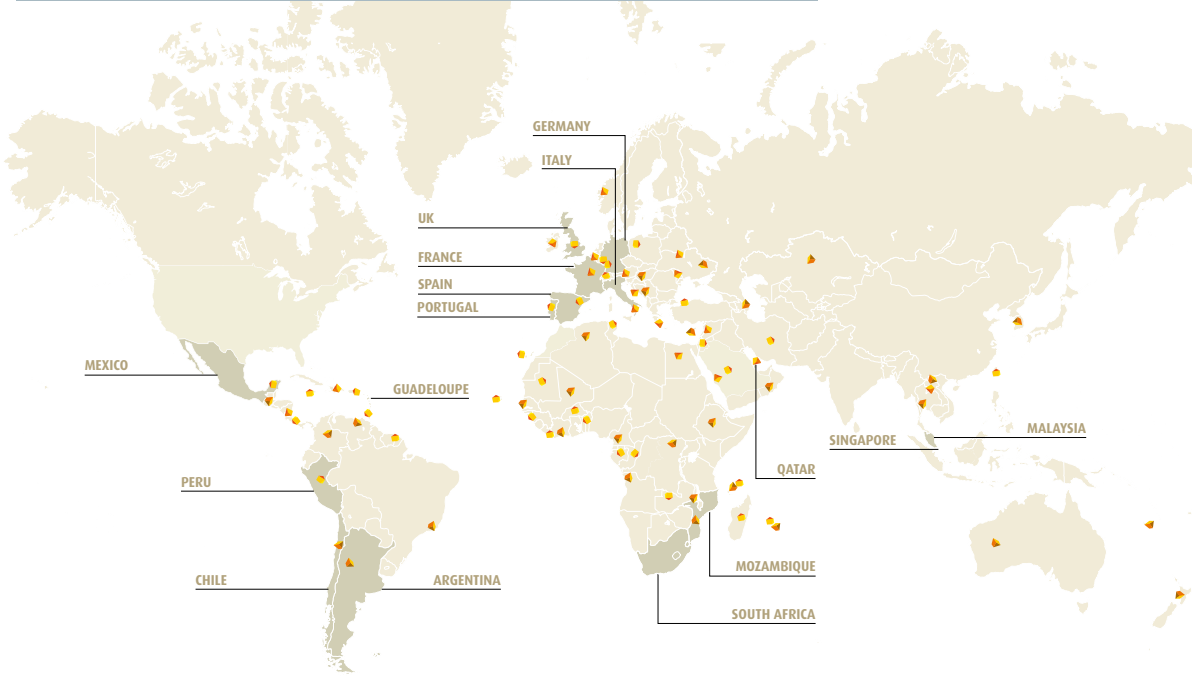


A global player for environmental management

- Offices / treatment sites
- ▲ Ongoing or completed contracts



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Our teams are at your service



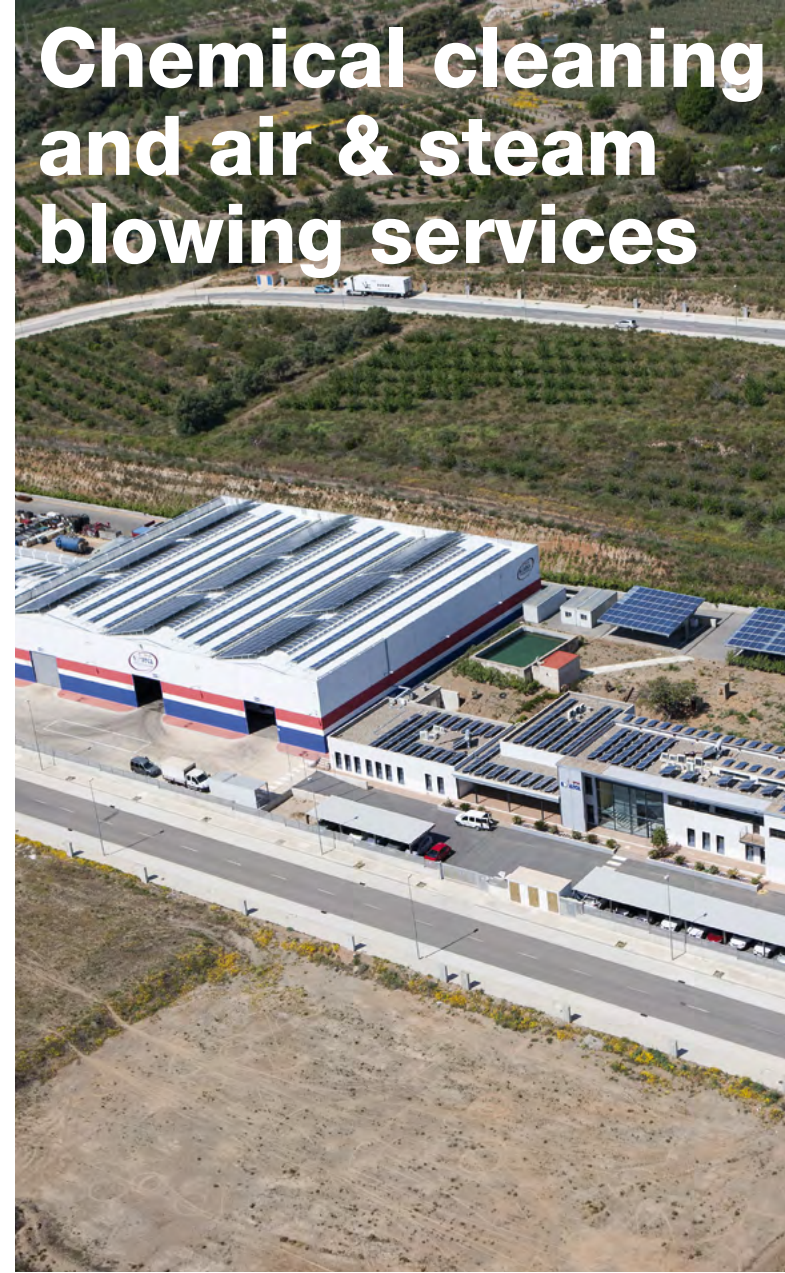
Tour Maine Montparnasse - BP 125
 33 avenue du Maine - 75755 Paris Cedex 15
 Tel: +33 1 53 21 53 53 - Fax: +33 1 53 21 53 54

www.groupe-seche.com

Séché Group, a world of solutions



Chemical cleaning and air & steam blowing services



Over 30 years of innovation

Subsidiary of Séché Group, Solarca, is a company specialized in chemical cleaning and air & steam blowing services, with a wide international experience, successfully completed projects in more than 75 countries. Solarca assists the biggest industrial players in sectors such as energy, Oil&Gas, chemical and petrochemical, offering pre-commissioning and maintenance services.

Track record over the last 10 years

- Over 200 Combined Cycle Projects Worldwide.
- More than 30 Concentrated Solar Power Plants (CSP) all over the world.
- Maintenance and pre-commissioning in refineries and petrochemical plants in Spain, Russia, Colombia, France, Malaysia, Belgium, and many other countries.

- Know-how**
- Chemical cleaning
 - Steam & air blowing
 - Slug flushing
 - Preoperational cleaning and passivation
 - On-line and Off-line furnace cleaning
 - Line drying
 - Gas side cleaning



Technical excellency and innovative services

Power plants services

- Steam generator and steam systems descaling and passivation
- One-phase cleaning and passivation of HRSG systems
- Heat exchanger, gas systems, and cooling circuit cleaning
- Tanks, equipment, and gas side cleaning
- Lube oil circuit flushing and chemical cleaning
- Db min steam blow
- Conventional steam blow
- Steam blowing to the condenser
- Air blowing
- Line pigging and drying
- Dry air cleaning
- Emulsion flushing



Refineries and petrochemical plants

- Pyrophoric deposit removal
- Degassing decontaminations
- Heavy hydrocarbon and sludge removal
- Fin fan exchanger cleaning
- Quench water systems cleaning
- On-line cleaning of heat exchangers
- Distillation columns chemical cleaning
- Lube oil circuit chemical cleaning and flushing
- On-line cleaning of furnaces
- Hard scale deposit removal
- Chemical cleaning of heat exchangers



Solar power plant services

Activities in Thermo-solar plants

- Chemical cleaning of:
 - Water/steam system
 - Cooling closed circuit
- Steam or air blowing of the steam systems
- Cleaning and drying:
 - HTF system in solar field
 - HTF system in power island
- Flushing of the turbine lubrication system

Types of Solar Plants serviced

- Concentrated Solar Power Plants
- Parabolic Cylinders
- Integrated Solar Combined Cycle
- Fresnel Lineal Solar Collectors
- Central Tower Receiver



Chemical Decontamination Services

Decontamination of petrochemical and refinery units to ensure gas-free conditions for safe entry

- No H2S
- No carcinogenic compounds (VOC, Benzene)
- No Explosive compounds
- No pyrophoric hazards

Typical units:

- Steam Crackers (QOT, QWT, CT)
- Butadiene Plants
- Aromatic Plants
- Flare Lines and KO Drums
- FCCU, CDU, VDU, SWS, Amine Plants



Laboratory

research, development and innovation in chemical cleaning



- Chemical Cleaning Procedures Optimization
- Corrosion Monitoring
- Solubility Tests
- Chemical Treatment Development
- Cleaning solution formulation
- Study of Waste Treatments

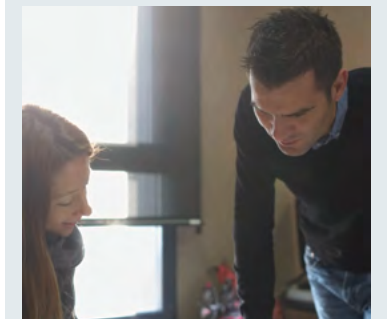
Biomass and paper mills plant services

- Black liquor boiler chemical cleaning and preservation.
- Online chemical cleaning of the flue gas side of the boiler.
- Heat exchanger and radiator chemical cleaning.
- Pressing rolls chemical cleaning.
- Pigging and drying of gas systems.

HSE

Séché Group HSE policy complies with the highest standards

- Certification ISO 9001, 14001 and OHSAS 18001



CERTIFICATIONS

