

AKKÖK HOLDING Since 1952













Akkim

EUROPE





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ENERGY













Akkim

SILICONES



DOWAKSA









Combined Turnover of

Billion USD

More than

6.700

employees

Turkey's one and only carbon fiber producer

MISSION

We add value to life with chemistry







VISION

Becoming the leading chemical company of Turkey with minimum 1 billion USD turnover by 2029

Akkim





























PRODUCTION 5 LOCATIONS

800.000 TONS/YEAR CAPACITY

550 MILLION \$ TURNOVER









































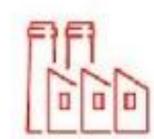




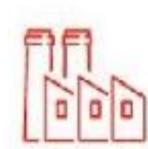




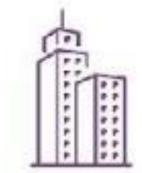
Akkim Kimya HQ İstanbul - Türkiye



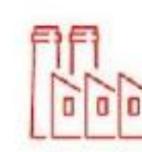
Akkim Kimya Yalova Plant (Inorganic) Yalova - Türkiye



Akkim Kimya Yalova Plant (Organic) Yalova - Türkiye



Akkim Europe-GmbH Dortmund - Germany



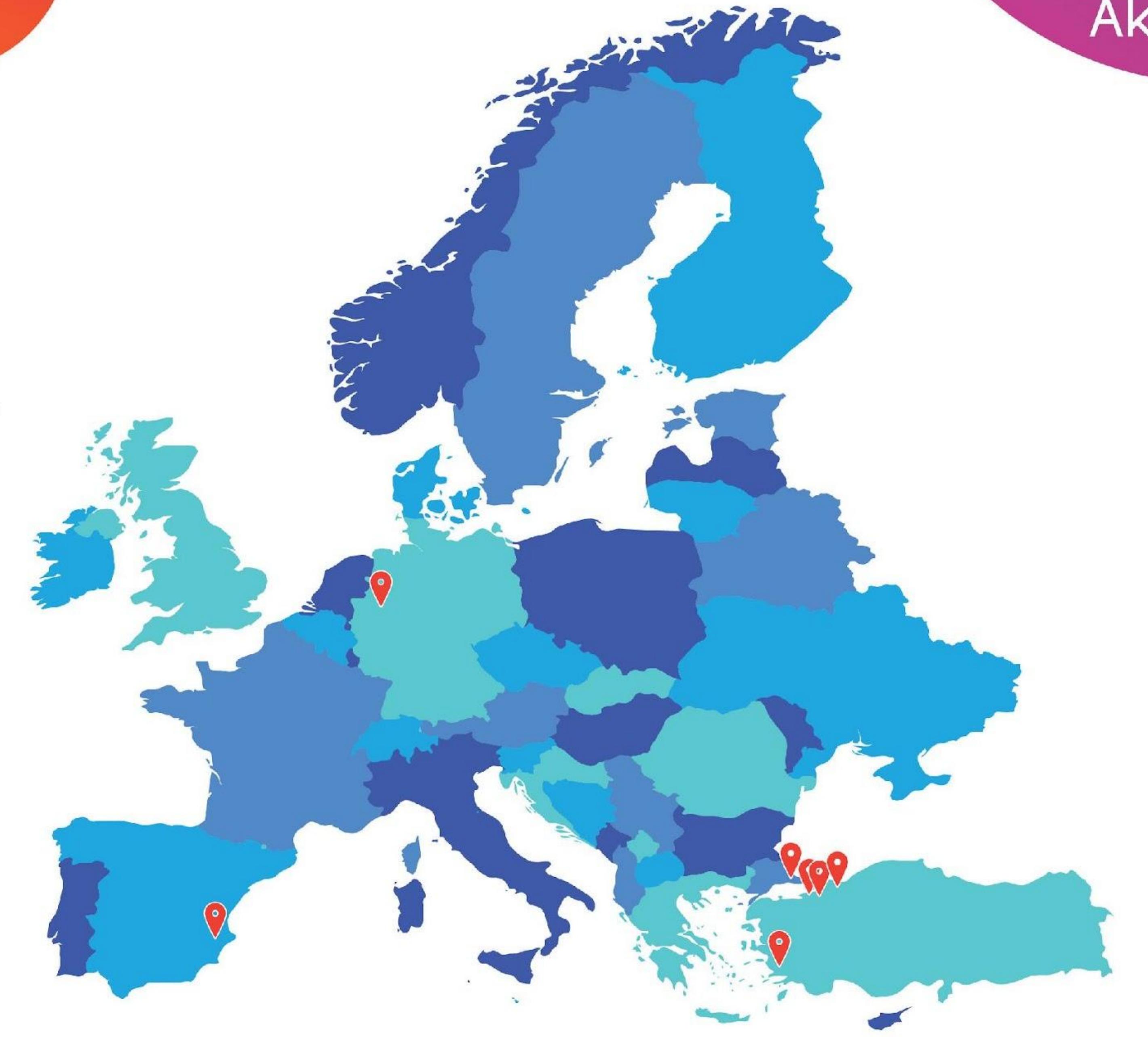
Akcoat Sakarya Plant Sakarya - Türkiye



Akkim Kimya Nazilli Plant Nazilli / Aydın - Türkiye



Akcoat España Onda / Castellón - Spain







Akkim Kimya was established and started sulphur dioxide production with 1.000 tons/year capacity.

Akkim started to produce persulphates.

Akkim started to produce textile chemicals.

Akkim started to produce methylamines.

Chlor alkali facility started the production with the capacity of 60K tons/year.

Akkim became one of the first Turkish companies who signed the Responsible Care Programme.

Akkim started to produce hydrogen peroxide.

> Akkim started to produce the pulp&papaer chemicals.

projects.

Akkim started to Akkim started to sell produce sodium engineering and epc percarbonate.

> Akkim started to produce construction

Akkim signed the United Nations Global Compact.

chemicals.

Our R&D center, accredited by the Ministry of Industry and Technology, was opened.

Akcoat acquired 100% shares of Megacolor which is one of the most important players in Spanish ceramics market.

40.000 tons/year capacity expansion completed in the hydrochloric acid plant.

Akkim has entered the advanced water purification sector by investing in ultrafiltration membrane module.

A new performance chemicals plant with the capacity of 150.000 tons/year has started the production.

Upgraded its recognition level from Silver to Gold following the sustainability evaluation of global supply chain corporate social responsibility conducted by EcoVadis.

Became a Bluesign System Partner. Received a TSE Covid-19 Safe

Production Certificate.

Akkim has started an investment for Turkey's first Epoxy Resin Plant, with a Capex of 130 million euro.

MERGERS AND ACQUISITIONS



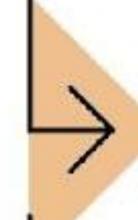
> 3

2013

Akkim established a joint venture company named Akferal with Feralco which is Europe's 2nd largest water chemicals producer. >

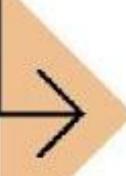
2014

Akferal acquired aluminum sulfate plants of Dostel Kimya.



2015

Akkim acquired 100% shares of Akcoat.



2017

Akkim acquired 100% shares of Dinox, a chemical sales and marketing company based in Germany.

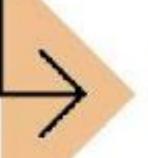
Akcoat acquired 100% shares of Megacolor which is one of the most important players in Spanish ceramics market.

Akkim acquired Feralco shares of Akferal JV.



2020

Akkim sold Dilovası and Osmaniye facilities.

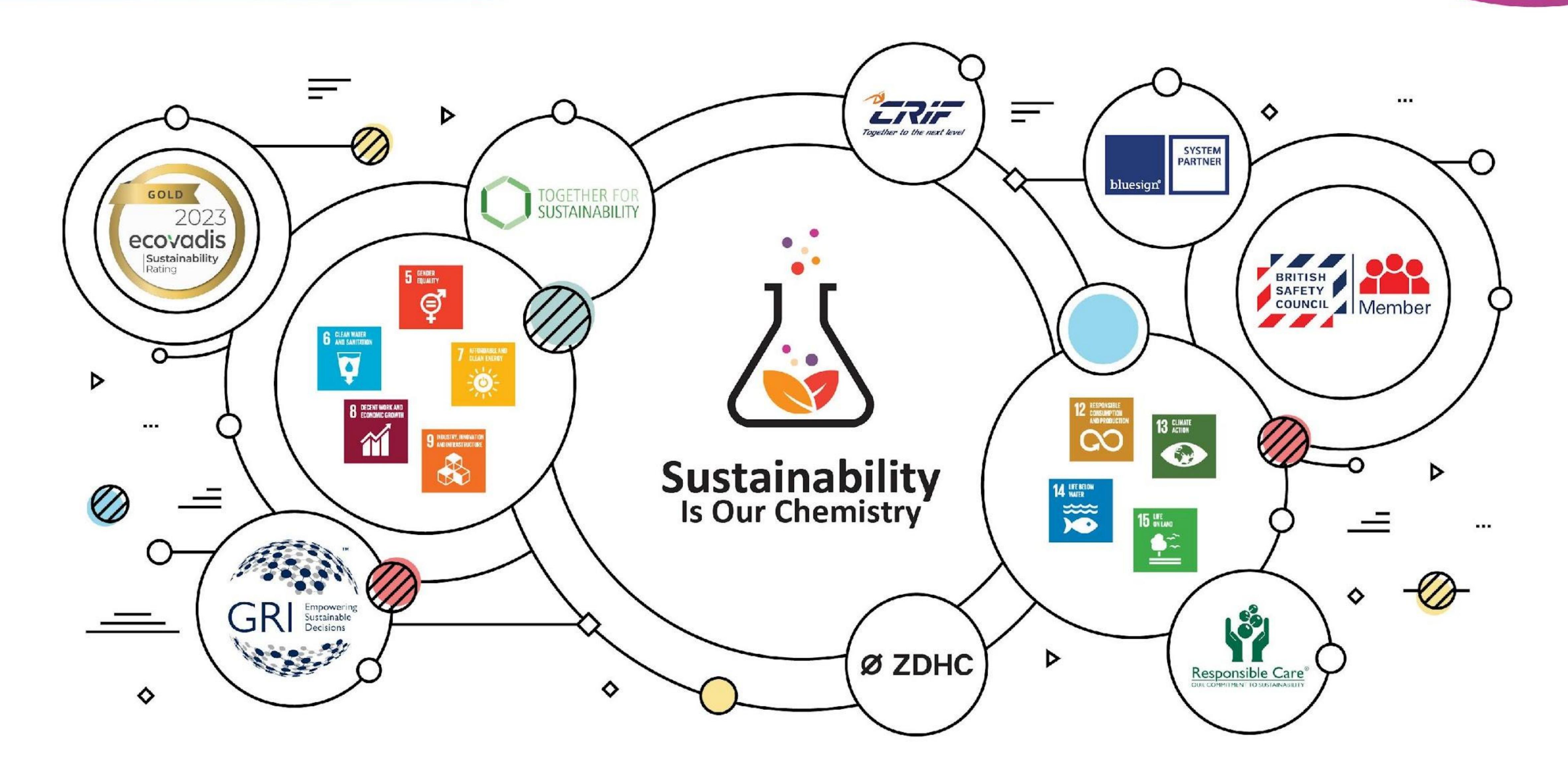


2021

Akkim acquired 100% shares of USK Kimya.

Akkim Silicones was established and started the production of silicone polymers.





STRENGTHS OF AKKIM



SUBSIDIARY
OF A
FINANCIALLY
ROBUST
GROUP

INTEGRATED PRODUCTION FACILITIES

ENGINEERING KNOW HOW (INTERNATIONAL PROJECTS EXPERIENCE)

STATE OF THE ART R&D CENTER CUSTOMER ORIENTED
APPROACH







TEXTILE CHEMICALS

PAPER CHEMICALS

WATER SOLUTIONS

CONSTRUCTION SOLUTIONS

PLASTIC ADDITIVES

COSMETIC CHEMICALS

PROJECT & INNOVATION

SPECIAL PROJECTS

66 patent applications



Innovation index

9625

Received the second place award under "A Group R&D Centers" category of the Ministry of Industry and Technology

PRODUCTS





Essential Chemicals

- Chlorine
- Sodium Hydroxide
- Hydrochloric Acid
- Sodium Hypochlorite
- Epichlorohydrin
- Sodium Metabisulfite
- Sodium Percarbonate
- Hydrogen Peroxide
- Esterquat
- Acetic Acid

- Glycerine
- Ammonium Persulfate
- Potassium Persulfate
- Sodium Persulfate
- Dimethylformamide
- Dimethylacetamide
- DMAHCL
- TMAHCL
- Dimetilamin
 (Dimethylamine)



Epoxy Resin & Specialty Chemicals

Epoxy Resins & Hardeners

Construction Solutions

- Cement Grinding Aids
- Shotcrete Admixtures
- Concrete Admixture Polymers
- Asphalt Additives
- TBM Ground Conditioner Foams
- Chemical Solutions

CMC (Carboxymethyl Cellulose)

(Food, mining, drilling, health care)

PAC (Polyanionic Cellulose)

(Drilling)

Plastic Solutions

- Plasticizers
- Lubricants
- Antifog
- Antistatics

PRODUCTS





Performance Chemicals

Paper Solutions

- Permanent Wet Strength Resins
- Temporary Wet Strength Resins
- Dry Strength Resins
- Internal & Surface Sizing Agents
- Yankee Coating Chemicals
- Bleaching Chemicals
- Repulping Agents
- Softeners
- Fixing Agents
- Defoamers

Textile Solutions

- Fiber Spinning & Finishing Chemicals
- Pretreatment Auxiliaries
- Dyeing & Printing Auxiliaries
- Neutralization & Buffer Acids
- Finishing Agents & Specialty Chemicals
- Softeners
- Denim Garment Chemicals

Water Solutions

- Ferric III Chloride
- Polyaluminium Chloride
- Coagulants
- Flocculants
- Antiscalants
- Emulsion Breakers
- Odor Removals
- Defoamers

Silicone Oils & Emulsions

- Silicone Hybrid Emulsions
- Reactive Amino Functional Fluids
- Hydrophilic Quat Polymers
- Hydrophilic Fluids
- AB Block Copolymers
- Macro/Micro Silicone Emulsions
- Polydimethyl Siloxane Fluids
- OH Functional Polydimethyl Siloxanes (Textiles, carbon fiber, acrylic fiber, home care, personal care)



Membrane Technologies

- Ultrafiltration membranes
- Microfiltration membranes
- MBR membranes

FIELD OF ACTIVITY





Home&Personal Care



Chemicals



Textiles



Paper



Water



Food



Pharma



Agro



Energy



Metals



Mining



Plastic



Construction



Performance Coating



Drilling

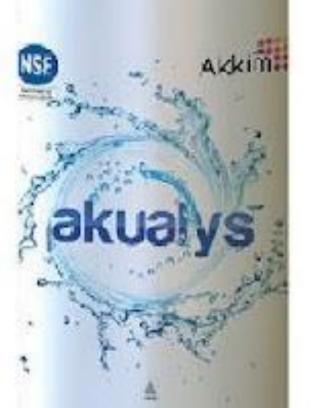
ULTRAFILTRATION MEMBRANES & MODULES

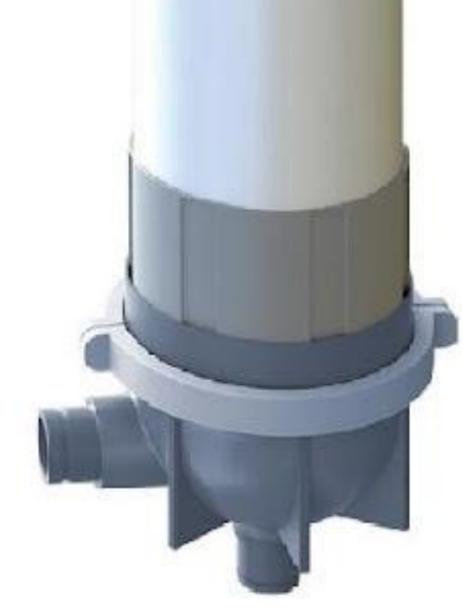


AKKIM IS THE FIRST AND ONLY PRODUCER IN TURKEY AND NEIGHBOURING COUNTRIES

- >> Industrial and municipal waste water treatment and reuse
- >> Municipal water treatment
- >> Effluent, brackish and surface water treatment
- >> Drinking water treatment
- >> Rain water collection
- >> Sea water desalination
- >> Cooling towers
- >> Food & Beverage industry
- >> Medical industry (bacteria free water production)
- >> Pharmaceutical industry and the many other industrial solution sytstems







THE FIRST EPOXY RESIN PLANT IN TURKEY





"Zero waste water" process technology



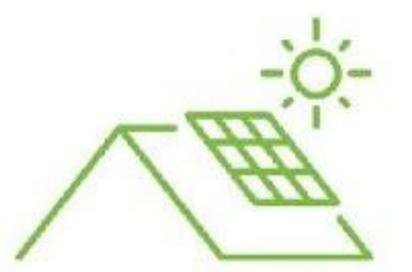
Total production capacity of 50.000 tons/year



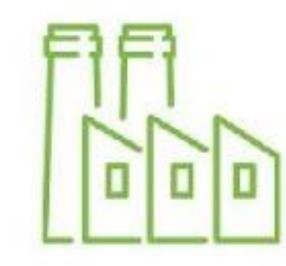
€130 million investment



Integrated with Akkim's Chlor-Alkali facilities



Solar Power Plant

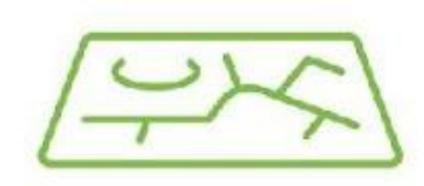


State of the art
Liquid and Solid
Epoxy Resins
Plant

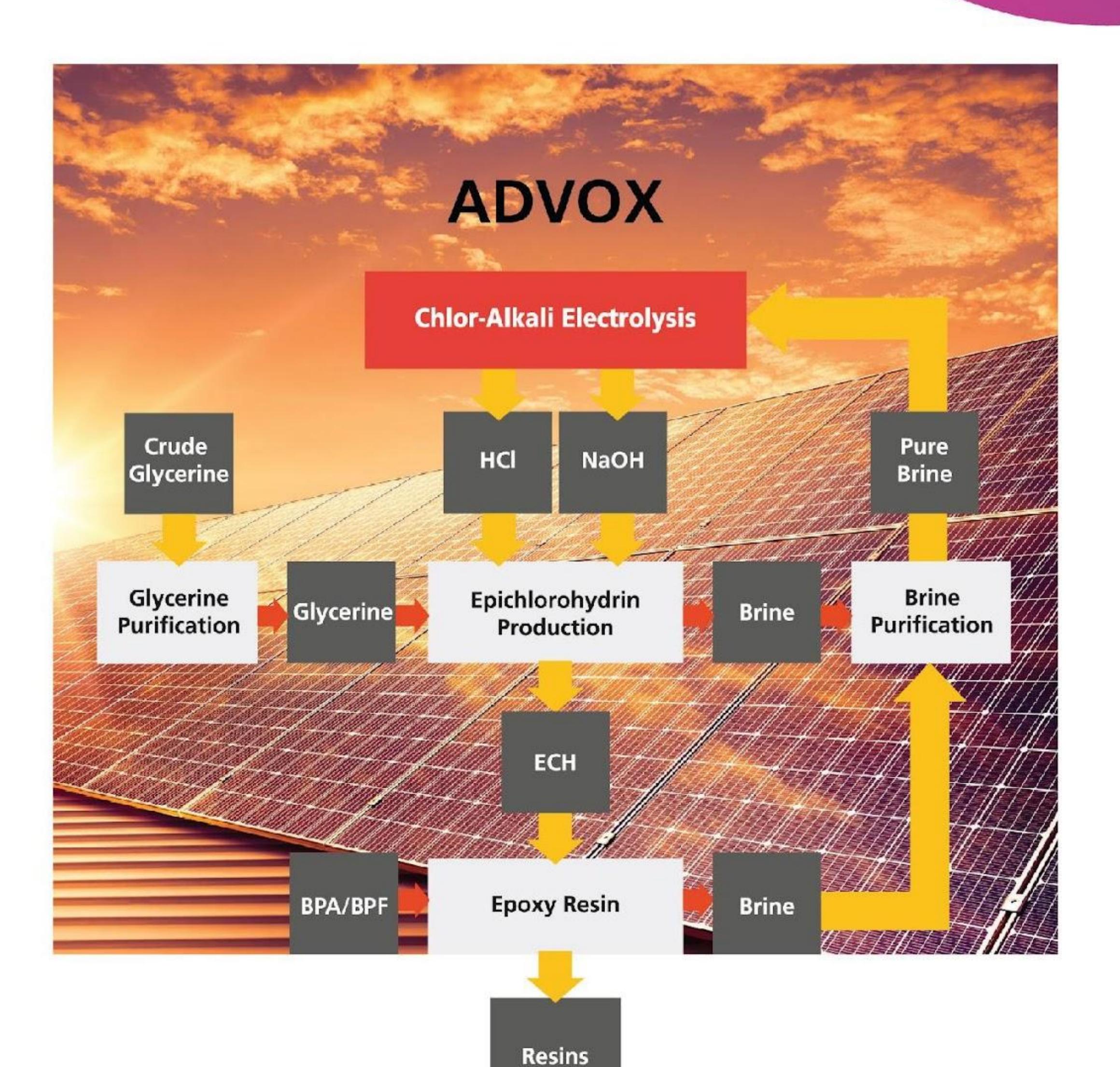


Wide range of usage

Industrial coatings, electrostatic powder paints, wind turbine blades, electrical and el ectronics industry, aerospace and defense industry, all composite applications



Land of 50.000 m²





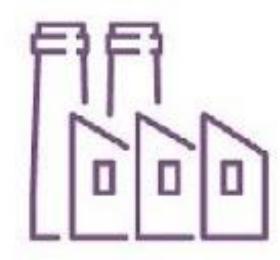






AKKİM SILICONES





Located in Akkim's impressive

Yalova Campus

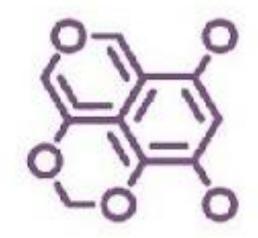


Commissioned in

May 2023

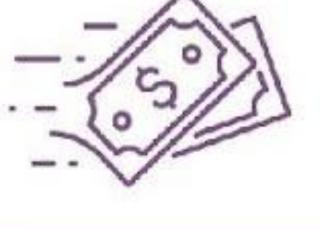


Hi-Tech products



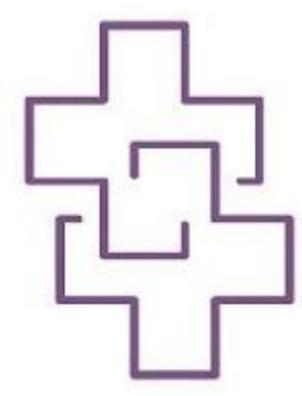
State of the art

Silicone Polymers Facility



\$10 million

investment



Wide range of usage

Construction, paper, textile, agriculture, food sectors, industrial coatings, paints and adhesives



Total production capacity of

8.000 tons/year





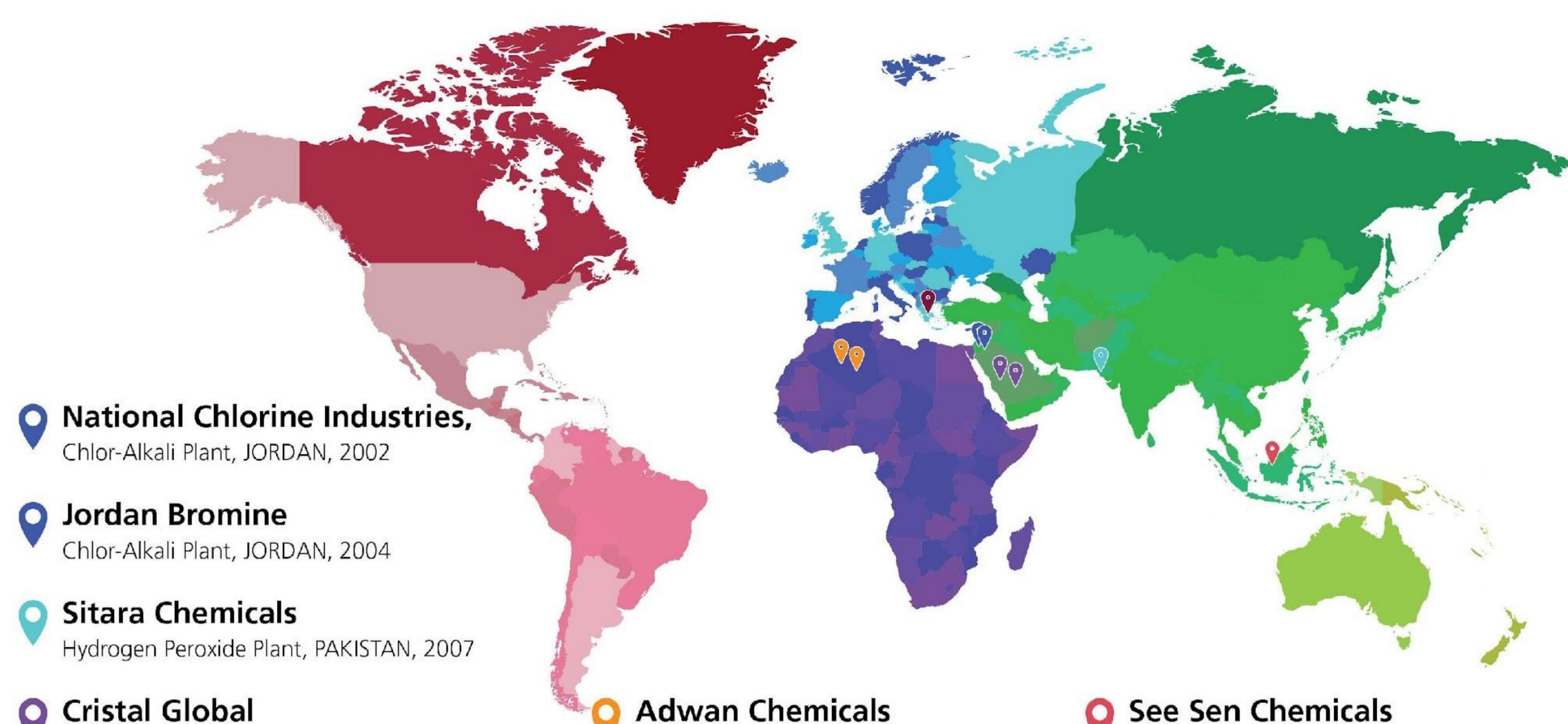






INTERNATIONAL ENGINEERING PROJECTS





JANA (Jubail Chemical Industries)
Chlor-Alkali Plant, SAUDI ARABIA, 2008

Chlor-Alkali Plant, SAUDI ARABIA, 2008

- Adwan Chemicals
 Ferric Chloride Plant, ALGERIA, 2014
- Adwan Chemicals
 Chlor-Alkali Plant, ALGERIA, 2012
- See Sen Chemicals
 PAC (Polyaluminum Chloride) Plant, MALAYSIA, 2020
- Kapachim

 Hydrochloric Acid Plant, GREECE, 2011



70 COUNTRIES 6 CONTINENTS

