

Adding future: natural, high-performance additives

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Contents

Introduction to Elementis

Our sustainability drivers and product impacts

Lowering our own impacts

5-point sustainability framework

Architectural paint additives - from framework to product features

Summary - Adding future

Elementis at a glance

A global specialty
chemicals company

1844

Date Established

>1,300

Colleagues employed globally

17

manufacturing sites

\$737m

2022 Group revenue

Rheology

experts

High-quality

hectorite clay

High-performance

talc

Our Values

The foundation to everything we do



SAFETY

Our way of live

We are committed to providing a safe environment for all.



SOLUTIONS

Creating value for our customers

We make a difference through our expertise, responsiveness and focus on quality.



AMBITION

Passion for excellence

We are innovative, courageous and driven in everything we do.



RESPECT

We do the right thing

We care for our colleagues, customers, communities and environment.



TEAM

The power of collaboration

We work, grow and succeed together.

Our purpose

Unique chemistry,
sustainable solutions

Supporting customers on their sustainability transition

Our market drivers

Climate

Circularity

Nature

Health

Social

Responsible

Our focus

Lowering emissions; resilience

Renewable materials; efficient material use

Reducing pollution

Safer products

Safety, engaged employees

Integrity, transparency, supply chain engagement

Customer benefit examples

Lower product carbon footprint

Lower temperature formulating

Bio-based replacing fossil chemicals

Durable & one-hide coatings

No biocides

Dry products

Less toxic components

Low VOC and low allergy

Collaborative innovation

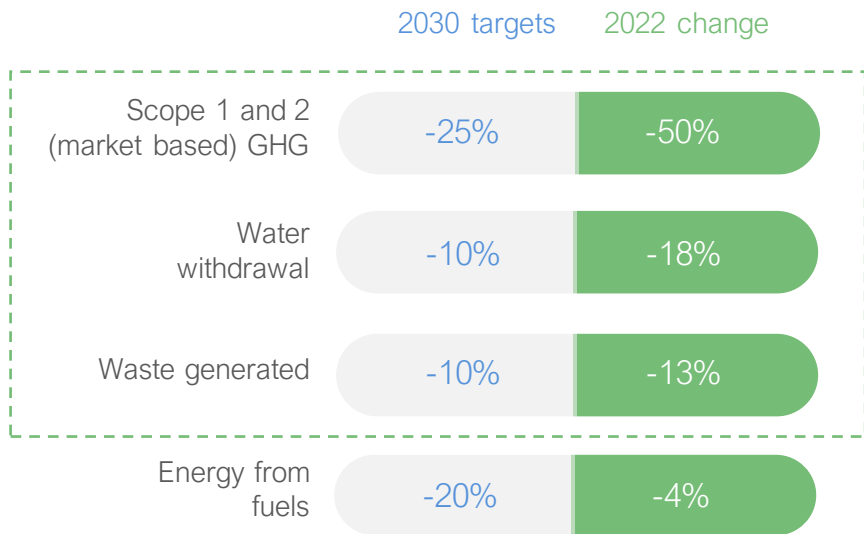
Trustworthy, resilient supplies

Improving our own performance

Lower environmental impact

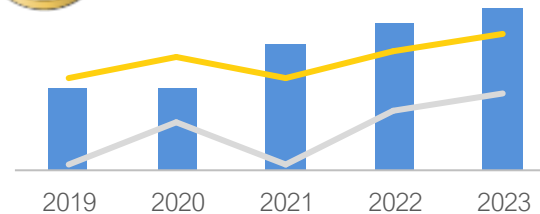
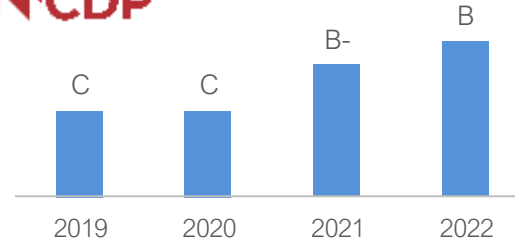
58%

reduction in Scope 1 and 2 (market based) absolute GHG emissions vs 2019



Note: targets per tonne production; 2019 baseline.

Elementis ESG ratings



Threshold level: — silver — gold

More natural

\$59m

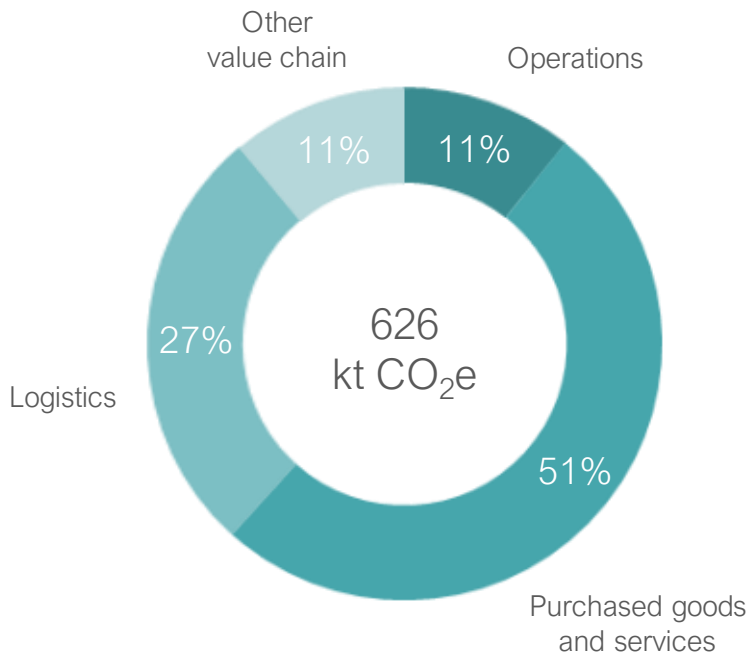
revenue increase from natural and naturally derived products vs 2019



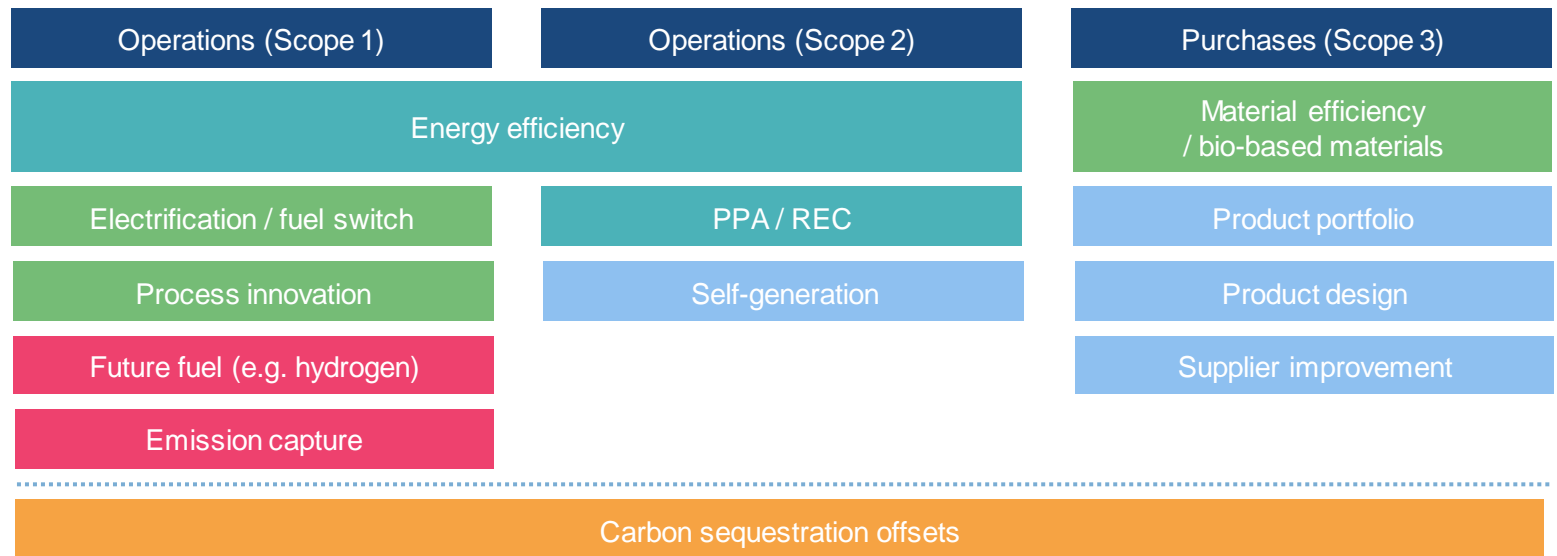
Our footprint is our customers footprint

Committed to Net Zero

2022



Reduction levers



Key: ■ Continue focus ■ Expand ■ Opportunity ■ Uncertain future ■ Future option

Our 5-point sustainability framework

Clear targets

Evidence-based

Systematic

Risk-based

Collaborative

Science-based

Publicly-stated

Stretching,
feasible,
relevant

Better data

Standard
methodologies

Certifications

Portfolio views

Standard
processes

Assurance-
ready

Future
scenarios

Balanced
decisions

Customers &
Suppliers

Industry
groups

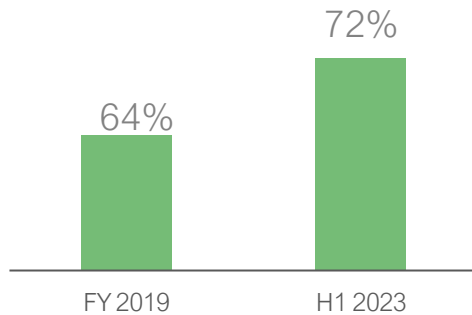
Stakeholder
dialogue



A closer look at 'Systematic' & 'Risk-based'

Systematic

Our portfolio revenue share from natural & naturally-derived* is increasing



Promotion and product design choices made to increase portfolio naturally-derived content

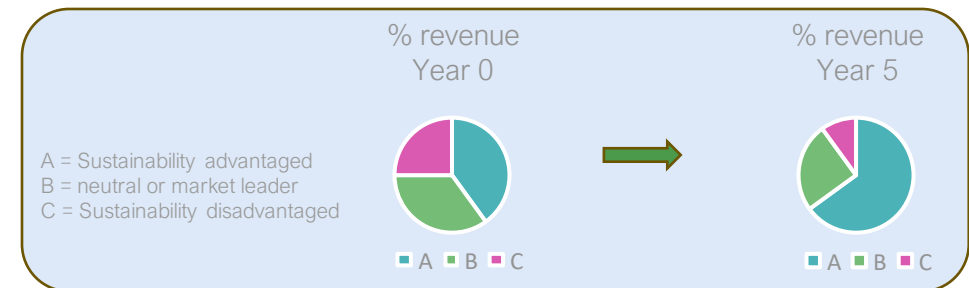
*as measured following ISO16128

Unique chemistry, sustainable solutions

Risk-based

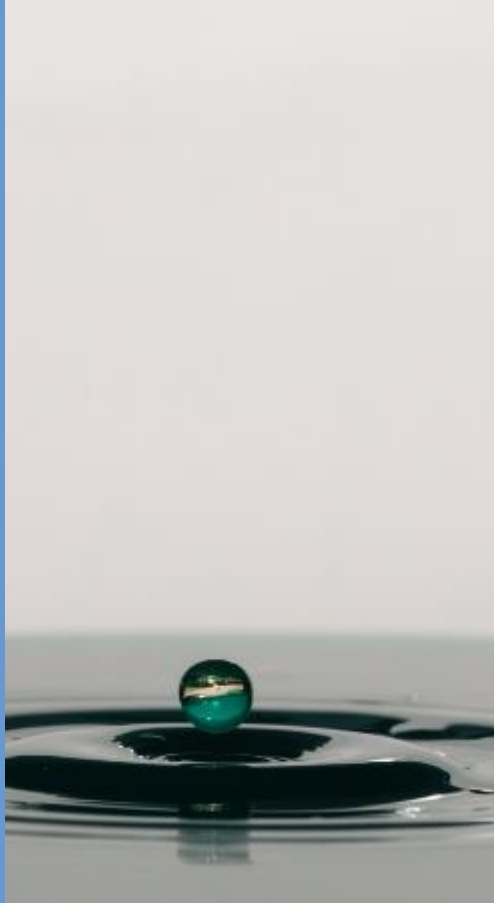
Sustainability theme	Relevance	Performance
Human & Eco Toxicity hazard	High	C
Substance Use Restrictions	High	B
Stakeholder & Potential Restrictions	High	A
Ecolabel compatibility	High	B
Climate	High	A
Circularity	Moderate	A
Energy Efficiency	High	A
Human Rights	Moderate	B
Safe Handling	Moderate	B

- Assess product sustainability risks
- Prioritise and address
- A more attractive, lower risk product & portfolio



Adding future with architectural coating **additive** solutions





Partner for tomorrow's sustainable formulation

- Leadership in rheology
- Market-led sustainable innovations
- Advanced broad technology toolbox

Advanced broad technology toolbox

BENTONE[®], RHEOLATE[®], NUOSPERSE[®], DAPRO[®] and FINNTALC

Advanced technology

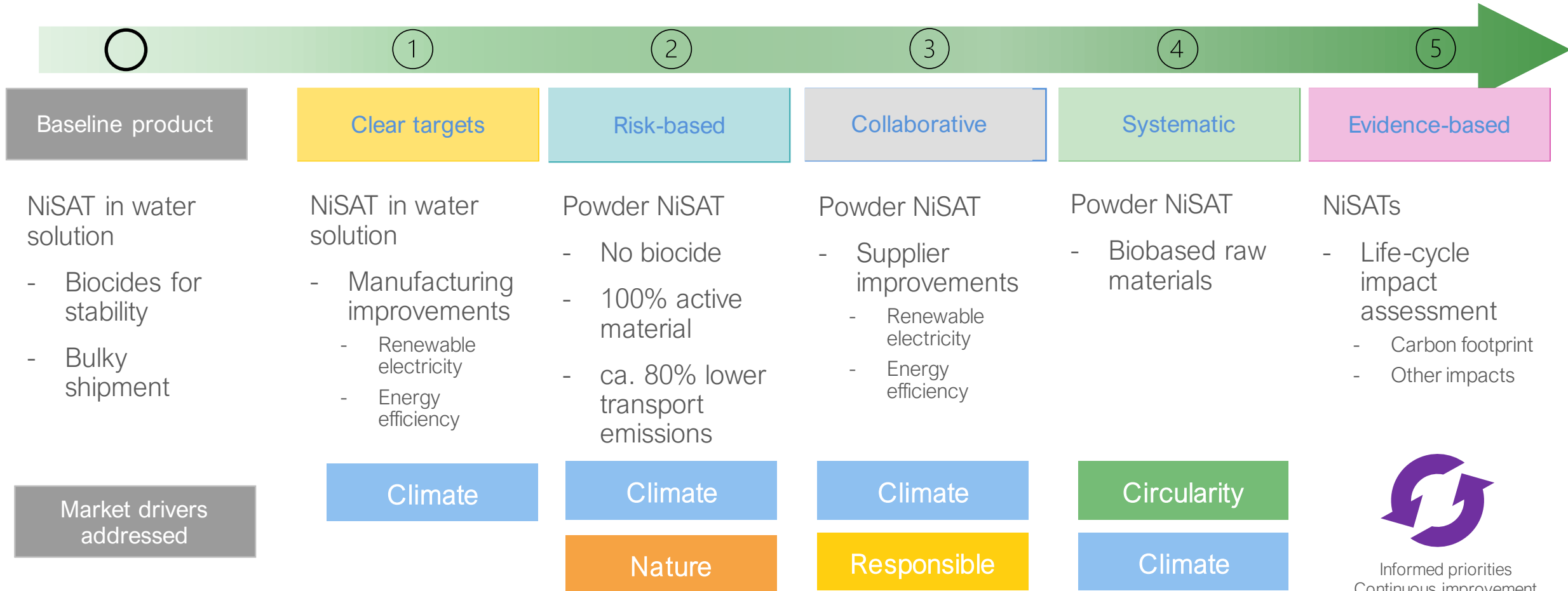
- Water-based
- Non- Aqueous/
Solvent-based
- Bio-based

Advanced chemistry

- Rheology
 - NiSAT
 - HASE / ASE
 - Clays &
Organoclays
 - Thixotropes &
waxes
- Dispersants
- Wetting agents
- Defoamers
- Slip and leveling
- Talc/functional
extenders
- Specialty additives

Improving product sustainability

The Rheolate® NiSAT journey



Informed priorities
Continuous improvement

RHEOLATE[®] Powder NiSAT

Clear targets

Risk-based

Collaborative

- improve performance, toxicity and footprint



Performance

> 18% more efficient
Improved dry film performance



Safer Ingredients

VOC-, Biocide-free
Asthma & Allergy friendly
Broad range eco-labels compliance



Sustainability

Up to 80% CO₂ reduction on transportation
Solvent free



RHEOLATE® Bio-Series



Systematic

+ replace fossil materials



Performance

Trusted powder NiSAT performance



Safer Ingredients

VOC-, MIT/BIT-, APEO-Free

Broad range eco-labels compliance



Sustainability

> 80% biobased content, C14 verified

Solvent free

+ Adding
future

ELEMENTIS

RHEOLATE® IF Series

Clear targets

Risk-based

Systematic

- removing toxic ingredients while enhancing performance



Performance

Excellent flow & leveling
Enhanced spatter resistance
Superior sag resistance



Safer Ingredients

Ultra low VOC, Tin-, Biocide (Isothiazolin) - free
Asthma & Allergy friendly



Sustainability

Ecolabeling compliance
Solvent free



DAPRO[®] BIO 9910 - Biobased Defoaming

Systematic

Collaborative

Evidence-based

- renewable carbon performance in a wide range of formulations



Performance

Outperforms mineral oil versions
Consistent and smooth finish
Long-term effectiveness and best reproducibility



Efficiency

Universal use, easy drop in alternative
Excellent storage stability



Sustainability

96% Biobased content C14
Based on vegetable oil



DAPRO[®] BIO 400

Systematic

Risk-based

Collaborative

- replace fossil glycol coalescence solvents



Performance

Enhances phase stability and shelf life
Superior coupling performance and low odour



Efficiency

High boiling point 286 °C
Broad compatibility e.g. Acrylic, Sty-Ac, PU dispersion Linseed Oil, Castor Oil



Sustainability

100% biobased content
VOC Free
Not competing with food chain



THIXATROL® AS 8053

Collaborative

Systematic

- formulate faster with lower energy and higher quality



Performance

Enhanced sag resistance
Thicker coating application



Efficiency

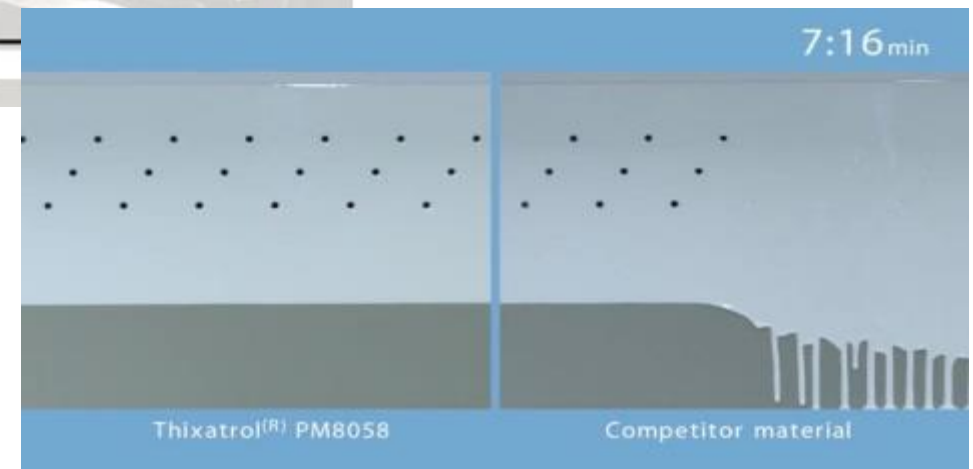
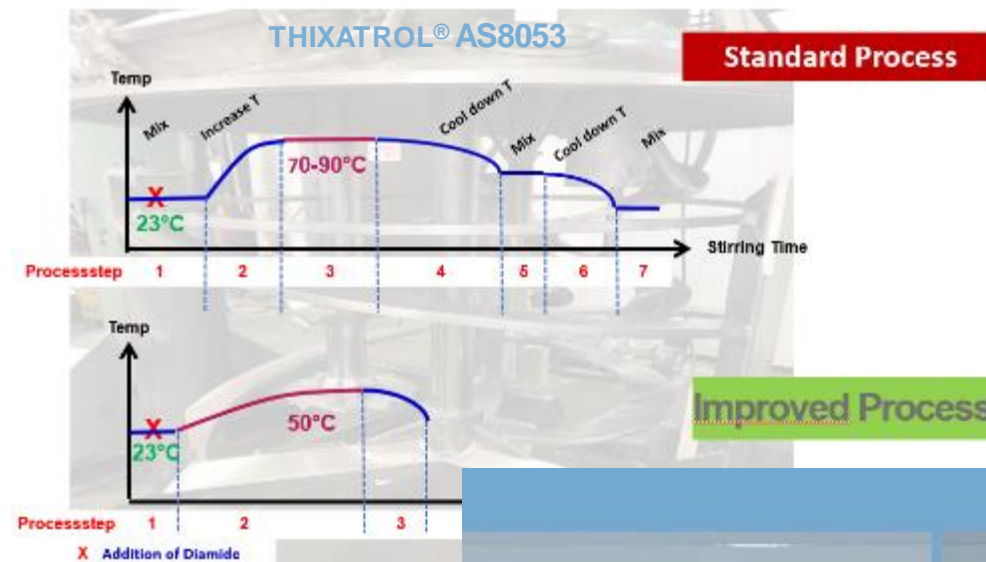
Improved formulation flexibility
Reduced customer production time



Sustainability

Naturally derived, bio based (>75%)
Lower activation temperature

REDUCED PRODUCTION TIME



A toolbox to address your market drivers

Climate



RHEOLATE® Powdered NiSATS
FINNTALC M04SLC
THIXATROL® AS 8053

Circularity



DAPRO® BIO 9910
DAPRO® BIO 400
THIXATROL® PM 8056
THIXATROL® PM 8058

Health & Nature



RHEOLATE® HX 6025
RHEOLATE® 135
RHEOLATE® 185
NUOSPERSE® FX 618
DAPRO® DF 696
RHEOLATE IF series

Adding future

Unique chemistry helping formulators create more sustainable solutions

Clear targets

Evidence-based

Systematic

Risk-based

Collaborative

INGREDIENTS

Natural, bio-based

Positive, more sustainable impacts

Shared path - our footprint is your footprint

PROCESSING

Reduce energy use

Efficient production

Safer chemicals in smaller quantities

APPLICATION

Less rework and waste

Safer handling

Less toxic

USE

Low / zero VOC

Enhanced durability

+ Adding
future

ELEMENTIS

Thank you!

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Unique chemistry, sustainable solutions