



OQ Chemicals

COMPANY PRESENTATION

October 26, 2022





OQ Chemicals in short

1.3 million tonnes
of production capacity

Annual revenue of
1.4 billion euros

70 products
shipped to every continent

6 production sites

1,400
employees globally

Owned by **OQ**

OQ Chemicals is a worldwide leader in the production and sale of Oxo Intermediates and Oxo Performance Chemicals.

Our products are used in various industry segments such as paints and coatings, lubricants and functional fluids, personal care, flexible packaging, and many more besides.

OQ Chemicals employs 1,400 people worldwide, working at our production sites, offices and remotely.

OQ Chemicals is part of OQ, an integrated energy company with roots in Oman.



Managing Directors

Dr. Oliver Borgmeier



CEO and COO Dr. Oliver Borgmeier has been with the company for more than 15 years and has extensive experience in the fields of operations, strategy and business management.

Dr. Oliver Borgmeier holds a Ph.D. in chemistry from RWTH Aachen University, Germany, and has worked for various multinational companies in the chemical industry.

Stefan Schmidt

CFO Stefan Schmidt has been with the company since 2008. He started his career at Ernst & Young AG in Germany.

Stefan Schmidt holds a Masters in Business Administration (*Diplom-Kaufmann*) from the University of Cologne and is a qualified public auditor (*Wirtschaftsprüfer*) and tax advisor (*Steuerberater*) in Germany.





Leadership Team

**Dr. Christoph
Balzarek**



*Executive Vice
President Corporate
Development,
Sustainability &
Innovation*

**David
Faust**



*Executive Vice
President Marketing
Oxo Performance
Chemicals*

**Jason
Haverland**



*Executive Vice
President Global Sales*

**Kyle
Hendrix**



*Executive Vice
President Marketing
Oxo Intermediates*

**Lars-Eric
Johansson**



*Executive Vice
President Industrial
Relations*

**David
Müller**



*Executive Vice
President Human
Resources*

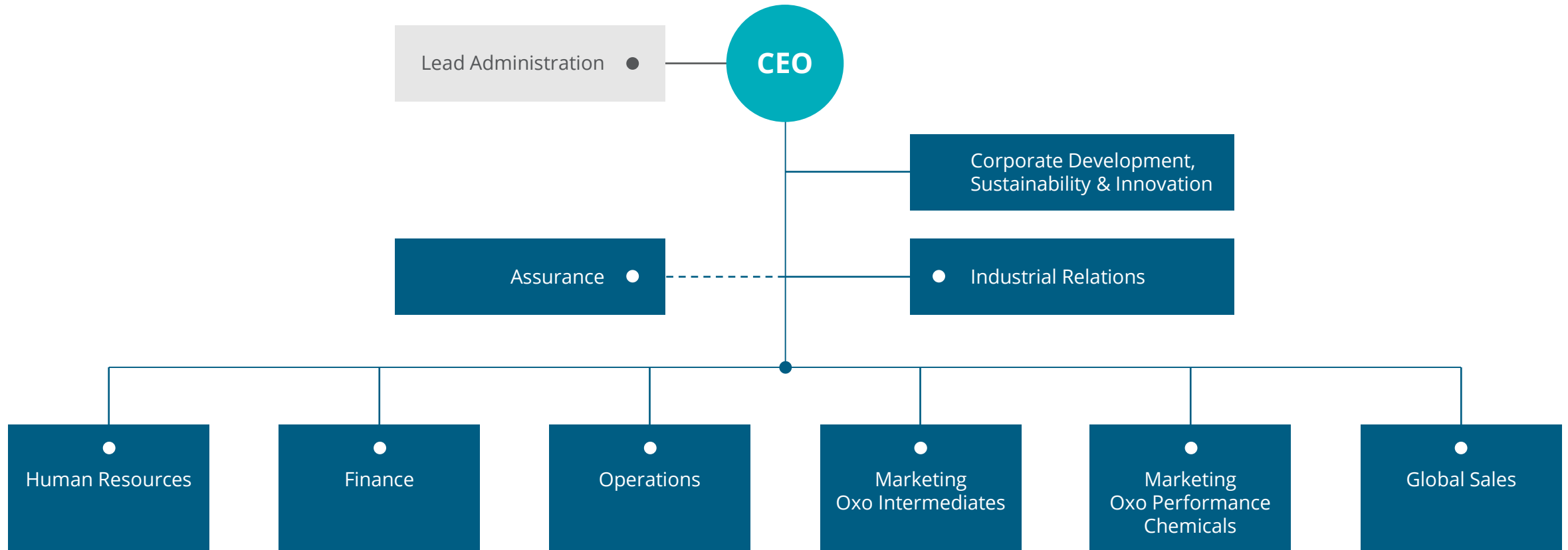
**Albrecht
Schwerin**



*Chief Operating
Officer*



OQ Chemicals Organizational Chart





Shareholders' Committee

The Shareholders' Committee, leveraging the extensive knowledge of six industry experts, is chaired by Hilal Al Kharusi.

The Shareholders' Committee consists of:

**Sultan Al
Burtmani**



**Hilal Al
Kharusi**



**Monika
Engel-Bader**



Luis Fernandez



Martin Lundin



**Patrick
Quarles**





OQ Chemicals footprint

Production sites and offices across the globe



Production sites

Bishop
approx. 45 employees

Bay City
approx. 180 employees

Amsterdam
approx. 25 employees

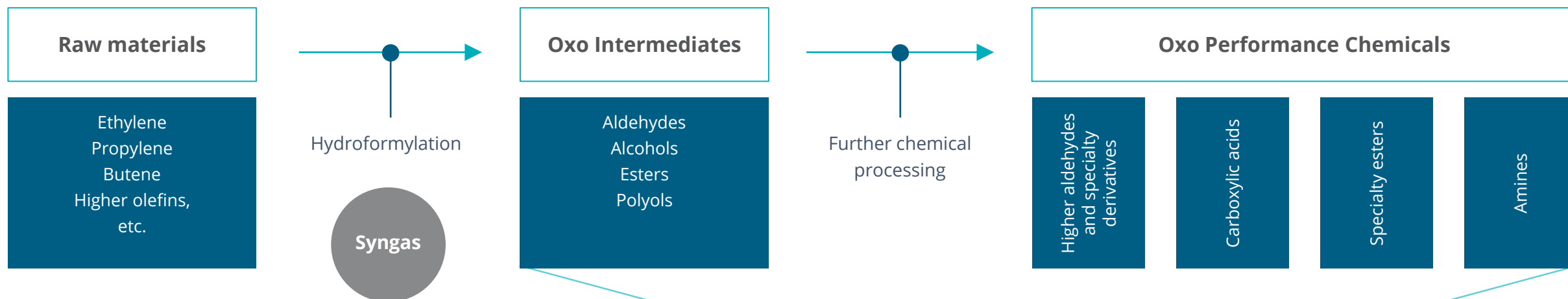
Oberhausen
approx. 850 employees

Marl
approx. 70 employees

Nanjing
approx. 50 employees

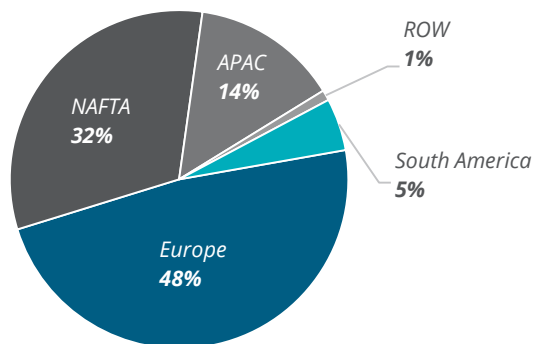


OQ Chemicals Value Chain



OQ Chemicals products can be found in many everyday items

Sales by regions





OQ Chemicals

World Market Leader

- OQ Chemicals is an **industry leader** in products like Propanol, 2-Ethylhexanol, Butanol, Butyl Acetate and 1,3 Butylene Glycol.
- OQ Chemicals is the **market leader in synthetic fatty acids** in the C3 to C9 acid range.
- We have **strong market positions** in Europe and the USA.
- We increase **capacities to strengthen our market position** and to facilitate our customers' growth.
- Our **1,000+ customers across different industries** guarantee our business stability and robustness.





OQ Chemicals – What we offer

We are the worldwide partner of choice for high-quality Oxo Intermediates and Oxo Performance Chemicals:

- Safe processes and products are our top priority.
- We offer the most comprehensive portfolio of oxo chemicals on the market.
- Our products are geared towards our customers' markets.
- We keep a close eye on key drivers and trends in our markets – including sustainability.
- We are experts in our field with a focus on oxo chemicals.
- We operate dedicated and multi-purpose units at our sites, with a high grade of flexibility.
- We invest in capacities and infrastructure.



**Our full
focus is
on oxo
chemicals**



OQ Chemicals strategic direction



“We are committed to sustainability and constant improvement at OQ Chemicals – the way we act today is crucial for determining long-term prospects.”

Dr. Oliver Borgmeier



Our key strategic pillars are:

1

**Strengthening our
Oxo Intermediates
business**

**We are the supplier of choice
for Oxo Intermediates**

2

**Growing our Oxo
Performance
Chemicals business**

**We drive and facilitate our
customers' growth**

3

**Driving functional
excellence**

**We strive for excellence in
everything we do**



Our key strategic pillars are:

1

Strengthening our Oxo Intermediates business

We are the supplier of choice for Oxo Intermediates

- We strive for added value downstream and help our customers to develop their markets – relationships based on mutual trust are key to us
- We offer ISCC Plus-certified products as alternatives to our fossil-based portfolio – and will expand this continually
- We concentrate on process optimization (digitization and automation)

2

Growing our Oxo Performance chemicals business

We drive and facilitate our customers' growth

- We invest in production capacities
- We strive to develop markets together with our customers
- We keep a close eye on technologies that present an addition to our current product portfolio
- We offer ISCC Plus-certified products as alternatives to our fossil-based portfolio – and will expand this continually

3

Driving functional excellence

We strive for excellence in everything we do

- We identify opportunities and risks for our business
- We define targets and measures for growing our business successfully
- Functional excellence is relevant for all areas at OQ Chemicals – we make this tangible and provide our employees with the tools they need to be successful

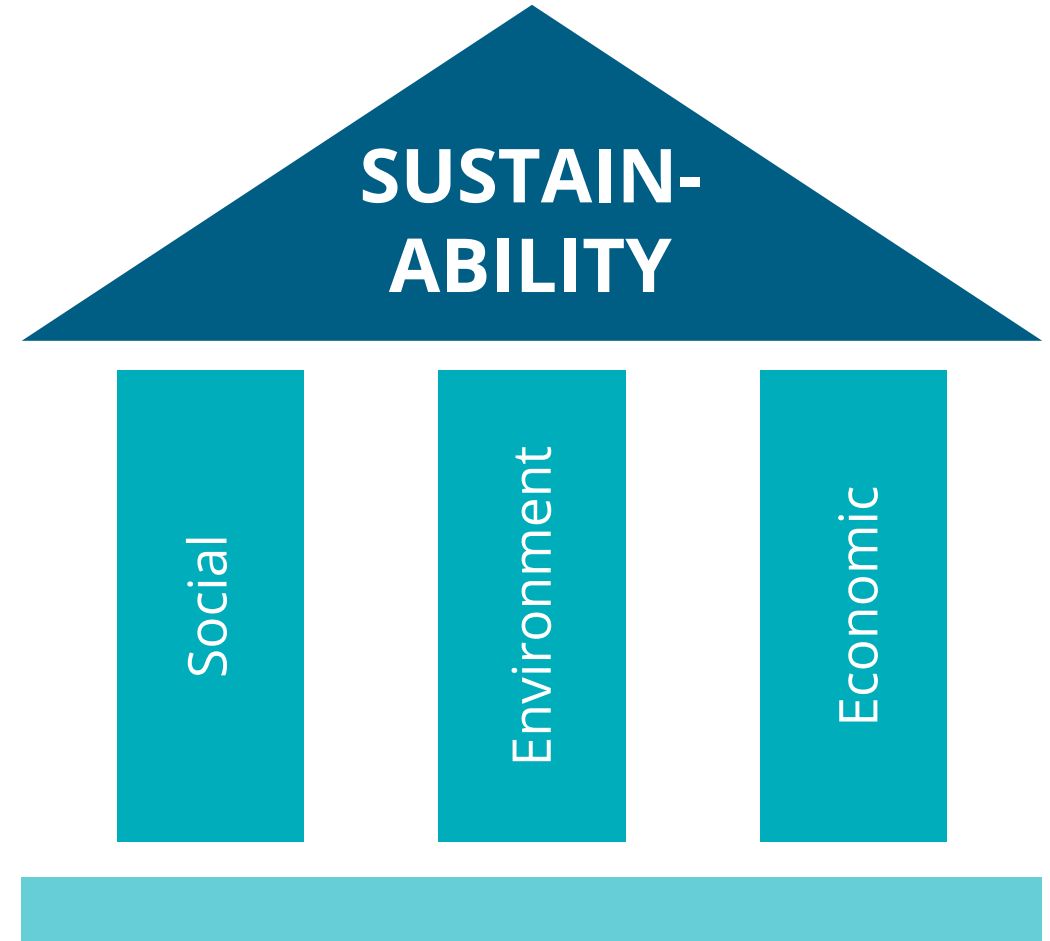


Sustainability @ OQ Chemicals



"At OQ Chemicals, we see sustainability as something for which our company as a whole is responsible – this is because our actions today determine the long-term prospects of the company. The three pillars of sustainability form the basis for our holistic and strategic approach to drive our company toward greater sustainability and success."

Dr. Oliver Borgmeier





Sustainability @ OQ Chemicals

Sustainability is an integral part of OQ Chemicals' company strategy and determines our business success. Sustainability is not just a program for us – it is a commitment. We believe in sustainability.

We set ourselves goals and implement related measures to fulfill the expectations of our stakeholders while aiming to reduce our environmental footprint.

Key sustainability topics in the next few years will be the reduction of GHG emissions and the development of a sustainable value chain.





Sustainability performance

Supported frameworks and strategic governance



OQ Chemicals is a listed member of Responsible Care® - a global, voluntary initiative of the chemical industry.



100 percent of all OQ Chemicals sites have **ISO 9001** (quality management) and **ISO 14001** certifications. All our sites in Europe and our site in Nanjing are certified according to **ISO 45001**.



UN Sustainable Development Goals, the **United Nations Global Compact** and the **Global Reporting Initiative** serve as strategic guidelines for the managerial approach of OQ Chemicals Sustainability Management.



OQ Chemicals is a member of various industry organizations including the CEFIC (*Conseil Européen des Fédérations de l'Industrie Chimique*), VCI (*Verband der Chemischen Industrie*), **REACH** consortia and **TCC** (Texas Chemical Council).



Sustainability performance

Activities and highlights



We published our yearly Sustainability Report on July 1, 2021, in accordance with **GRI, Core Option**.



Our sites in Monheim, Oberhausen and Marl were certified in accordance with **ISCC PLUS** standards.



OQ Chemicals holds **Gold status** on the EcoVadis platform – one of the world's largest providers of business sustainability ratings.



Our German locations were evaluated and subsequently certified as Top Employer 2022 by the Top Employers Institute.



Our Oberhausen site was successfully audited in accordance with TfS (Together for Sustainability) requirements.



Sustainable Development Goals and how we play our part

At OQ Chemicals, we have identified four SDGs to which we actively contribute to:

Quality education: OQ Chemicals invests in the training and education of its employees throughout the company. OQ Chemicals is one of the most important employers in Oberhausen and offers vocational training for young people in industry-related and administrative occupations.

4 QUALITY
EDUCATION



8 DECENT WORK AND
ECONOMIC GROWTH



Decent work and economic growth: The management structure of the company is set for economic success and sustainable growth based on defined procedures and processes. We adhere to a Company Code of Conduct that rejects all forms of discrimination, child labor or forced labor.

Responsible consumption and production: At OQ Chemicals, we implement safe and efficient processes. As the founder of the oxo synthesis, we are experts in our processes. Our goal is to maximize output whilst minimizing input. All our products are labeled and supplied with the correct documents to guarantee safe handling by the recipient.

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION

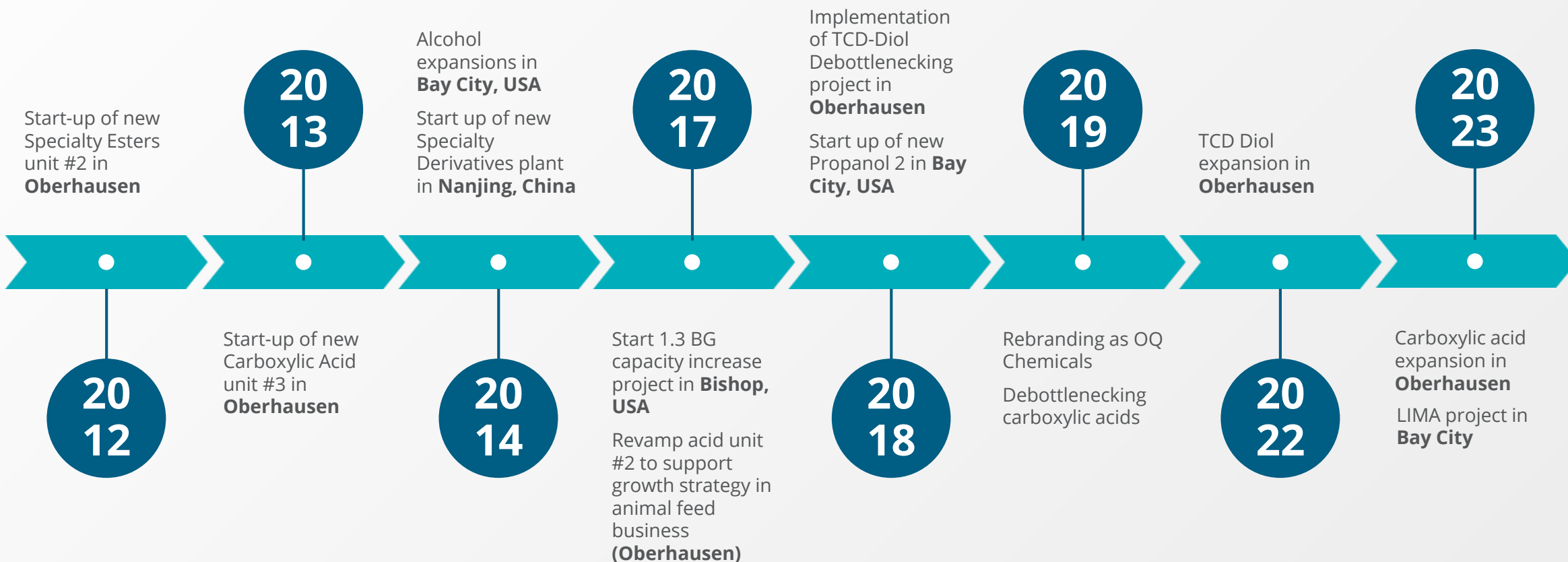


Climate action: As a manufacturer of chemicals, we acknowledge our responsibility to and impact on the environment. We continuously work to improve our energy balance and CO₂ emissions worldwide and have set ourselves short-term, mid-term and long-term goals.



Strategic highlights

Continuing investments to remain a market leader





Diversified product portfolio

Applicable in a wide range of end uses

Oxo Intermediates

Aldehydes

Applications:
Lacquers, polymer additives,
flotation reagents,
flavors and fragrances

Alcohols

Applications:
Surface coatings,
lacquers and paints, polymer
additives, lubricants, solvents,
disinfectants, printing inks

Esters

Applications:
Chemical intermediates,
cosmetics, paints and coatings,
printing inks, pharmaceuticals,
solvents, plasticizers

Oxo Performance Chemicals

Higher aldehydes

Applications:
Chemical intermediates,
flavors and fragrances

Polyols

Applications:
High solids coatings, powder
coatings, cosmetics, lubricants,
polymer additives

Carboxylic acids

Applications:
Lubricants, siccatives, flavors and
fragrances, polymer stabilizers,
feed additives, corrosion inhibitors

Amines

Applications:
Agrochemicals, rubber chemicals,
polymer additives, pharmaceuticals,
surfactants, dye intermediates,
specialty chemicals, corrosion
inhibitors

Specialty esters

Applications:
Plasticizers, lubricants,
coalescing agents

Higher alcohols

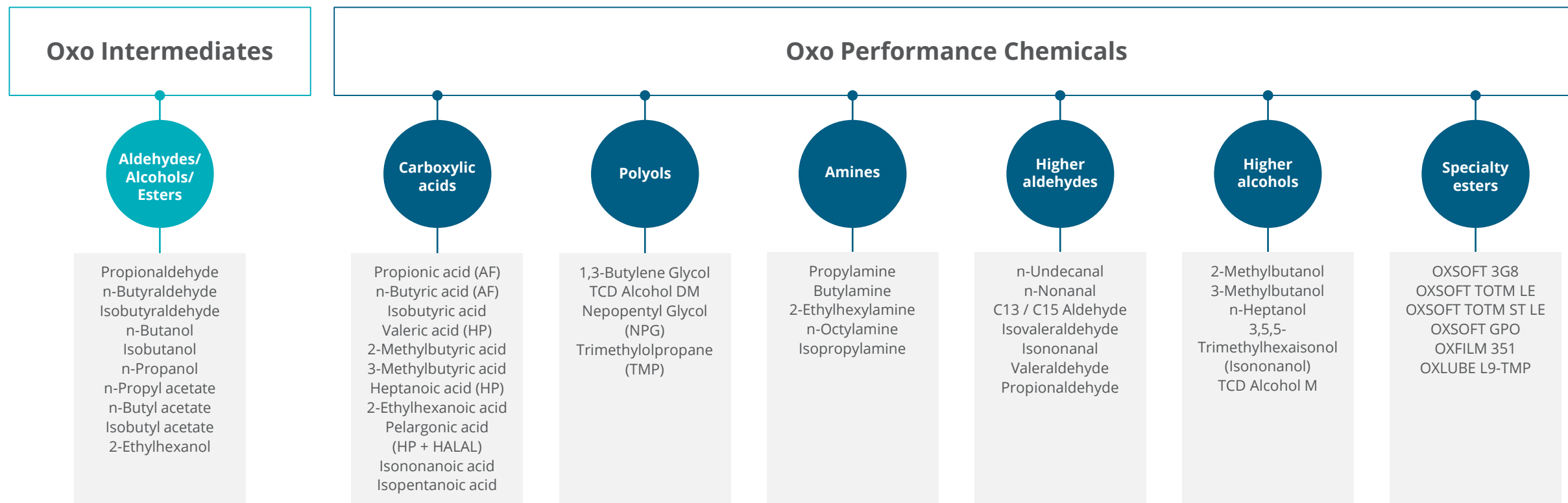
Applications:
Plasticizers, lubricants,
flavors and fragrances, surfactants



Diversified product portfolio

Applicable in a wide range of end uses

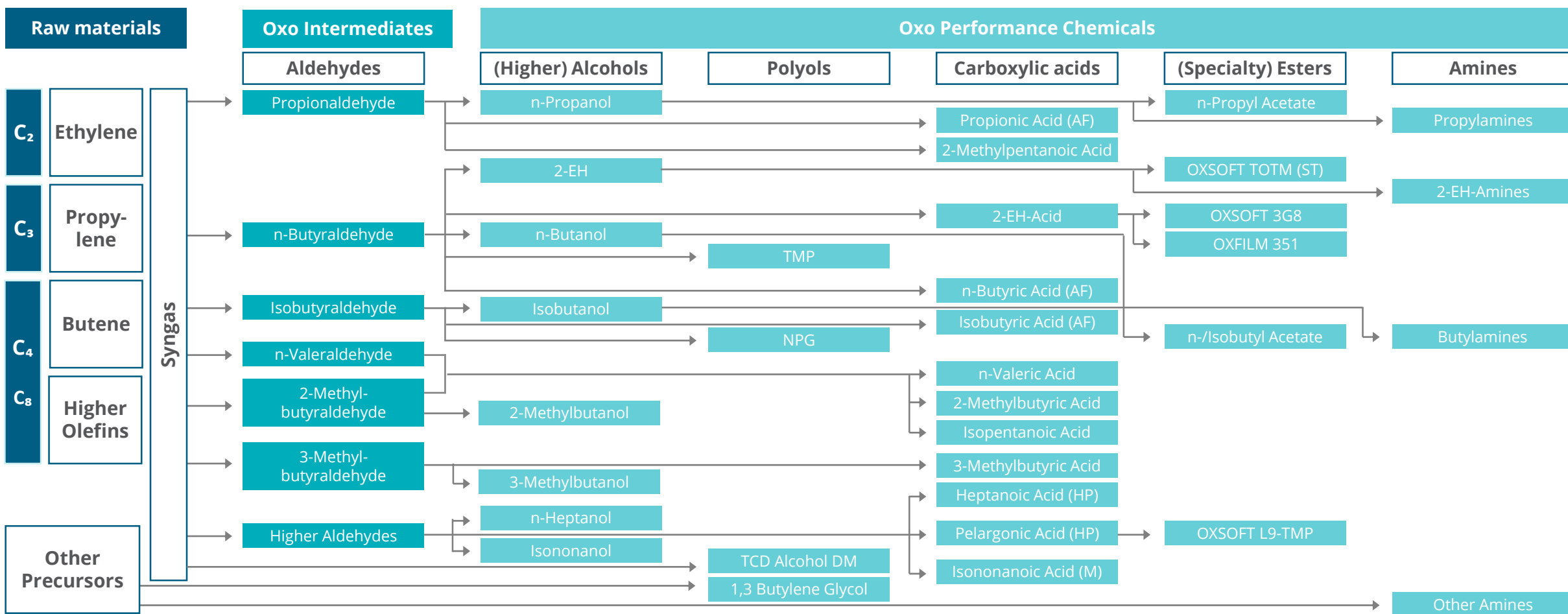
The product range of OQ Chemicals comprises more than 70 chemicals, which are subsequently processed by the industry. This diagram provides an overview of our general product portfolio (excluding customized products).





Integrated production platform

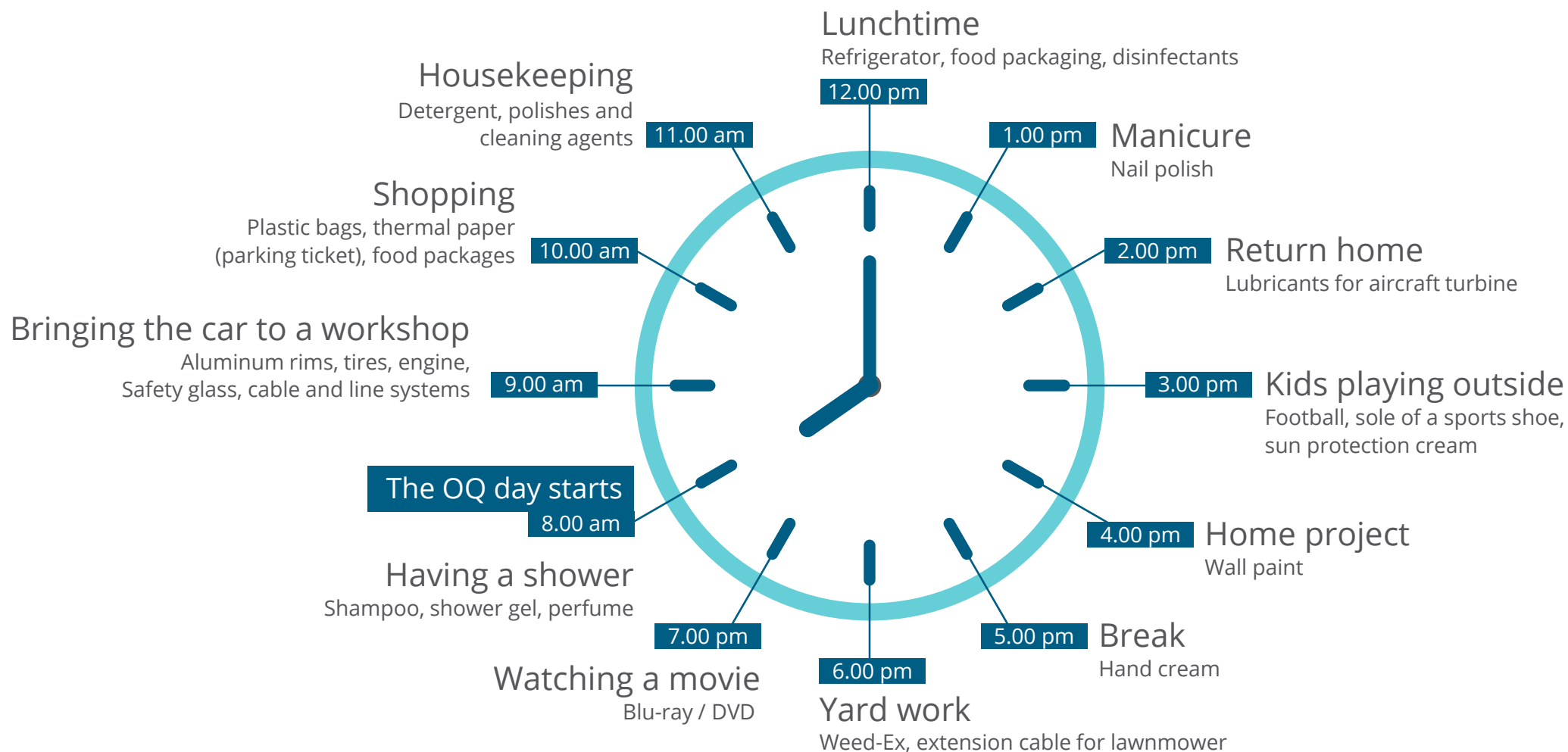
Overview of the process behind our products





A Day with OQ Chemicals

We're with you every hour of the day





OQ Chemicals in our daily lives:

Automotive vehicles

Outside

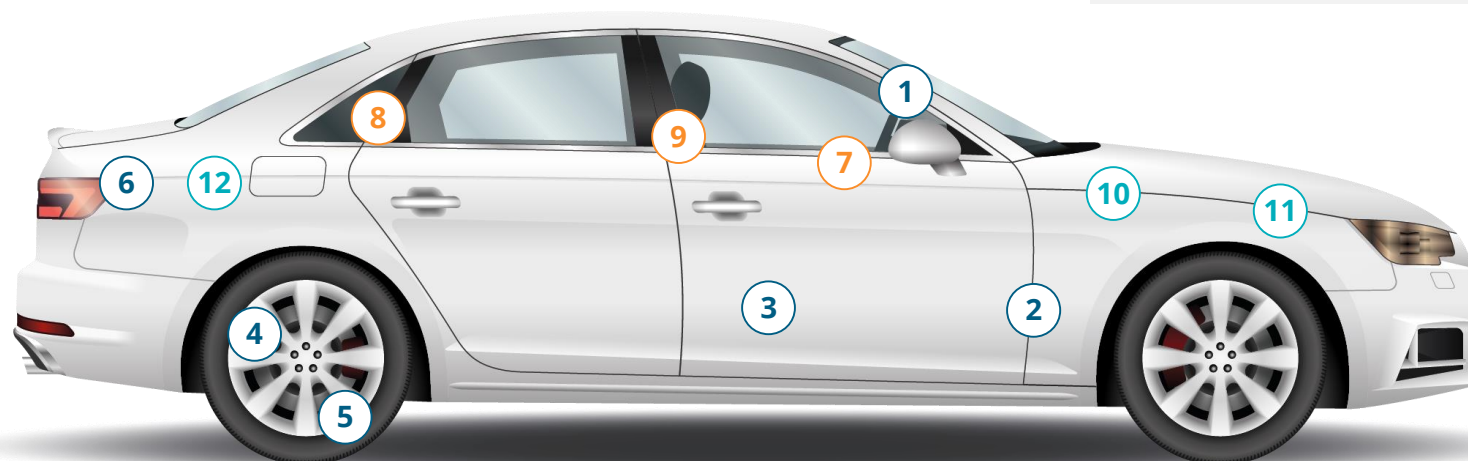
- ① Butyraldehyde, Oxsoft 3G8: **PVB safety glass liner**
- ② Butyl Acetate: **Automotive top-coat systems**
- ③ Trimethylol Propane: **UV car coatings**
- ④ Neopentyl Glycol: **Aluminum rims powder-coatings**
- ⑤ 2-Ethylhexanoic Acid, Di-n-Butylamine: **Vulcanized rubber, adhesion promoters in tires**
- ⑥ Butanol: **Acrylic water-based coatings**

Inside of vehicle interior

- ⑦ TCD Alcohol DM: **Touchscreen displays**
- ⑧ DOTP: **Upholstery, seats, mats**
- ⑨ 2-Ethylhexanoic Acid: **PU foam for dashboards and seats**

Engine compartment

- ⑩ Isononanoic-, 2-Ethylhexanoic Acids: **Synthetic lubricants**
- ⑪ 2-Ethylhexanoic Acid: **Coolants**
- ⑫ 2-Ethylhexanol: **Cetane improver in diesel fuel**



Average of approx. **7.5 kg** of OQ chemicals in a car



OQ Chemicals in our daily lives:

Modern living

Household

- ① Valeric, Heptanoic, Isononanoic Acids: **Refrigeration system lubricants**
- ② Propanol: **Disinfectants**
- ③ Neopentyl Glycol: **Appliance coatings**
- ④ Pelargonic Acid: **Detergents**
- ⑤ 2-Ethylhexanoic, Isononanoic Acids: **PU flexible foams**
- ⑥ 2-Ethylhexylamine: **Home pest control**
- ⑦ Oxsoft TOTM: **Cables**
- ⑧ TCD Alcohol DM: **Glass fiber, Blu-ray**
- ⑨ Pelargonic Acid: **Auxiliary in food production**

Cosmetics

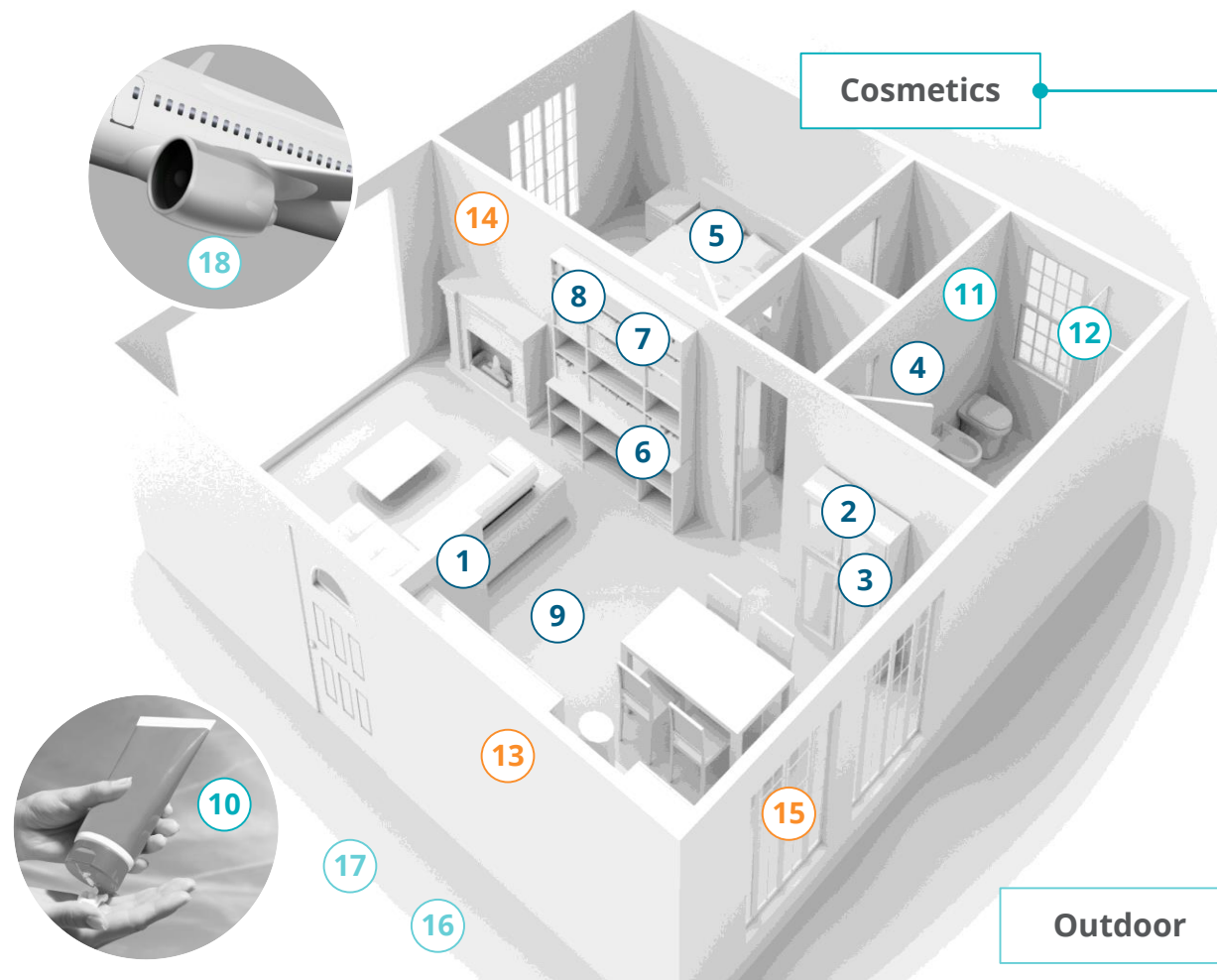
- ⑩ 2-Ethylhexanoic, Isononanoic Acids: **Sun care products**
- ⑪ 1,3-Butylene Glycol: **Skin cream**
- ⑫ Propionaldehyde, Isovaleraldehyde, Heptanol, Isononanol, Undecanal: **Perfume and fragrances**

Buildings

- ⑬ n-Butanol: **Exterior architectural paints**
- ⑭ 2-Ethylhexanoic Acid: **Interior architectural paints**
- ⑮ 2-Ethylhexanoic, Isononanoic Acids: **PVC window frames**

Outdoor

- ⑯ Pelargonic Acid: **Garden Herbicides**
- ⑰ Isobutyraldehyde: **Garden fertilizers**
- ⑱ Valeric-, Isononanoic, Heptanoic Acids: **Jet turbine lubricants**





Any questions?



www.chemicals.oq.com

OQ Chemicals GmbH

Rheinpromenade 4a
40789 Monheim am Rhein
Germany
Tel. +49 2173 9993 0

OQ Services GmbH / OQ Chemicals Produktion GmbH & Co.

Otto-Roelen-Str. 3
46147 Oberhausen
Germany
Tel. +49 208 693 2001
Fax +49 208 693 3101

OQ Chemicals Produktion GmbH & Co. KG

Paul-Baumann-Str. 1
45772 Marl
Germany
Tel. +49 2365 49-04
Fax +49 2365 49-2000

OQ Chemicals Corporation

15375 Memorial Dr.
Houston, TX 77079
USA
Tel. +1346 378-7300

OQ Chemicals Nederland B.V.

Amsterdam Esters Plant
Hornweg 10
1045 AR Amsterdam
The Netherlands
Tel. +31 20 448 9555

OQ Chemicals Corporation

P.O. Box 1141
Bay City, TX 77404-1141
USA
Tel. +979 241 4000
Fax. +979 241 4279

OQ Chemicals Bishop, LLC

P.O. Box 9
Bishop, TX 78343
USA
Tel. +361 584 6920
Fax. +361 584 6934

OQ Advanced Derivatives Nanjing Ltd.

1204, New Century Plaza
288 East Zhong Shan Road
Nanjing. 210029
P.R. China
Tel.: + 86 21 5451 0681
Fax.: + 86 21 5451 0682



Thank you ...



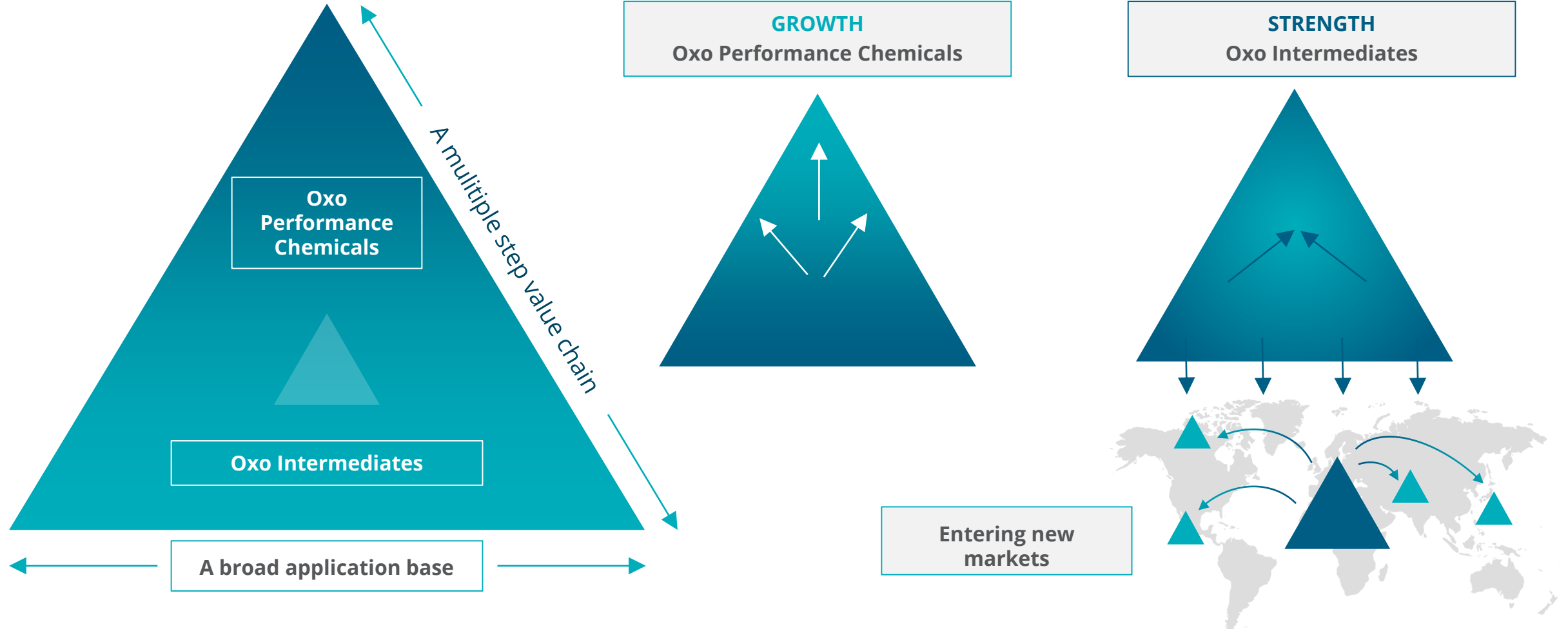


Backup





OQ Chemicals strategy for growth





Sustainability

Our strategic baseline

OQ Chemicals' strategic approach to sustainability is based on our materiality analysis. The materiality analysis defines how projects and campaigns are prioritized – with the focus always on the stakeholders. Compliance is a given.

Materiality Analysis: Most important topics for OQ Chemicals

Environment	Safety, environmental compliance, climate and energy, water	We reduce our environmental footprint. We want to become climate-neutral by the mid-21st century. We are on the way to significantly reducing our energy consumption, waste and water footprint. The project designed to lead us to this goal is called "reduce".
Employee issues	Fair working conditions, development and training	We see our employees as our most important resource. We believe in the value of our employees, the diversity and experience they bring to OQ Chemicals. An open and encouraging working environment is key to us. Our people management aims to attract and retain the talent we need.
Value chain	Sustainability in the supply chain	We source in a sustainable manner. We screen and select our suppliers based on environmental, social and relevant sustainability criteria. Our goal is to have 100 percent coverage of all raw material suppliers and service providers.
Business ethics	Company ethics	We follow high ethical principles. Adherence to legal requirements is mandatory for OQ Chemicals employees. Our ethical principles are documented and trained based on our Code of Conduct, which sets the standard for conducting business in a responsible and fair manner.
Sector-specific	Product safety and stewardship, customer relations, megatrends	We have our eyes on (mega) trends. Relationships based on mutual trust along our value chain are key to us. Safe and compliant products and processes are a given and are continuously evaluated and improved to determine risks and opportunities.



Sustainability

Our strategic baseline

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Materiality analysis: Most important topics for OQ Chemicals

Environment	We reduce our environmental footprint.
Employee issues	We see our employees as our most important resource.
Value chain	We source in a sustainable manner.
Business ethics	We follow high ethical principles.
Sector-specific	We have our eyes on (mega) trends.



Sustainability performance

Supported frameworks and strategic governance



Responsible Care®

OQ Chemicals is a listed member of Responsible Care®, a global, voluntary initiative launched by the chemical industry. Its member companies commit to continuously improving their environmental, safety and social performance above and beyond regulatory requirements.

OQ Chemicals was presented with a Responsible Care® award for its safety campaign (i=Safety).



Sustainable Development Goals

UN SDGs (Sustainable Development Goals), the **United Nations Global Compact** (UN GC) and the GRI (**Global Reporting Initiative**) serve as strategic guidelines for the managerial approach of OQ Chemicals Sustainability Management.

OQ Chemicals uses an authorized global IMS (**Integrated Management System**) that puts policies and strategic guidelines in the context of the organization as well as facilitating excellent performance in line with regulatory standards, ISO norms and relevant frameworks.



Sustainability performance

Supported frameworks and strategic governance



International Organization for Standardization

100 percent of all OQ Chemicals sites are certified in accordance with **ISO 9001** (quality management) and **ISO 14001** (environmental management). Our site in China obtained **ISO 45001** (occupational health and safety) certification in 2020. 100 percent of the European sites will be certified in accordance with ISO 45001 in Q1/2022.

100 percent of all European sites of OQ Chemicals are certified in accordance with **ISO 50001** (energy management).



Conseil Européen des Fédérations de l'Industrie Chimique

OQ Chemicals is a member of various industry organizations including the CEFIC (*Conseil Européen des Fédérations de l'Industrie Chimique*), VCI (*Verband der Chemischen Industrie*), **REACH** consortia and **TCC** (Texas Chemical Council).

OQ Chemicals plays an active role in subgroups with a view to developing the sustainable transition roadmap of the chemical industry.



Sustainability performance

Activities and highlights 2021



Sustainability Report

We published our yearly Sustainability Report on July 1, 2021, in accordance with **GRI**:

Core Option covers the governance structure of our company and our environmental, social and economic performance.



EcoVadis

OQ Chemicals holds **Gold status** on the EcoVadis platform. EcoVadis is one of the world's largest providers of business sustainability ratings. OQ Chemicals is one of the top five percent companies in its class.



TfS

Our Oberhausen site was successfully audited based on TfS (Together for Sustainability) requirements, covering the categories of environment, health and safety, labor and human rights, and governance. OQ Chemicals achieved an excellent score of 96 percent. Together for Sustainability (TfS) is a joint initiative of chemical companies. Founded in 2011, it has implemented a global program for assessing, auditing and improving sustainability practices within the supply chain of the chemical industry.



Sustainability performance

Activities and highlights



ISCC PLUS

Our sites in Monheim, Oberhausen and Marl were certified according to **ISCC PLUS** standards. ISCC (International Sustainability & Carbon Certification) is a sustainability certification system covering the entire supply chain and all kinds of bio-based feedstocks and renewables.

ISCC PLUS certification provides traceability along the supply chain and verifies that companies meet environmental and social standards.



Top Employer 2022

Our German locations were evaluated and subsequently certified as a Top Employer 2022 by the Top Employers Institute, an independent, globally recognized institute for certifying companies and their people practices.