

**Chrome International  
Chromium IV  
Newcastle, South Africa**  
Detailed EPC and project management to meet stringent containment requirements to capture Chromium IV. 20-month schedule for design and construction, with more than 10% savings achieved against cost budget.

**Confidential Client  
Europe**  
Conceptual design and basic engineering of a new plant built on an existing site, consisting of silicones monomer plant, silicones intermediates plant and a finishing plant.

**Ineos Silicas  
Silica Gels Plant  
Jiangsu Province, China**  
Twelve-week feasibility study, site overview and +/-25 % cost estimate, completed on time and within budget.

**Confidential Client  
Agrochemicals  
China**  
Basic engineering, with subsequent development of design to support +/-30% and +/-15 % cost estimates, completed within tight time schedule.

**JANA  
Epichlorohydrin &  
Chlor-alkali  
Al-Jubail, Saudi Arabia**  
Project engineering services contractor for EPC phase of facility, to produce 30,000 tpa of epichlorohydrin, 50,000 tpa caustic soda and 45,000 tpa calcium chloride.



WORLD-CLASS PROJECTS



the right people with a  
'can do' attitude and the  
commitment to deliver

**Fine & Specialty  
Chemicals**  
Proven success world-wide

[chemicals@fwc.com](mailto:chemicals@fwc.com) [www.fwc.com](http://www.fwc.com)

**China**

Unit 01-05, 4th Floor, POS Plaza, 1600 Century Avenue, Pudong New Area, Shanghai 200122  
T +86 21 5820 0123 F +86 21 5820 4567

**France**

97 Quai de Bercy, 75597 Paris Cedex 12  
T +33 1 43 46 40 00 F +33 1 43 46 47 00

**Italy**

Via Sebastiano Caboto 1, 20094 Corsico, Milan  
T +39 02 44861 F +39 02 4486 3131

**Singapore**

32 Maxwell Road #02-01, Singapore 069115  
T +65 6890 0900 F +65 6221 9152

**South Africa**

(Location) 2nd Road, Halfway House, Midrand, 1685  
(Correspondence) PO Box 76, Halfway House, Midrand, 1685, South Africa  
T +27 11 690 0400 F +27 11 315 0243

**Spain**

Edificio Foster Wheeler, Calle Gabriel Garcia Marquez 2, 28230 Las Rozas, Madrid  
T +34 91 336 2500 F +34 91 336 2555

**Switzerland**

Lohweg 6, CH-4054 Basel  
T +41 61 283 2200 F +41 61 283 2201

**Thailand**

217 Moo 12, Sukhapiban 8 Road, Tungsookhla, Sriracha, Chonburi 20230  
T +66 38 352 200/6, 768 400/3 F +66 38 352 226/444

**Turkey**

Kozyatagi-Sari Kanarya Sokak 22, Yolbulan Plaza, B-Blok, 34742, Istanbul  
T +90 216 445 1335 F +90 216 445 1336

**UK**

Shinfield Park, Reading, Berkshire, RG2 9FW  
T +44 (0)118 913 1234 F +44 (0)118 913 2333

**USA**

2020 Dairy Ashford, Houston, Texas 77077  
T +1 281 597 3000 F +1 281 597 3050





# Foster Wheeler Ahead of the field

## World-class services

Foster Wheeler provides its clients with a full range of services, from feasibility studies to full EPC execution and from technical assistance to world-scale grassroots investments.

Our broad skills base and global resources ensure we can provide the best and most appropriate service:

- Engineering, procurement and construction
- Environmental engineering
- Feasibility studies
- Technology reviews
- Master planning
- Strategic studies
- Project development
- HSE consultancy
- Process design packages
- Project management

Extensive experience gained through working closely with major suppliers of licensed technology enables us to provide our clients with optimum solutions. We also offer a full range of utility and offsite systems.

## Plant & term services

We have built successful long-term relationships, including alliances and partnering agreements, with many clients world-wide.

### Turnarounds

- Excellent track record
- Manage entire turnarounds or work as an integrated team
- Deliver well-planned, short, safe turnarounds

### Term services

- Flexible and responsive teams, either local or on-site
- Global major engineering locations provide support when and where it is needed
- Term services cover projects ranging from routine work to small, medium and large investment programs
- Deliver long term benefits and continuous improvement, measured against agreed KPIs

### Local relationships

- We work with small companies local to site, building on existing relationships and delivering high value solutions

## Master planning & feasibility studies

We have experienced consultants able to deliver technical and economic plans for cost-effective investment.

- Numerous investment studies and separate technology evaluations completed
- Full planning services from initial market analysis and feasibility studies to the provision of an overall 'master plan'
- Development of optimum solutions by combining technology selection, and simulation modelling of facility configuration options
- Cost estimates based on extensive in-house data from completed projects and in-depth local knowledge
- Successful track record of planning site developments including review of existing assets
- Foster Wheeler's excellent reputation is of significant value to clients when presenting plans to potential investors

## EPC successes

We have a long track record of executing successful EPC projects, working with a wide variety of contract types from fully reimbursable to LSTK.

Foster Wheeler engineering experts design with a focus on safety, cost, time, constructability and operability. Flexibility and project-specific solutions are key.

### Construction & commissioning

Our construction management personnel are highly experienced professionals, who expect the same world-class standards on each construction site. With significant modularization experience, we have the expertise to develop the optimum construction strategy.

### Project management

Excellence underpins our project management track record and contributes significantly to our high level of repeat business.

We have a reputation for providing world-class project management, either as an integral part of our EPC project execution, or working with our clients as project management consultant.

## Geographic strengths

Foster Wheeler is a truly global company with full capability offices across the Americas, Asia and Europe.

We have been involved in projects all around the world, ranging from the more mature Western markets to the rapidly developing Asian and Middle Eastern markets.

Whatever the location, our global procurement ensures cost-effective purchasing.

Wherever you are in the world, we can help.



## Chemicals, pharmaceuticals, biotechnology & healthcare

Foster Wheeler is a world leader in the design, engineering and construction of fine and specialty chemicals, pharmaceutical, biotechnology and healthcare facilities.

Foster Wheeler has the skills relevant to engineering fine and specialty chemicals projects such as:

- Batch reactions
- Solids handling
- Containment & toxicity issues
- Buildings & architecture
- Air systems
- Control systems