



Akkim

[www.akkim.com.tr](http://www.akkim.com.tr)





## CHEMICALS

Akkim

Akkim  
EUROPE

akcoat

Akkim  
SILICONES

AKSA

DOWAKSA

EPSILON  
COMPOSITES



## ENERGY

akenerji

sedaş

sepaş enerji



## REAL ESTATE

AKIŞ  
GYO

akasya

akmerkez

akbatı

Combined Turnover of  
**4.5**  
Billion USD

**24**  
companies

More than  
**6.700**  
employees

**4**  
publicly  
traded  
companies

World's  
**biggest**  
acrylic fiber producer

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









1.400  
EMPLOYEES

PRODUCTION  
IN  
5 LOCATIONS

800.000  
TONS/YEAR  
CAPACITY

550  
MILLION \$  
TURNOVER



ISO 9001  
ISO 14001  
ISO 45001  
BUREAU VERITAS  
Certification



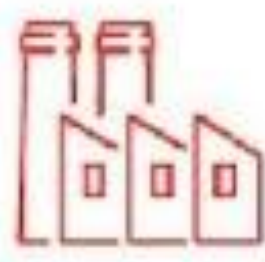
ISO 27001  
ISO 50001  
BUREAU VERITAS  
Certification







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*



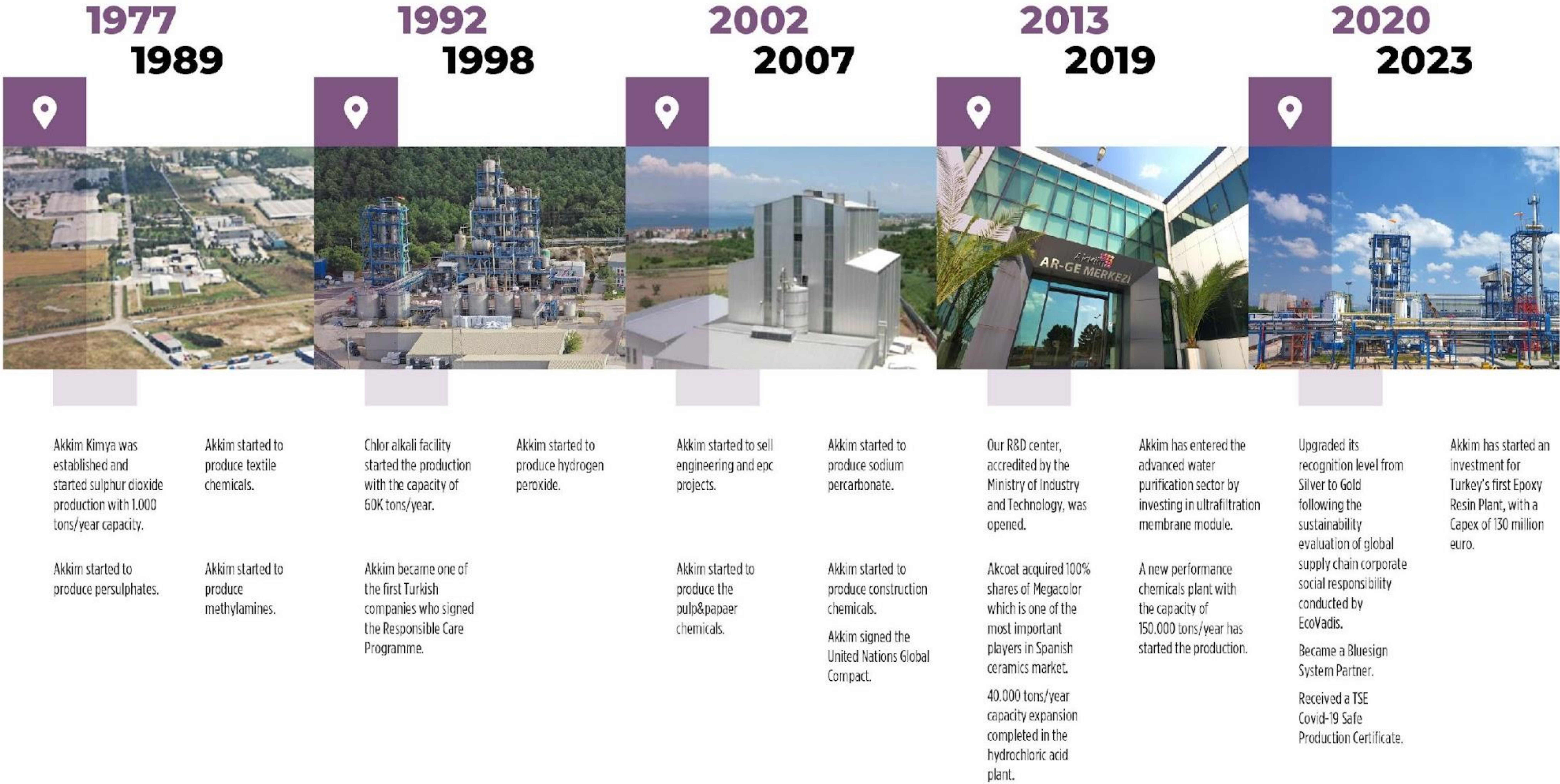
Akkim Kimya Nazilli Plant  
*Nazilli / Aydın - Türkiye*



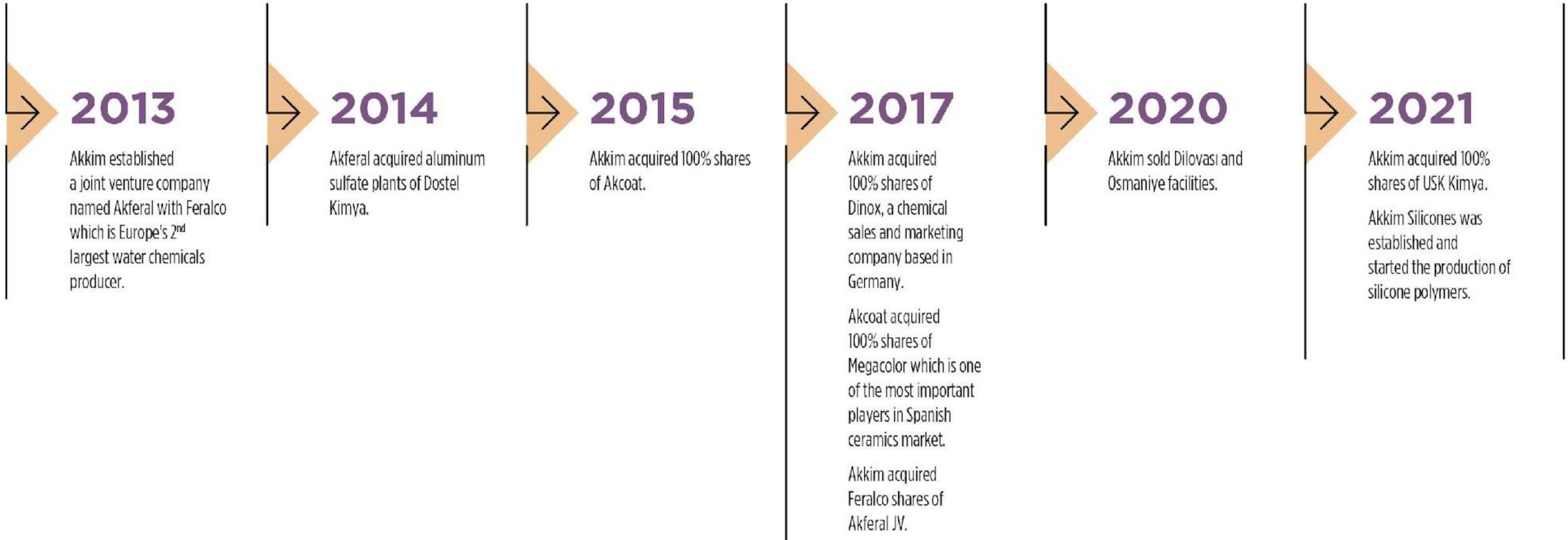
Akcoat España  
*Onda / Castellón - Spain*



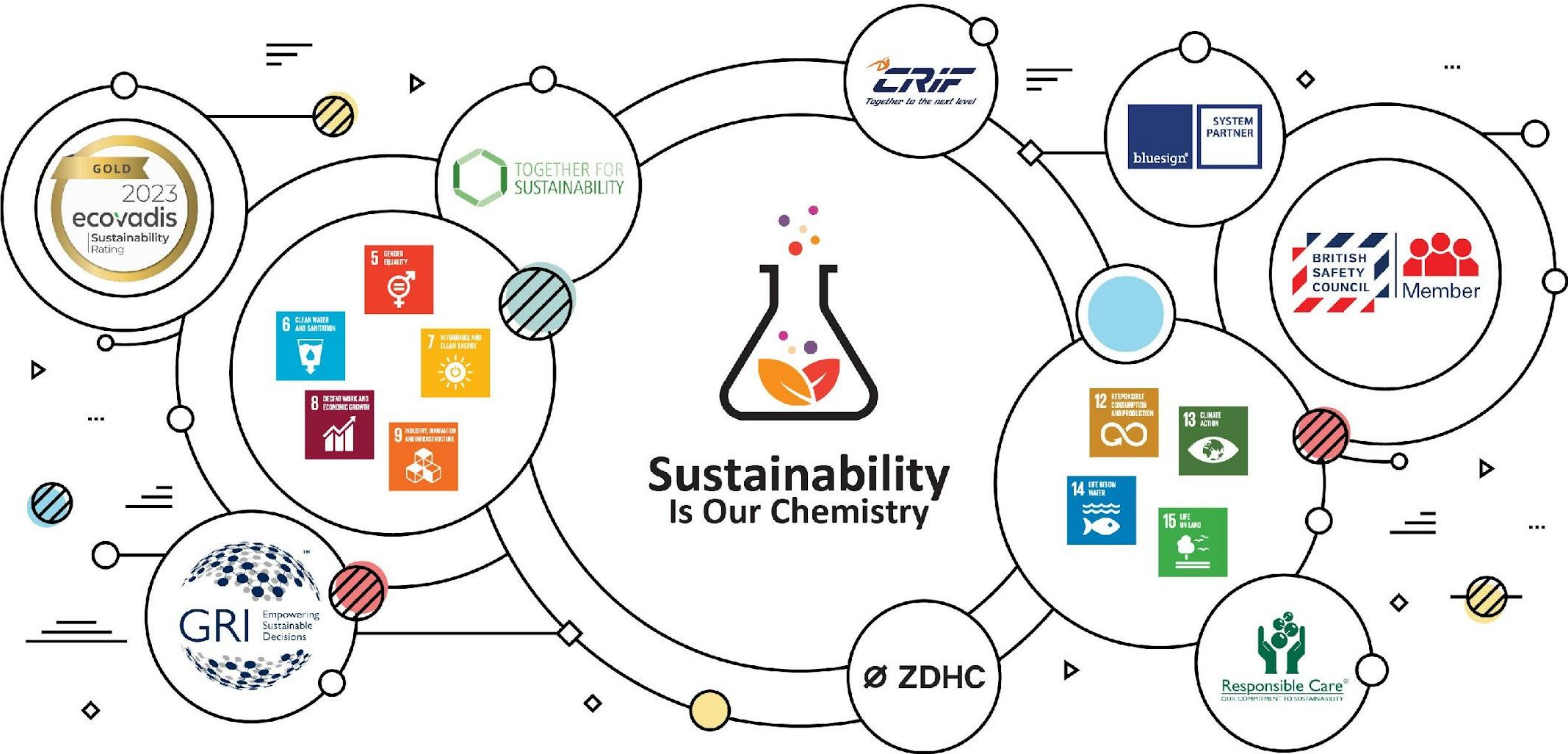














SUBSIDIARY  
OF A  
FINANCIALLY  
ROBUST  
GROUP

INTEGRATED  
PRODUCTION  
FACILITIES

ENGINEERING KNOW HOW  
(INTERNATIONAL PROJECTS  
EXPERIENCE)

STATE OF  
THE ART R&D  
CENTER

CUSTOMER -  
ORIENTED  
APPROACH

## LOCATION

- A port by the Marmara Sea
- Captive Energy & Steam (150 MW)
- Joint water treatment facility
- Co-siting synergies with Aksa & DowAksa
- Located in YALKİM Chemicals & Composite Industrial Zone
- Liquid storage tanks with port access





TEXTILE CHEMICALS

PAPER CHEMICALS

WATER SOLUTIONS

CONSTRUCTION SOLUTIONS

PLASTIC ADDITIVES

COSMETIC CHEMICALS

PROJECT & INNOVATION

SPECIAL PROJECTS

**66** patent applications



**TURK  
PATENT**  
TÜRK PATENT VE MARKA KURUMU

Innovation  
index  
**%25**

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



## 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



## 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





Home&Personal Care



Chemicals



Textiles



Paper



Water



Food



Pharma



Agro



Energy



Metals



Mining



Plastic



Construction



Performance Coating



Drilling





## AKKİM 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 systems





# THE FIRST EPOXY RESIN PLANT IN TURKEY



**"Zero waste water"**  
process technology



**€130 million**  
investment



**Solar Power**  
Plant



Total production  
capacity of  
**50.000**  
tons/year



Integrated with  
**Akkim's**  
Chlor-Alkali  
facilities



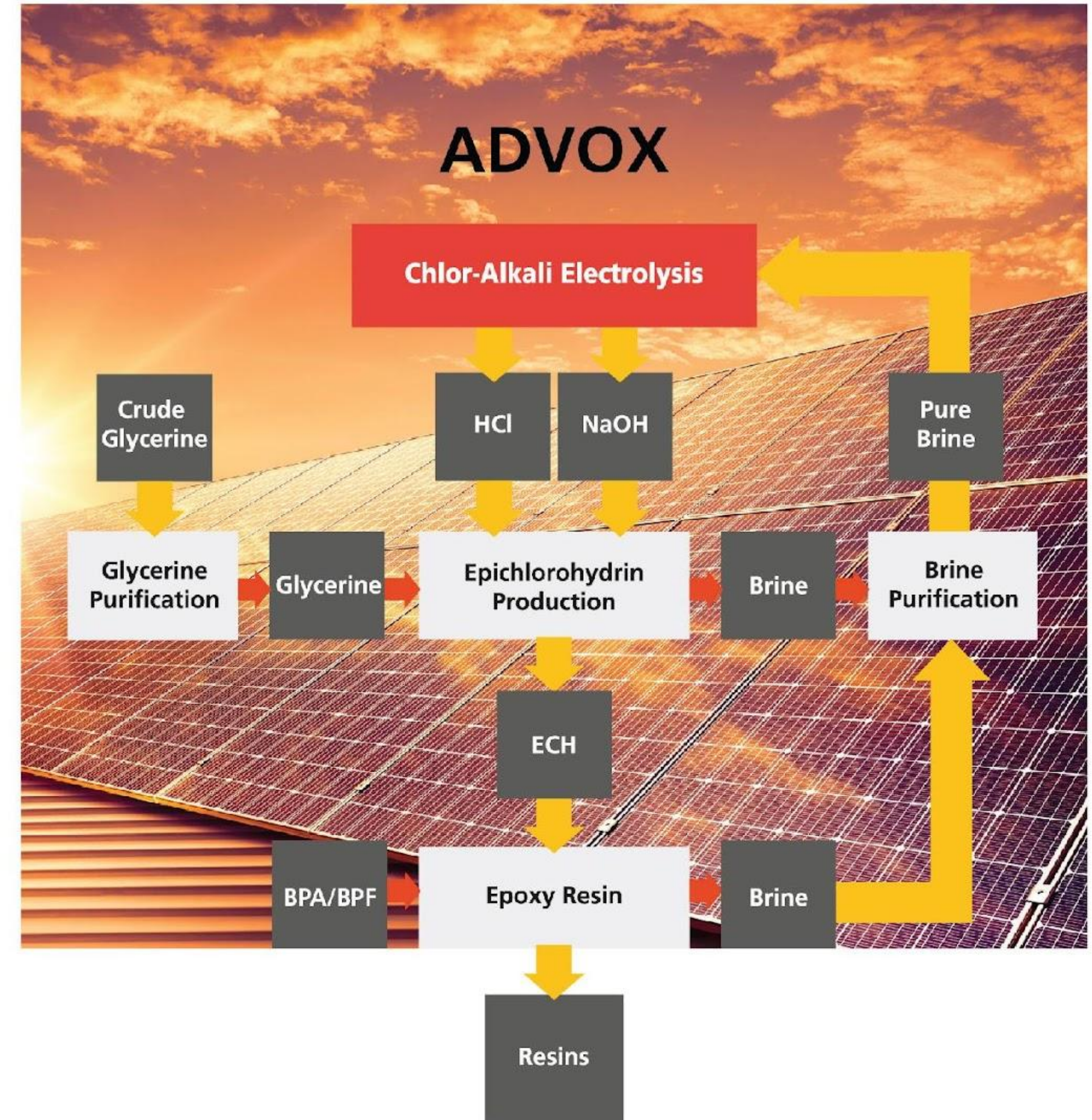
State of the art  
Liquid and Solid  
**Epoxy Resins**  
Plant



**Wide range of usage**  
Industrial coatings, electrostatic  
powder paints, wind turbine blades,  
electrical and electronics industry,  
aerospace and defense industry,  
all composite applications



Land of  
**50.000 m<sup>2</sup>**





# THE FIRST EPOXY RESIN PLANT IN TURKEY





# THE FIRST EPOXY RESIN PLANT IN TURKEY



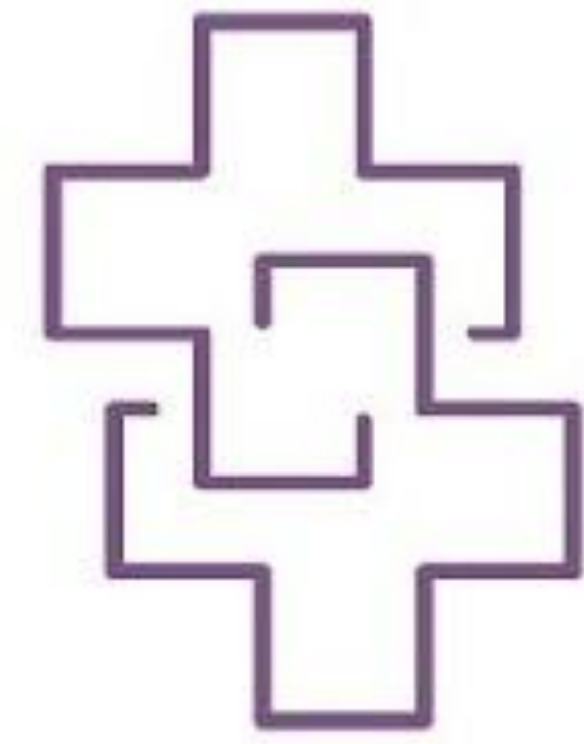




Located in Akkim's impressive  
**Yalova Campus**



State of the art  
**Silicone Polymers Facility**



**Wide range of usage**  
Construction, paper, textile,  
agriculture, food sectors,  
industrial coatings, paints and  
adhesives



Commissioned in  
**May 2023**



**\$10 million**  
investment



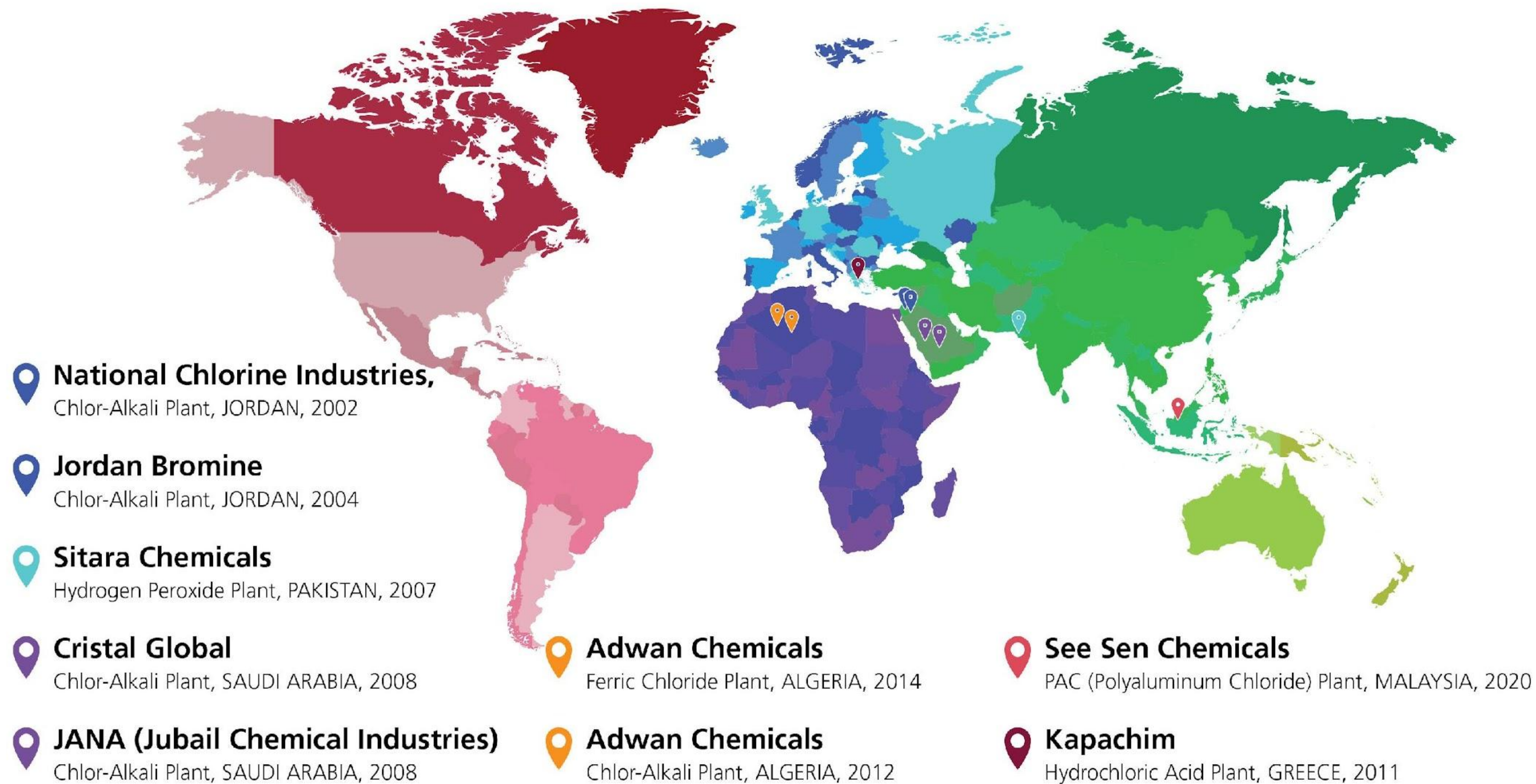
Total production  
capacity of  
**8.000**  
**tons/year**



**Hi-Tech**  
products









## 70 COUNTRIES 6 CONTINENTS





Akkim



AKKÖK  
HOLDING