOC
- PC CAT Metal
- PC Amine Reactive (mono, di and triamines)
- Epoxy amine accelerators



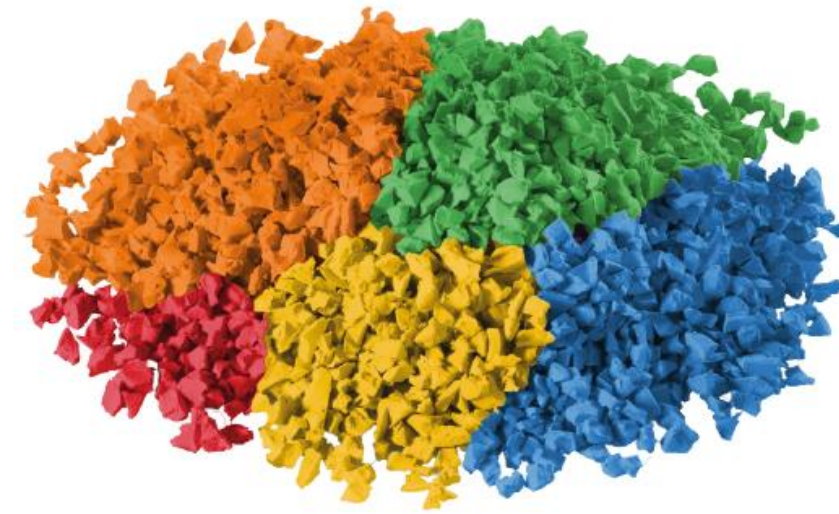
The advertisement for Performance Chemicals features a black header with the company logo (a green 'N' in a circle) and the name 'Performance Chemicals' in green. Below the header is a photograph of the Köhlbrandbrücke in Hamburg, a large cable-stayed bridge with two tall pylons and numerous stay cables. The bridge is set against a clear blue sky with some light clouds. In the foreground, there are some trees and industrial structures. The text 'Köhlbrandbrücke Hamburg © Esbjörn Strid' is visible in the bottom right corner of the photo.

Our products
The bridge to your solution



Sports surfaces

- EPDM granules
- PU binders
- Primer
- Cleaner
- Spray coats
- Systems certificates
- HIC certificate



New suppliers

SOMETHING IS MISSING ON THE MARKET?
NOT ENOUGH SOURCES?
DELIVERY ISSUES?
PRICE ISSUES?



- Help you
- Find new opportunities
- Solve your needs
- Eliminate troubles
- Make your supply chain easier



GET IN TOUCH

Petr Folta
Sales manager Polyurethanes
petr.folta@safic-alcan.cz



Safic Alcan CZ
Jamborova 32; 615 00 Brno; Czech Republic
Phone: +420 733 789 016



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innovative solutions