

CAPXIMIZE INDIA

Collaborate | Co-exist | Co-elevate



India - Most Suited Long-Term Sourcing Hub



THE TIMES OF INDIA

Stable, futuristic policies making India global manufacturing hub: PM Narendra Modi

TNN | Oct 31, 2022, 01:35 AM IST



VADODARA: The country has emerged as a major international manufacturing hub because of the government's policies that are "stable, predictable and futuristic", PM Narendra Modi said Sunday and exhorted global defence majors to make military hardware in India. The PM was addressing a gathering of industrialists and industry representatives here as he laid the foundation stone of the Tata-Airbus C295 plant, India's first transport aircraft manufacturing unit for the IAF.

"Today India is working with a new mindset and new work culture," the PM said. "India is making fighter jets, tanks, submarines, medicines, vaccines, electronic gadgets, mobile phones and cars that are popular in many countries."

Trade war: Donald Trump's 50% 'penalty' tariffs threaten India's manufacturing goals, warns Moody's; GDP growth could slow by 0.3%

TOI Business Desk / TIMESOFINDIA.COM / Updated: Aug 08, 2025, 11:09 IST



Moody's warns that US tariffs doubling to 50% on Indian goods, due to continued Russian oil purchases, could significantly hinder India's manufacturing ambitions and investment inflows. This may slow GDP growth by 0.3% in FY2025-26.



US President Donald Trump's decision to double tariffs on Indian goods to 50% could deal a major blow to New Delhi's manufacturing ambitions, ratings agency Moody's warned on Friday.

Moody's cautioned that the steep tariff gap compared with other Asia-Pacific nations could reverse some of India's recent gains in attracting global investment, hurting both growth and inflation.

Foxconn aims to make India its third EV hub, eyes 5% global market share by 2025

The Taiwanese company has held talks with Telangana and Tamil Nadu governments to set up an EV plant and a decision is expected soon. Bharat FIH, Foxconn's India arm, has been making components for EV companies such as Ather Energy and Ola Electric since 2015

MONEYCONTROL NEWS | AUGUST 14, 2023 / 09:08 IST



Make in India



Sourcing Security



A Tradable OpEx Model of Manufacturing Capacities



Stable Financial & Legal Eco-system



Manufacturing sector Contribution in India to move up from 16% → 25% of GDP & GDP moving up \$10T in 5 years



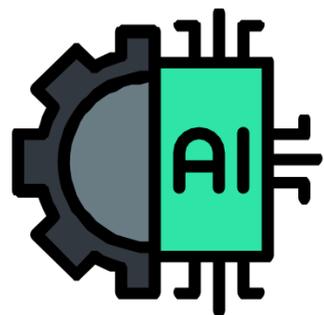
India strives to become the Global Manufacturing Hub



CapEx To OpEx Model: ~58%* of Global Manufacturers prefer to move to OpEx Model



Maximize cross-sector capacity utilization to enhance business opportunities.



AI-Driven Proprietary Algorithm to operate on exhaustive sectoral Information Architecture



Alignment with Carbon Emission Reduction (CER) - ESG and SDG 12



\$494 Billion

India's Manufacturing GVA (Jul'25)

75%

India's Utilized Mfg. Capacity (Jul'25)



\$161 Billion

TAM of 25% Unutilized Capacity

***approx ~ ₹13.78 Lakh Crore**

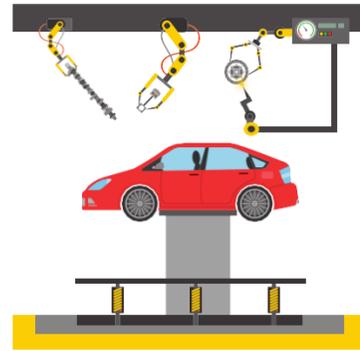


Every 1%

**increase in Utilization
corresponds to USD \$6.5 Billion**

***Source: Trading Economics (tradingeconomics.com)**

Present Sector Selection - Growth & Global Opportunities



The Auto Components industry is **\$74 billion** at the end of fiscal year 2024 and is expected to reach **\$200 billion by 2030**



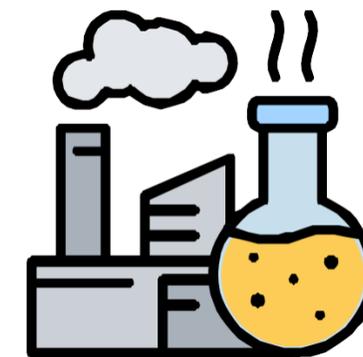
The Pharmaceutical industry was **\$64 billion** in 2024 and is expected to reach **\$120 billion by 2030**



The electronics manufacturing sector was valued at **\$115 billion** in 2022 and is expected to reach **\$500 billion by 2030**



The Textile industry was Valued at **\$240.8 billion** in 2024 and is expected to reach **\$350 billion by 2030.**



The Indian specialty and fine chemicals market is Valued at **\$46.66 billion** in 2022 and is projected to reach **\$95.15 billion by 2030**

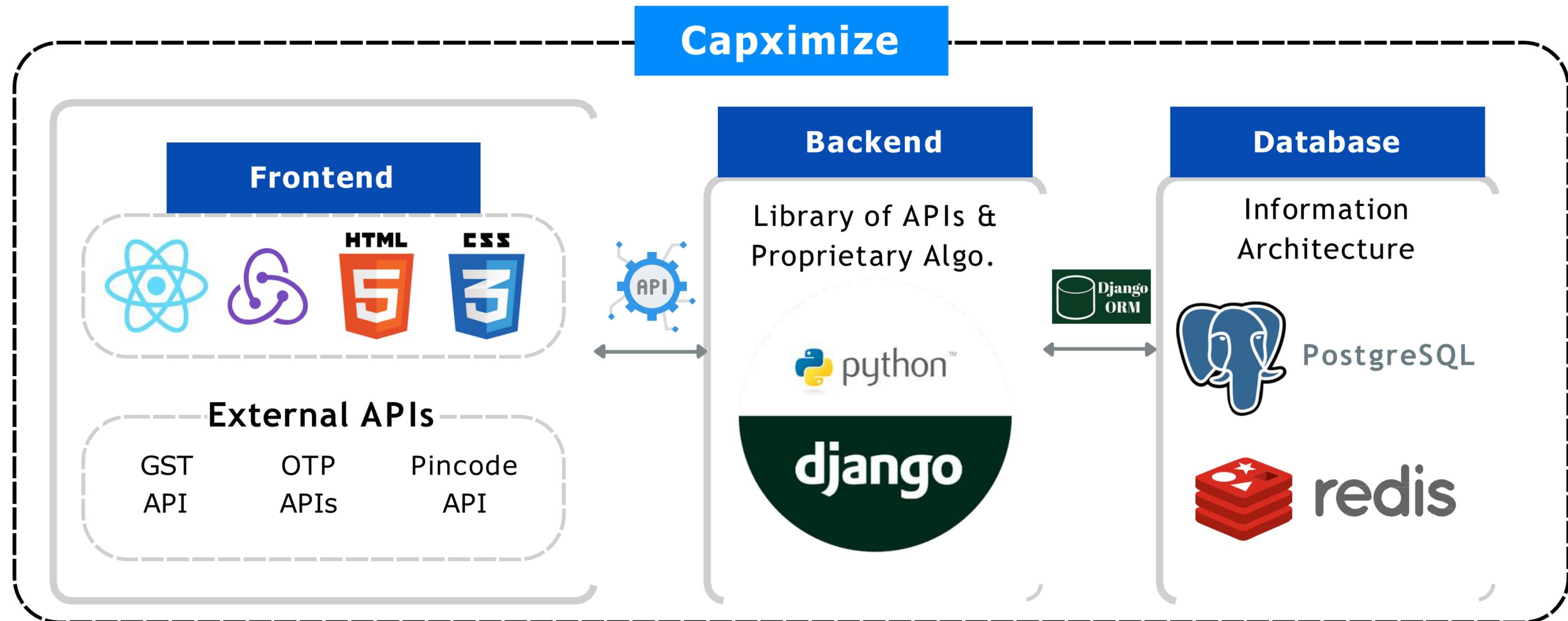
Sector Agnostic Approach



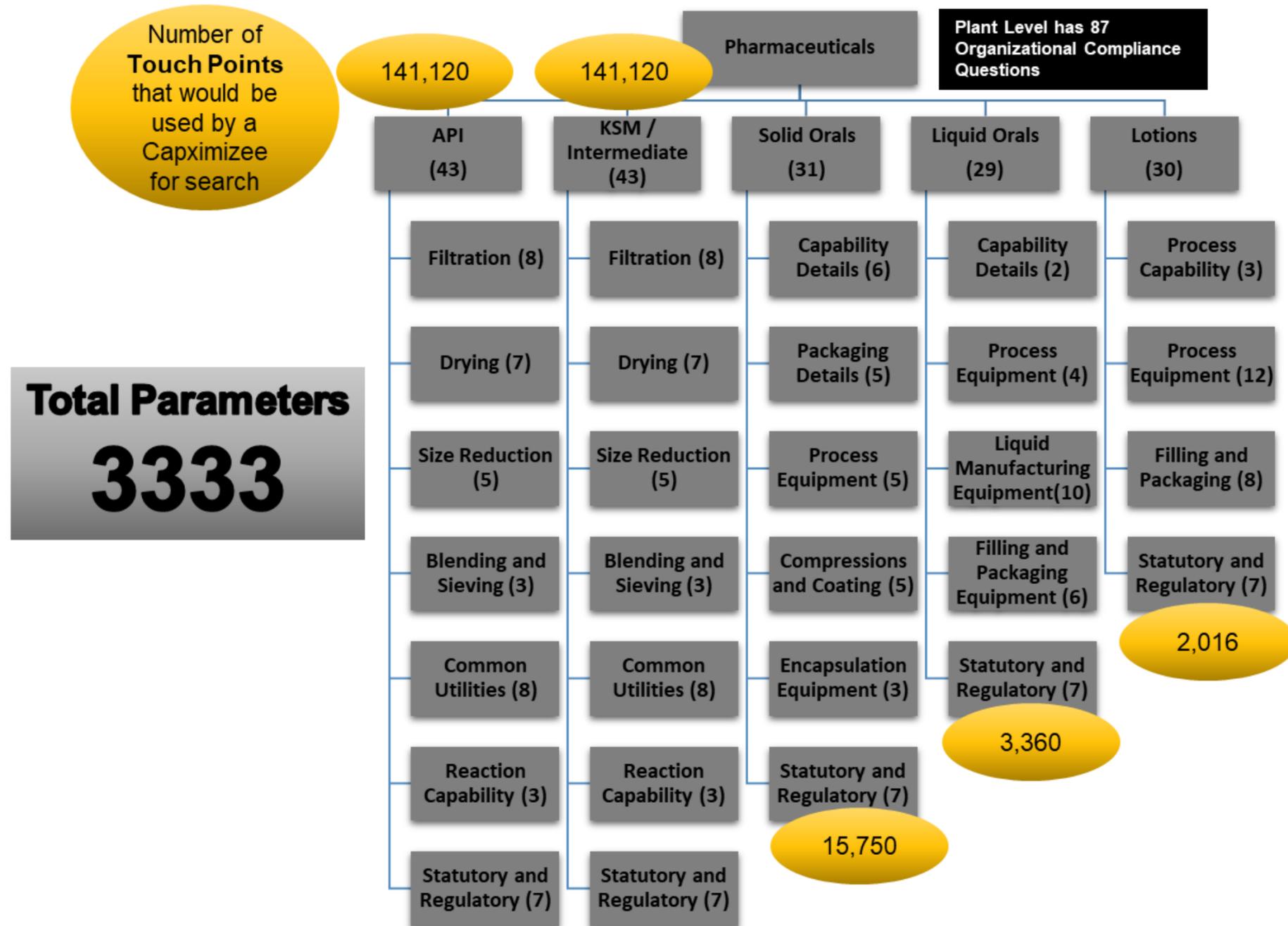
Selected examples of cross Industry use potential of Equipment

		Agriculture	Automobile & Auto Components	Biotechnology	Chemicals	Consumer Durables	Defense Manufacturing	Electronics	FMCG	Computer/Hardware/Instrumentation	Healthcare & Medical Devices	Infrastructure	Pharma	Toys	Textile
Pharma	Reactor	●		●	●				●				●		
	Filtration Equipment	●		●	●				●				●		
Chemicals	Drying Equipment	●		●	●	●		●	●			●	●	●	●
	Milling equipment			●	●			●				●	●	●	●
Auto-Components	Chemical/Surface Treatment	●	●		●		●			●		●	●		
	Machining	●	●	●		●	●			●		●			
	Casting	●	●	●	●	●	●	●		●	●	●	●	●	●
Electrical/Electronics	PCB Assembly	●	●			●	●	●		●	●	●		●	
	Plastic Molding	●	●			●	●	●		●	●	●		●	

Frameworks used to build the Information Architecture and Proprietary Algorithm



Our Exhaustive Information Architecture



Auto Components

- 611 parameters for 156 processes have been designed
- 827 parameters for 527 Components have been designed
- 21 Plant Specific compliance questions

Specialty Chemicals

- 180 – parameters of capability have been designed for 17 product uses
- 29 Plant specific compliance questions

Textiles

- 649 – parameters of capability have been designed for 5 product types
- 19 plant specific compliance questions

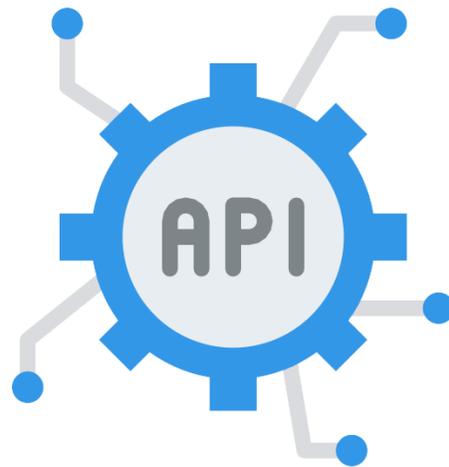
Electrical and Electronics

- 705 – parameters of capability have been designed for 5 product types
- 29 Plant Specific compliance questions

Pharmaceuticals

- 176 – parameters of capability have been designed for 5 product types
- 87 Plant specific compliance questions

API Library built around our Information Architecture

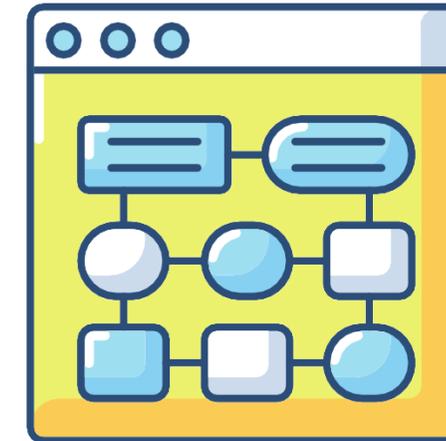


Library of API

[This Library of APIs are capable of handling all **3333 Parameters** incorporated in the Information Architecture]



[These parameters include information of Multiple Machines & Processes in the form of **Capacity & Capability**]



Exhaustive Information Architecture



Ease of Seamless Integration



Flexibility Across Multiple databases / IoT Devices



Ability to Adapt new features



Better Analytics and Reporting with unified API framework.

AI's Support to the Proprietary Algorithm



Search

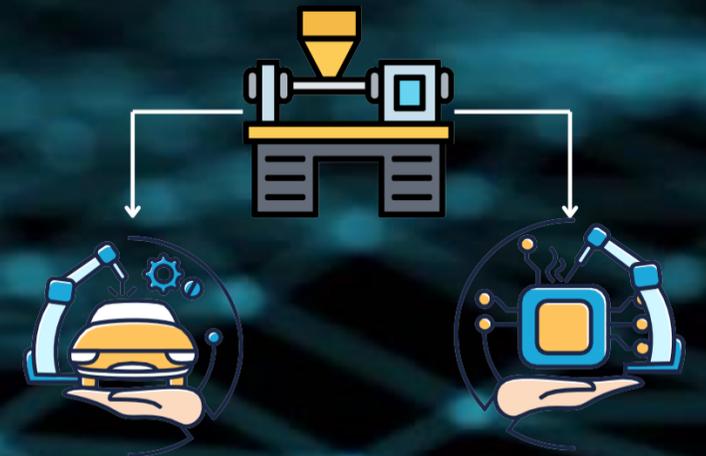
NLP-BASED



**ADVANCED SEARCH
CAPABILITIES USING
NLP**

**COMPLETE VALUE CHAIN
RECOMMENDATIONS**

**CROSS-SECTOR
CAPACITY
UTILIZATION**



Capximize as a Digital Salesforce

The Capacity Provider

Auto Components
Manufacturer
UID 01356ABC123

Capximize offers instant business
opportunities

Capacity Seekers



UID 01712BAC323
Looking for 2000 Hours of
Machining Capacity



UID 01812XYZ987
Looking for 1000 Hours of
Machining Capacity



UID 019712PQR321
Looking for 1500 Hours of
Machining Capacity



Capximize as a Digital Salesforce

Capacity Providers



The Capacity Seeker



Seeker registered under
Autocomponents
UID 01356ABC123

Capximize offers instant business opportunities



UID 01772CAB989
Offering 2000 Hours of
Machining Capacity



UID 01555NBM844
Offering 1000 Hours of
Machining Capacity



UID 01777ZXC776
Offering 1500 Hours of
Machining Capacity

Carbon Emission Reduction



Estimated daily carbon emission in India by **Road Transport** is

≈ 60 Million tons of CO₂*



Estimated daily carbon emission by a standard **125 tonner ship** is

≈ 3,90,000 kgs of CO₂

“Make where your Market” - will entail reduction in carbon emission and logistic cost.

*Emission factor = 0.297 kg/short ton mile for a Road Vehicle - HGV - Rigid - Engine Size >17 tonnes

17

**Source: <https://ghgprotocol.org/calculation-tools>

Capximize's long-term MOU with SIDBI



In collaboration with SIDBI, the exchange can offer financial support to MSMEs through integrated FinTech solutions, enabling liquidity and financial flexibility to meet production needs.

Proof of Concept - Onboarded Corporates



Sector	Capximizer	Capximizee	Total / Sector
Auto Components	1783	686	2469
Pharmaceuticals	305	235	540
Electrical & Electronics	578	500	1078
Textile	1270	585	1855
Specialty Chemicals	221	111	332
Total Users	4157	2117	6274

Electronics & Electricals : Aggregate Surplus Capacity of few Key Members



Sector And State	Capacity Available (In Millions)	No. Of Mfg. Facilities
Pcb Assembly (Components/Month)	746	26
Uttar Pradesh	415	2
Maharashtra	210	13
Gujarat	17	3
Others	4	7
Printed Circuit Board (Sqr Feet /Month)	28	15
Maharashtra	27	7
Others	0.4	7
Capacitors (Nos/Month)	116	12
Uttar Pradesh	105	2
Maharashtra	10	10
Resistors (Nos/Month)	110	7
Maharashtra	10	4

Sector And State	Capacity Available (In Millions)	No. Of Mfg. Facilities
Transformers (Nos/Month)	11	9
Maharashtra	10	6
Uttar Pradesh	1	2
Inductors (Nos/Month)	11	5
Maharashtra	10	4
Connectors And Cables (Meters/Month)	147	27
Maharashtra	22	10
Gujarat	21	7
Delhi	1	4
Others	3	5
Encasing (Nos/Month)	5	32
Gujarat	4	5
Maharashtra	1	17

Note: The above aggregated capacity is only of 35 marquee members out of 500+ members with annual turnover ranging from 250-500 Cr

Auto Components: Aggregate Surplus Capacity of few Key Members



Sector And State	Capacity Available	No. Of Partners
Casting (Tons/Month)	2,300	3
Maharashtra	2,050	2
Chemical/Surface Treatment (Sqr Mtrs/Month)	40,450	3
Maharashtra	40,300	2
Forging (Tons/Month)	870	3
Maharashtra	600	1
Telangana	250	1
Haryana	20	1
Heat Treatment (Tons/Month)	2,020	3
Maharashtra	2,000	2

Sector And State	Capacity Available	No. Of Partners
Machining (Hours/Month)	11,520,238	12
Maharashtra	10,518,668	7
Telangana	1,000,150	2
Metal Joining – Continuous (Mtrs/Month)	76,920	3
Maharashtra	76,920	3
Metal Joining – Intermittent (Nos/Month)	4,490	3
Maharashtra	4,490	3
Plastics (Tons/Month)	3,151	4
Maharashtra	3,151	4
Press Work/Press Tool (Tons/Month)	2,420	6
Maharashtra	2,270	5

Note: The above aggregated capacity is only of 60 marquee members out of total 1700+ members with annual turnover ranging from 250-500 Cr

Textile: Aggregate Surplus Capacity of few Key Members



Sector And State	Capacity Available (In Millions)	No. Of Mfg. Facilities
Spinning (Kg/Annum)	2,103	36
Uttar Pradesh	1,441	2
Gujarat	101	10
Others	30.3	23
Fibre (Kg/Annum)	353	18
Maharashtra	339	10
Gujarat	12	5
Weaving (Meters/Annum)	3,383	79
Tamil Nadu	2,608	11
Maharashtra	348	30
Rajasthan	239	5
Gujarat	172	26
Others	15	7
Knitting (Kg/Annum)	313	25
Gujarat	142	6
Delhi	105	4
Tamil Nadu	53	7
Others	12	8

Sector And State	Capacity Available (In Millions)	No. Of Mfg. Facilities
Processing (Knitted) (Kg/Annum)	368	41
Maharashtra	193	15
Gujarat	130	13
Tamil Nadu	32	5
Others	10	6
Processing (Woven) (Meter/Annum)	123	22
Gujarat	72	5
Maharashtra	19	10
Tamil Nadu	13	3
Others	19	4
Garments (Nos/Annum)	356	106
Gujarat	118	20
Tamil Nadu	101	12
Maharashtra	62	48
Others	75	26

Note: The above aggregated capacity is only of 40 key member out of total 900+ members with annual turnover ranging from 250-500 Cr

Massive Market Potential



- MSMEs registered with GoI by Activity
 - 12.5 million - Manufacturing MSMEs
 - 21.3 million - Service sector MSMEs
 - 27.1 million - Trading MSMEs
- 77 Identified Chambers of Commerce.
- 331 large Identified Domestic Manufacturing Associations in the 5 selected sectors.
- 63 Identified manufacturing clusters with total units ranging from 100 to 10,000 in the 5 selected sectors across 28 states & 8 union territories.

TAM

\$164 Billion

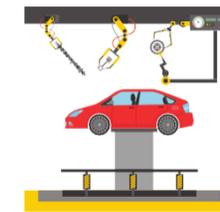
@26% unutilized capacity

SAM

\$73.8 Billion

in the 5 selected sectors

Existing Export Value in 5 Sectors



Auto Components
US \$ 21.2 Billions



Electronics
US \$ 29.11 Billions



Pharmaceuticals
US\$ 25.4 Billions



Chemicals
US \$ 23.8 Billions



Textiles
US \$ 28.72 Billions

Production value of Globally underutilized Manufacturing Capacities (in US\$ Bn.)



THE USA
\$680



THE UK
\$78



GERMANY
\$171



INDIA
\$161



JAPAN
\$176



FRANCE
\$73



CHINA
\$1310



CANADA
\$65



S. KOREA
\$106



ITALY
\$82

Global TAM
≈ \$2.9 Trillion

Global Contract Mfg.
≈ \$350 Billion
Just 12% of the TAM

(**Source: tradingeconomics.com, assemblymag.com)

Founding Team



Siddharth Mehra

Co-Founder

MS – Lancaster University, UK | MBA in Entrepreneurship – Babson College, USA
| Founder of Vivid Renewables Pvt. Ltd.

- Impressive track record of achievements in renewables industry in India.
- Awarded '**Top most Innovation leader (global)**', by World Sustainability (2022), Winner of "**Business World 40 under 40**"
- Demonstrated abilities include – vision and strategy setting, business planning, stakeholder management, P&L Management.



Avinash Bapat

Co-Founder

40+ years of Industry experience | Chartered Accountant | Law Graduate |
Concept creator of Capximize

- Strategic experience in **Leadership & Financial Management** experience in **Core manufacturing**
- **Led corporate finance and large transactions** for manufacturing corporates in **multiple sectors.**
- **Member of several committees** on project finance, infrastructure finance, & energy infrastructure of CII, IMC among others

Capximize - Awards & Recognitions



Recognized by DPIIT



“Most Innovative Startup of the Year 2023”
awarded by BIA



“Best Innovative Company of the Year 2023”
awarded by MSMECCII

“Making Manufacturing Capacity Digitally tradable”

“Futurestic Technology to Optimize today”

“The Art of enhancing ROI through pooling manufacturing resources”



Thank You!

www.capximize.com

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