



Elchemy

About Us

Elchemy is a tech-enabled **Contract Manufacturer** & **Cross-border Distributor** of chemicals offering faster & reliable supply chain.

Manufacturing + **Marketplace**

Elchemy through its in-house tech platform helps customers solve their most significant problem statement like - execution delays, increased cost and working capital constraints with offerings like;

1. Real-time order flow status
2. 100% order compliance with reduced TAT
3. Access to better working capital



What sets us apart?

We've layered old-age chemicals supply-chain business with technology without compromising the human element!

Manufacturing Clusters & Capability

400+

Manufacturing Facilities

100+

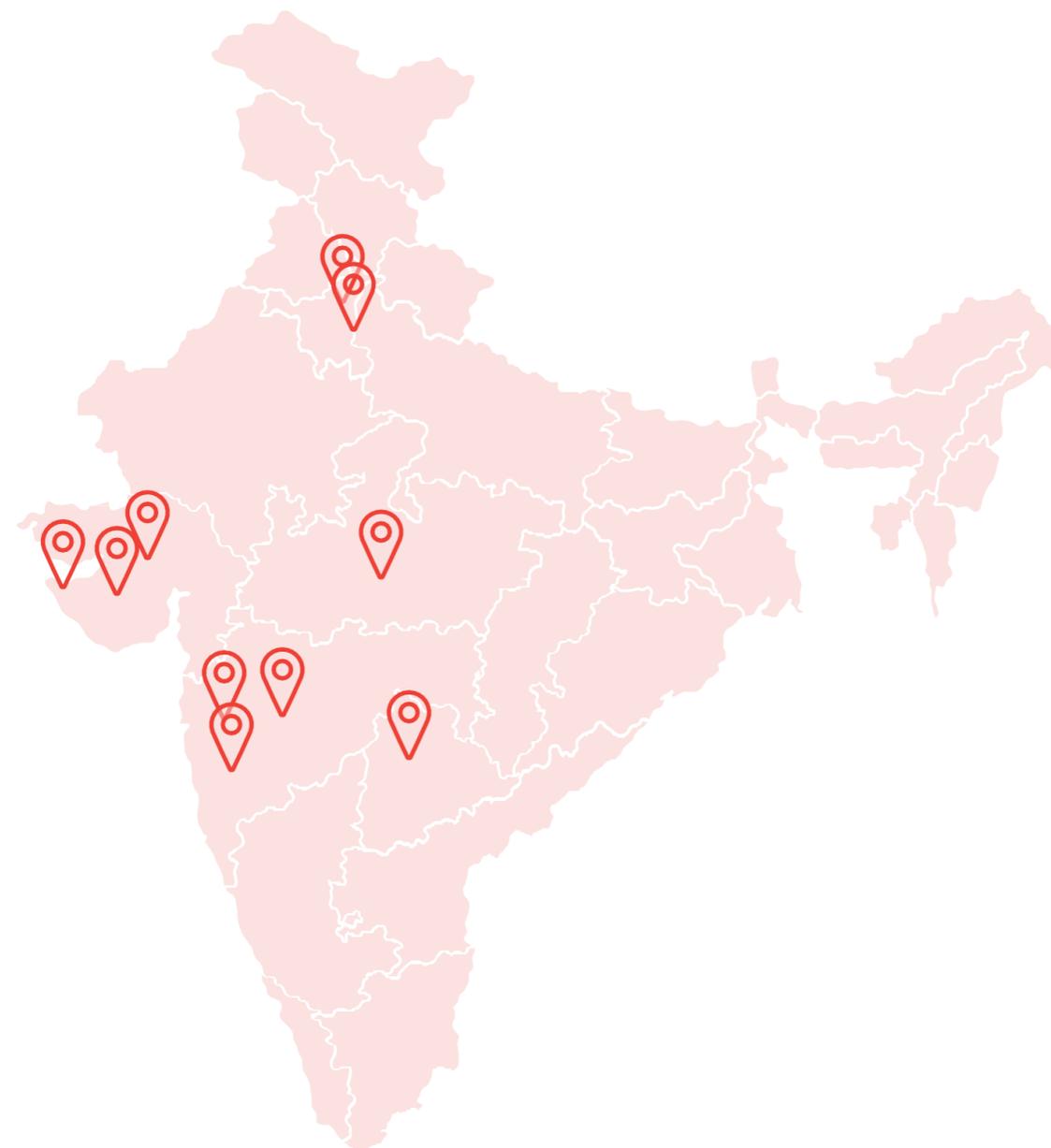
Chemicals & Counting

60+

Reaction Capability

40+

Exceptional Elchemists



Elchemy

* Led by InfoEdge Ventures & 18 angel investors



Custom

Manufacturing

CDMO • CRAMS • CMO • CRO

Technical & Infrastructural Capabilities

Reaction Capabilities Highlights

- Grignard Reaction
- Catalytic Hydrogenation
- High Vacuum Distillation
- Friedel Crafts Reaction
- Esterification
- Ethoxylation
- Reactions:
 - Darzen's Reaction, Blanc Reaction, Fischer, Fries Rearrangement, Claisen Rearrangement, Hoffman Reaction, Kolbe Schmitt Reaction, Suzuki Coupling, Swern Oxidation
 - Halogenation: Chlorination, Bromination,
 - Fluorination Condensation: (Aldol, Knoevenagel, Dickmann & Michael) Other Reactions: Alkylation,
 - Acetylation, Nitration, Cyanation, Amidation,
 - Sulphonation, Carboxylation, Oximation,

MPP Infrastructure

- 12,500 MTPA MPPs (Multipurpose Plants) across 3 sites in India
- 400+ specialized Tolling sites across India
- 76 Reactors (500m³) + 85 Tanks
 - 32 SUS (1-20m³)
 - 26 GL (1-16m³)
 - 4 Nickel-cladded
 - 2 Mild Steel
 - 6 HDPE lined
 - 6 Brick lined
- High Pressure Hydrogenation (Up to 80 Kg) Temperature Capability (-100°C to 180°C)

R&D/QC/Analytical Capabilities

- 15,000 sq ft world class R&D facilities
- 44 R&D chemists, 25 PhDs
- 3 GCs, 3 HPLCs, 1 NMR
- Atomic absorption, differential scanning, IR, GS, ultraviolet to visible spectroscopy

Manufacturing Locations



Manufacturing Capability & Compliances

Site Photos Certifications



Site



Reaction Capabilities

- Pressure Autoclave
- Friedel Crafts
- Grignard Reaction
- Nitration
- Chlorination
- Catalytic Hydrogenation
- High-Vacuum Distillation



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Manufacturing Capability & Compliances

Site Photos



Site Certifications



Sustainability Focus

Sewage Treatment Plant
~200 kilolitres of water per month is recycled

Waste Recycle Plant
~360 kilolitres of water per month is recycled

Bio-mass Boiler Project
23% reduction in carbon emissions compared to usage of fossil fuel

Electricity Optimization Project
16% reduction in CO₂ emissions compared to previous years

Zero Water Load
8,500MT of 10,000MT runs on Zero Water Load

Waste to Energy Project
15MT waste converted into energy

Sustainability Measurement



In-house R&D and QC Lab

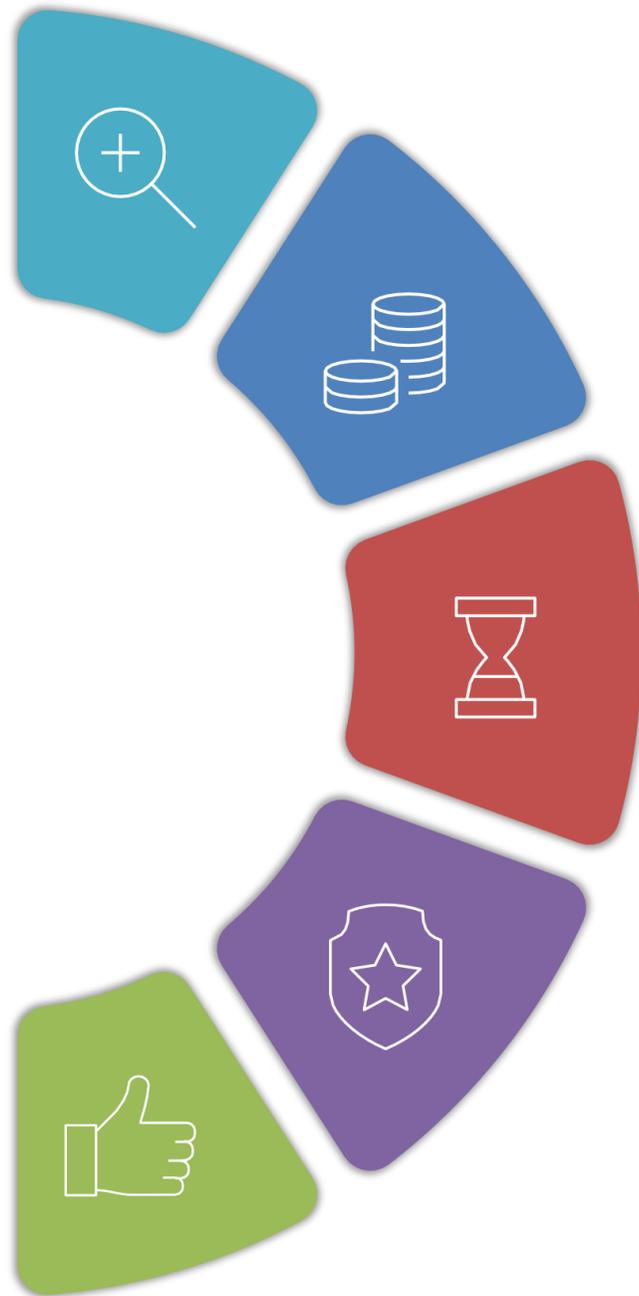


Available Instruments

- HPLC
- GCMS
- GCMSHS
- FTIR Spectrometer
- Karl-Fischer Titration
- Drying Oven
- Particle Size Analyzer
- Melting Point Apparatus
- UV Cabinet
- Polari Meter
- Analytical Meter
- pH Meter
- Oil Bath with Digital Indicator



Elchemy Playbook is built on 5 core capabilities



Sourcing excellence

- Over 6000+ curated suppliers globally, 1000+ chemicals for faster access to raw material and intermediates sourcing.

Manufacturing excellence

- Over 400+ smaller to medium scale manufacturing sites across India, having 65+ reaction capabilities.

Faster TAT & OTIF

- Vast network of technical consultants from industry and R&D facilities for faster R&D, synthesis and commercial scale-up.

Best in class Backward Integration

- 0.5% Suppliers delisted from the platform - We do a thorough underwriting and capability mapping of suppliers before onboarding with us to mitigate any risk arising while serving our customers.

In-house QA/QC control Mechanism

- State-of-the art analytical instruments including HPLC, GC, NMR, and Mass Spectrometry for comprehensive testing and validation.
- Dedicated central fulfillment center and warehouses to maintain inventory of critical and JIT requirements.

a. List of reaction capabilities

S. No.	Reaction Capability	S. No.	Reaction Capability
1	Acetylation	31	High-Pressure Solvent Reaction
2	Alkali Metal Reactions	32	High-Vacuum Distillation
3	Alkylation	33	Hoffman Reaction
4	Amidation	34	Hydrogenation
5	Amination	35	Hydrolysis
6	Ammonolysis	36	Kolbe Schmitt Reaction
7	Birch Reduction	37	Methoxylations
8	Blending	38	Micronization
9	Bromination	39	Nitration
10	Bromine Recovery	40	Oxidation
11	Carbonylation	41	Oximation
12	Catalytic Hydrogenation	42	Phosgenation
13	Chlorination	43	Phosponation
14	Condensation (Aldol, Knoevenagel, Dickmann & Michael)	44	Polymerisation
15	Corey-Tchaikovsky Reaction	45	Reduction
16	Cross-coupling Reactions	46	Solvent Recovery
17	Cryogenic Reactions	47	Sulphonation
18	Cyclization	48	Suzuki Coupling
19	Dehydrogenation	49	Swern Oxidation
20	Distillation	50	Vapour Phase Chlorination
21	Drowning	51	Dakin Reaction
22	Esterification	52	Darzen's Reaction
23	Ethoxylation	53	Decarboxylation
24	Fluorine Chemistry (HF/KF)	54	Diels-Alder Reaction
25	Formulation	55	Fries Rearrangement
26	Friedel Crafts Reaction	56	Isomerization
27	Grignard Reaction	57	Sommelet Reaction
28	Halogenation	58	Michael Addition
29	Hetero Diels Alder Reaction	59	Ketalization & Trans-ketalization
30	High Pressure Alkali Fusion	60	Epoxidation Reaction



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Thank You!