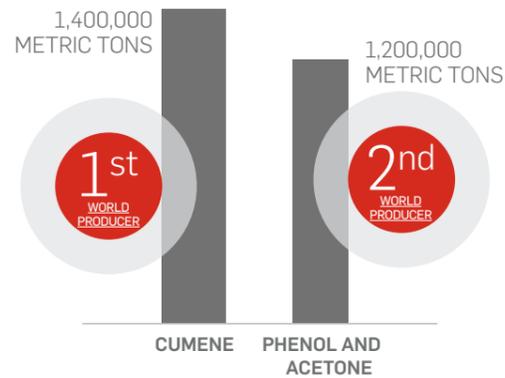




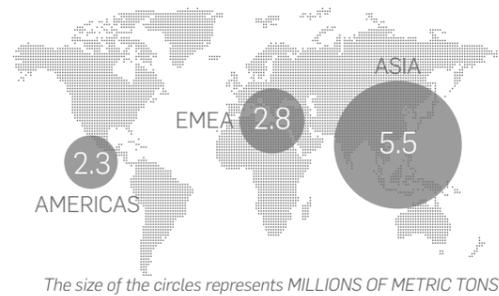
# CEPSA CHEMICAL SHANGHAI

THE COMPANY OPENS A PLANT IN THE BIGGEST PHENOL AND ACETONE PRODUCTION HUB IN THE WORLD

## ■ CEPSA, WORLD LEADER



## ■ WORLD PHENOL DEMAND



## ■ CHINA, THE KEY MARKET FOR PHENOL

FIGURES BEHIND CHOICE OF LOCATION:



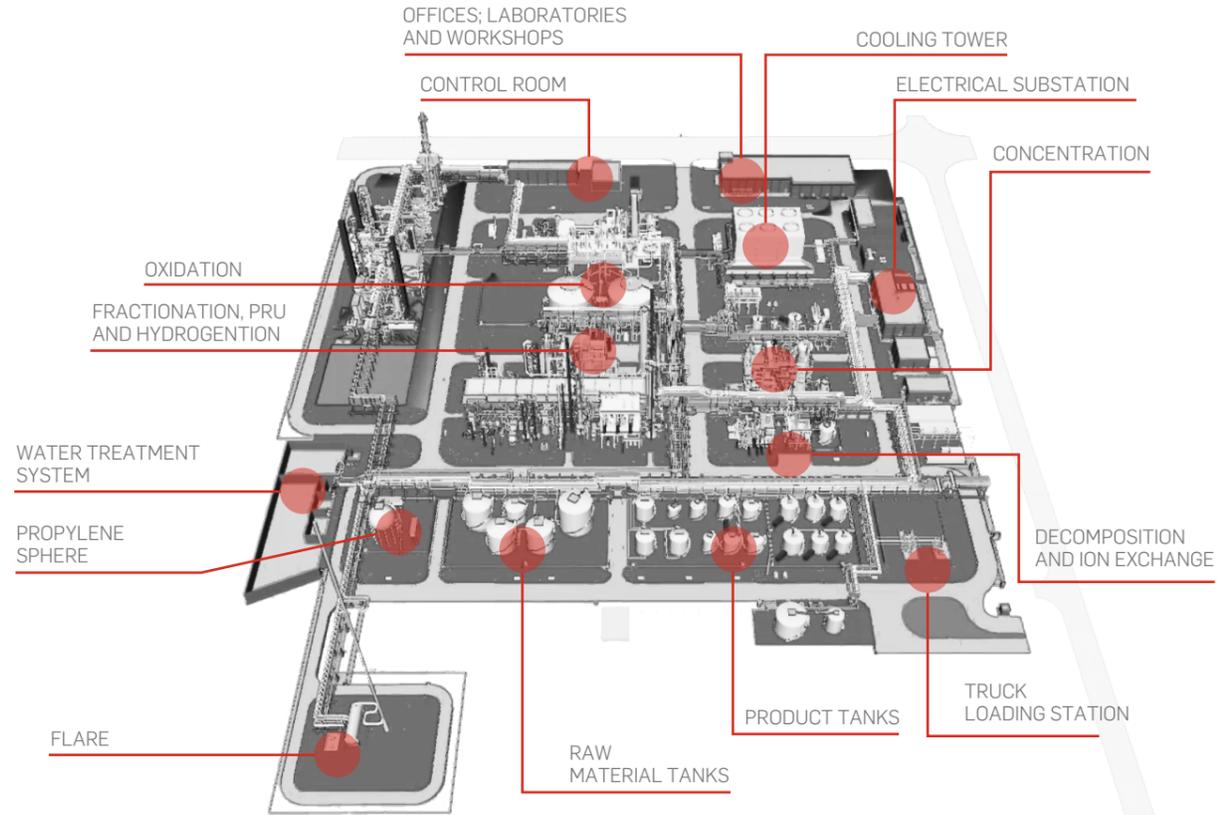
## ■ PLANT DIMENSIONS

### Characteristics

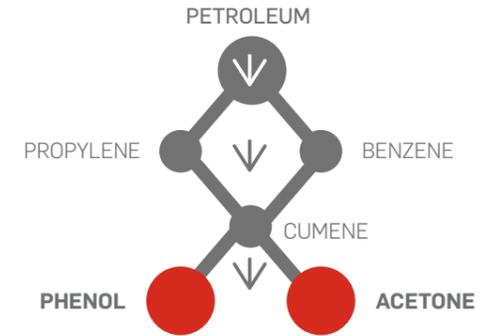
- Equipment: 282 electric motors
- Total installed power: 16 MW
- The Distributed Control Centre acts automatically on 465 control loops
- The Distributed Control Centre receives 5,736 continuous pressure, temperature and analyser readings
- Improved production process using CEPSA Technology (phenol purification)
- 202 sample points for the laboratory
- Analysis of up to 1,600 production flow parameters

### Production

- 250,000 METRIC TONS of phenol
- 150,000 METRIC TONS of acetone
- 360,000 METRIC TONS of cumene



## ■ PRODUCTION SEQUENCE



## ■ 'DOWNSTREAM' INTEGRATION



## ■ MOST COMMON USES FOR PHENOL AND ACETONE

MOBILE TELEPHONES AND IT

MANUFACTURE OF PLASTICS FOR CONSUMER PRODUCTS, SUCH AS MOBILE PHONES AND COMPUTERS LAPTOPS, LED LIGHTS, POLYCARBONATES AND OTHERS ENGINEERING PLASTICS

VEHICLE AND AIRCRAFT MANUFACTURE

MANUFACTURE OF LIGHT AND RESISTANT PLASTICS AND RUBBERS, THAT IMPROVE EFFICIENCY IN THE CONSUMPTION PLASTICS

CONSTRUCTION MATERIALS

COMPOSITE MATERIALS, SCRATCH-RESISTANT AND EASY-TO-CLEAN, FURNITURE AND MOULDING RESINS FOR CONSTRUCTION

PHARMACEUTICAL INDUSTRY

PRODUCTION OF ACETYLSALICYLIC ACID AND COMPLEX VITAMINS

SPECIFIC APPLICATIONS OF ACETONE

UNIVERSAL SOLVENT, ACRYLIC POLYMERS FOR PAINTS AND COATINGS

## ■ LOCATIONS

