



# exemed pharmaceuticals

*Committed to offering a better environment, safety, and human health by manufacturing good quality and cost-effective medicines*

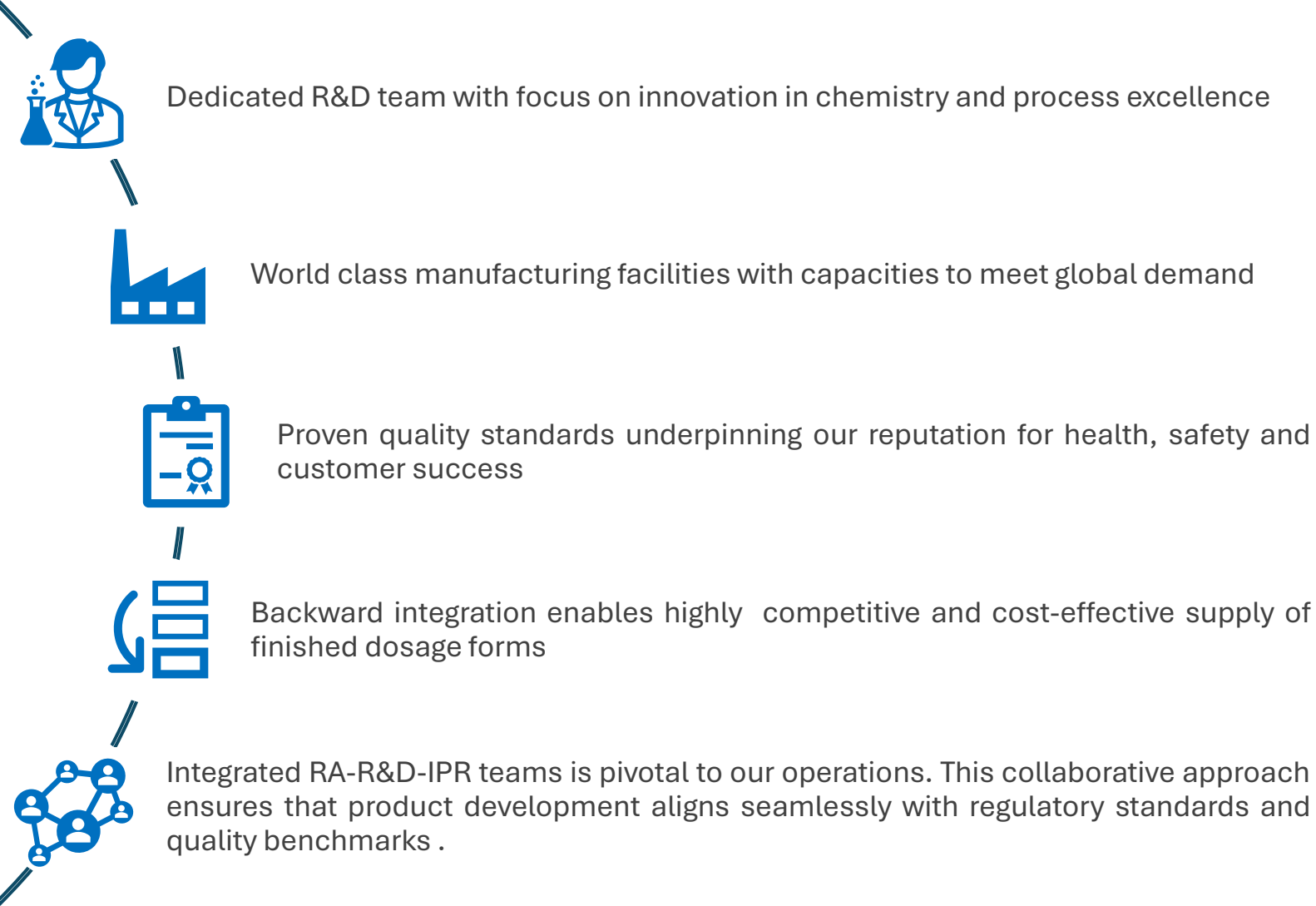


**Intermediates**

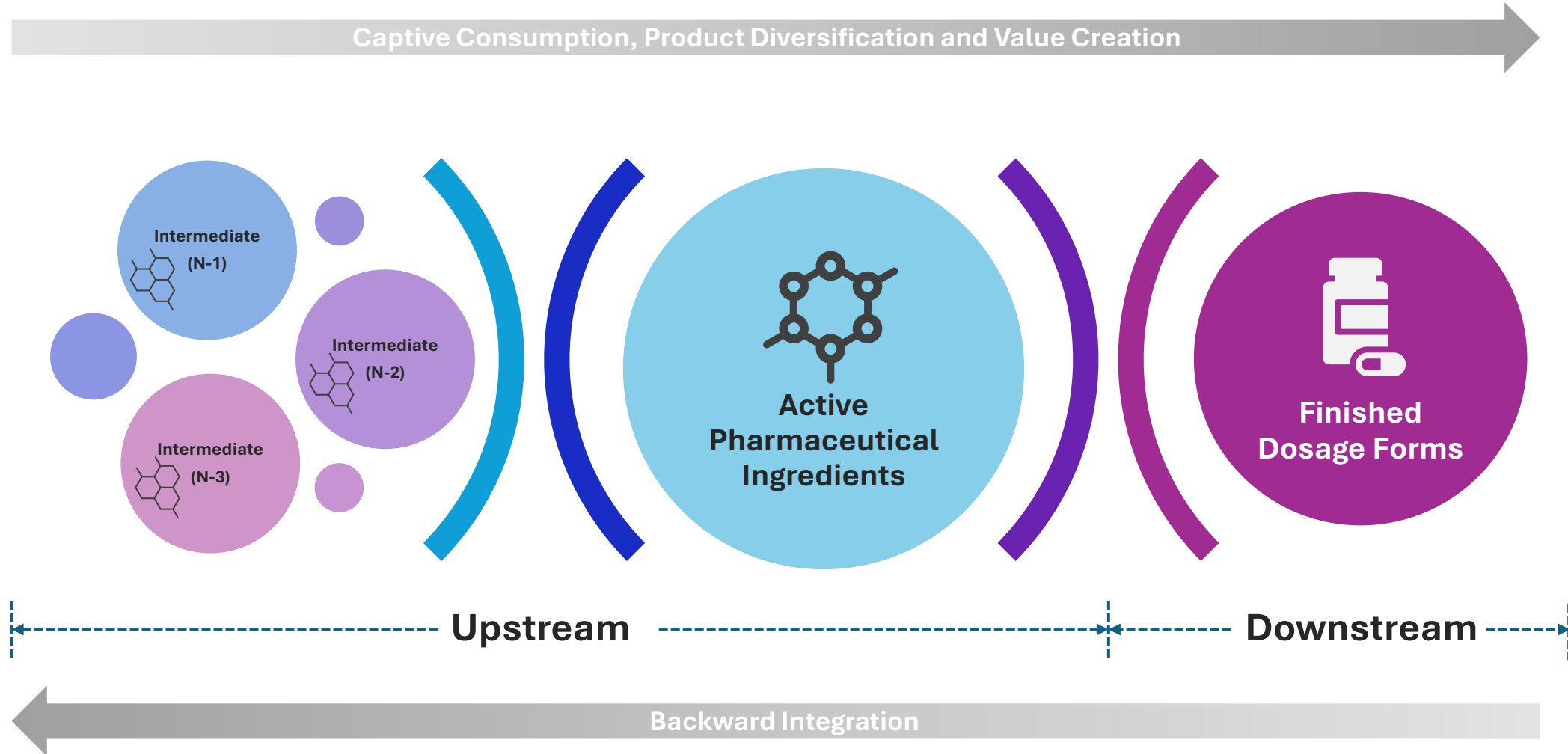
**Active Pharmaceutical Ingredients**

**Finished Dosage Forms**

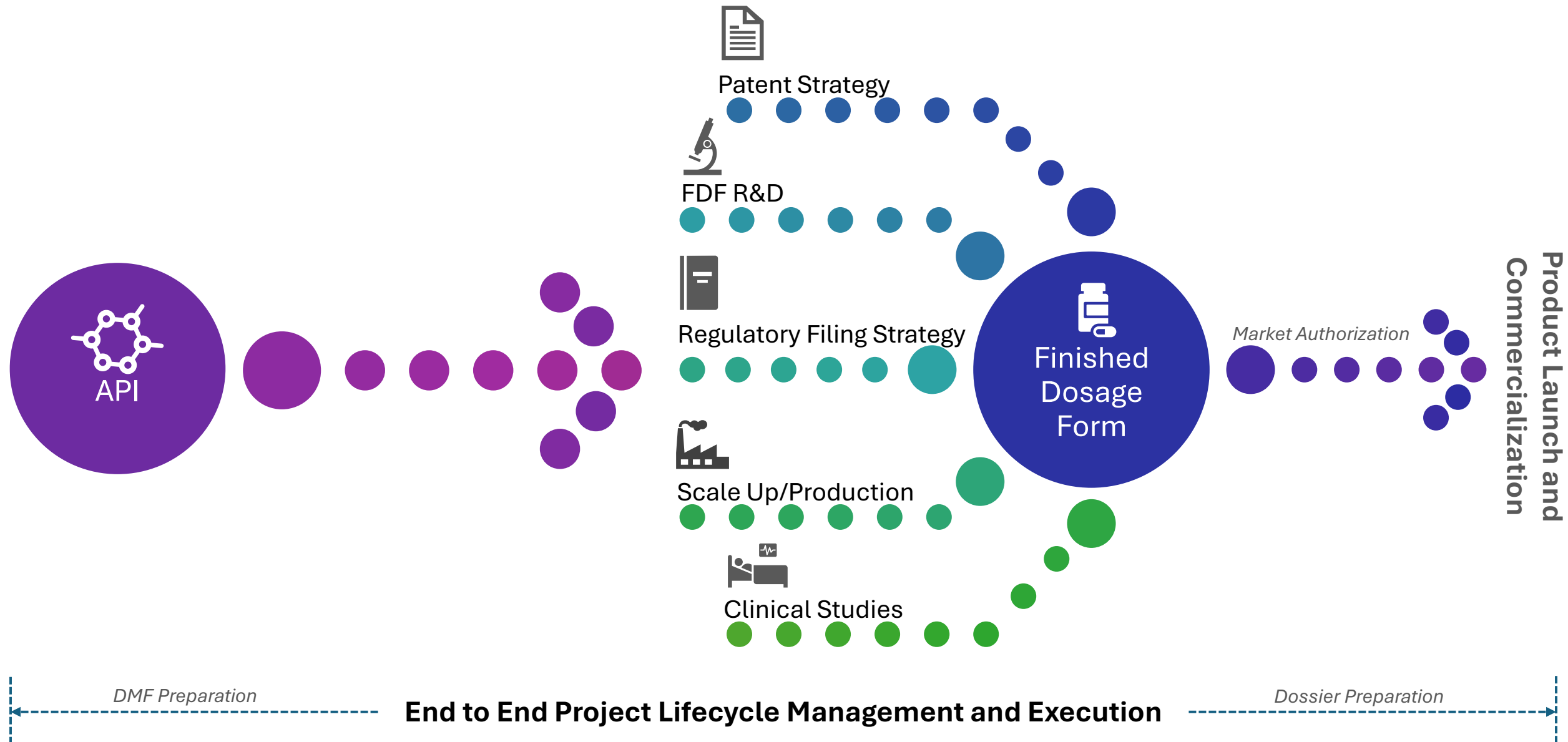
# Our Core Strengths



# Our Value Stream



# Downstream Business - Formulations



# Formulations R&D capability



## **F&D:** Formulation development facility for OSD

- 2 compression machines (one bilayer)
- 2 granulation areas
- 1 coating machine
- 1 capsule filling machine

## **Analytical Development Laboratory:**

- HPLC: 19 HPLC systems (6 Waters, 5 Shimadzu, 8 Agilent) with 7 PDA and 12 UV detectors
- 1 UV spectrophotometer (Shimadzu)
- 1 GC (Agilent)
- 4 Dissolution apparatus ( 2 Auto sampler with 14 bowl capacity and 2 manual with 8 bowl capacity)

## **Team size of F&D/ADL:**

F&D:10, ADL: 20, DQA: 4

## **Capacity of Pilot area:**

Pilot scale batches of up to 10-20 kg batch size



# Exemed Formulations Plant

## **Location:**

Vapi, Gujarat

## **General OSD:**

Annual tablet capacity: 4000 million/Annum

Annual Capsule capacity: 240 million/Annum

## **For Oncology:**

Annual tablet capacity: 100 million/Annum







Annual Capsule capacity: 50 million/Annum

Annual Liquid Injection capacity: 5 million vials/Annum

Annual Lyophilised Injection capacity: 2.5 million vials/Annum



# Major Equipment at Site (General OSD)

Area	Equipment	Capacity	Make
Granulation-1	RMG	800 Lit	
	FBD (2 Nos.)	300 kg	
Granulation-2	RMG	600 Lit	
	FBD	200 kg	
Granulation-3	RMG	75 Lit	
	FBD	30 kg	
Granulation-4	RMG	1250 Lit	
	FBD	500 kg	
Blending	Blending-1	2500 Lit	
	Blending-2	300 / 600 / 1200 Lit	
	Blending – 3	3000 liter	
Compression	Compression-1	35 Station – B tooling	
	Compression-2, 4, 5, 6 and 7	45 Station – D tooling	
	Compression - 8	49 Station – D tooling	
	Compression-3	75 Station – BB tooling	
Coating	Coating-1	48 Inch	
	Coating-2 and 4	60 Inch	
	Coating-3	30 Inch	
Packing	Blister (2 Nos.)	100 SPM	
	Alu. Alu. (7 Nos.)	40 SPM	
	Bottle Pack line	120 BPM	
	Strip (1 Nos.)	60 SPM	
Quality control	HPLC - 15 Nos.	NA	
	HPLC - 1 Nos with PDA and RI detector	NA	
	GC with Head space analyzer - 2 Nos	NA	

We do more for productivity

Elmac Technologies












MISTRY

SE Sertisite Engineers

Agilent

ThermoFisher SCIENTIFIC

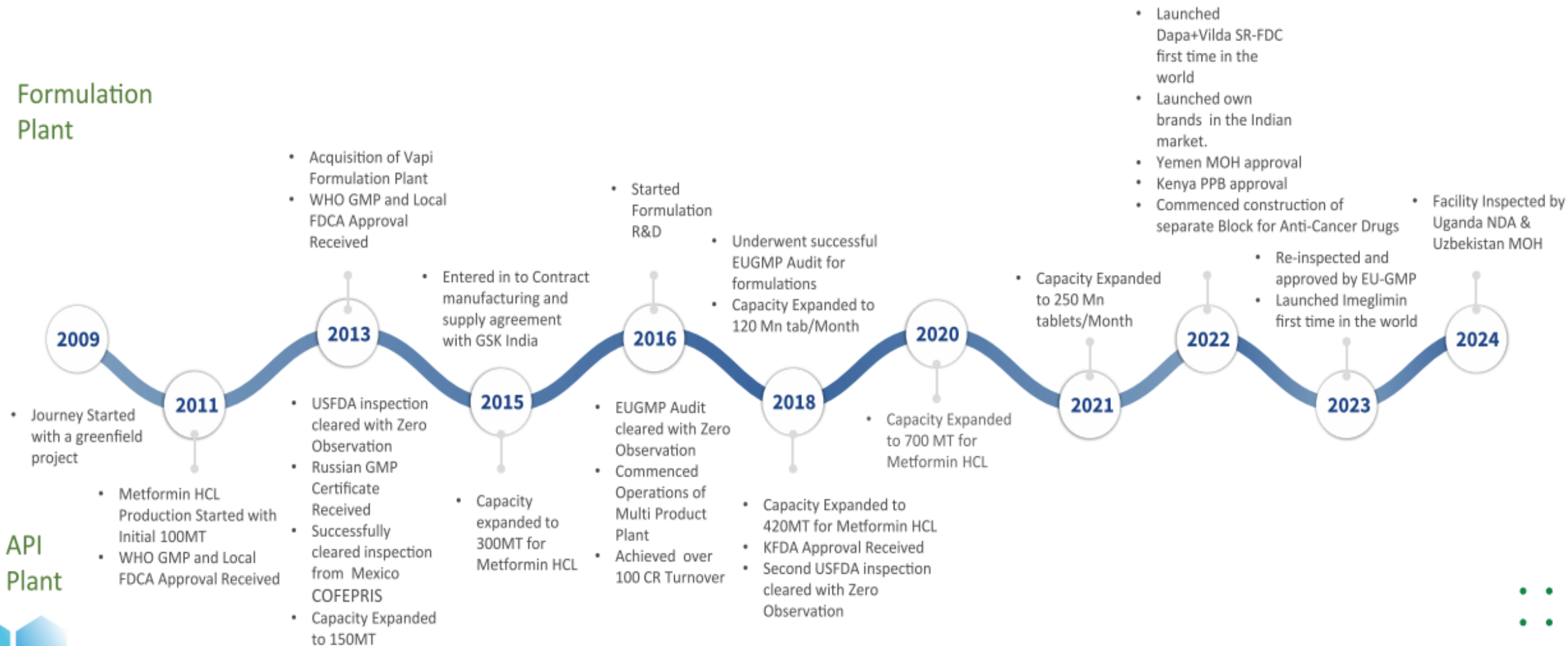
# Major Equipment at Site (Oncology)

Area	Equipment	Capacity	Make	Controls
OSD				
Granulation-1	RMG	100 Lit and 50 Lit		Under Close Transfer
	FBD	30 kg and 15 kg		
Blending	Blending	100 Lit and 50 Lit		Under Close Transfer
Compression	Compression machine	27 Station		Inside Isolator
Capsule	Capsule filling, polishing and sorting machine	15K capsules/hour		Inside Isolator
Coating	Coating	24 and 18 Inch		Inside Isolator
Packing	Blister pack machine	90 SPM		Inside Isolator
Quality control	HPLC - 2 Nos with PDA and RI detector	NA		NA
	GC	NA		NA
Injectable				
Filling line	Filling line with wahing, tunnel, Stoppering, capping and external washing	100 vials/min		Inside Isolator
Compounding	Compound Vessels	50 Lit and 200 Liter		Inside Isolator
Freeze drying	Lyophilizer	7.5 M2		Inside Isolator
Sterilization	Autoclave	320 Lit		NA
	Steam Sterilizer	1620 Lit		NA



# SINCE INCEPTION IN 2009, EXEMED HAS ADDED SIGNIFICANT MILESTONES

## Formulation Plant



## API Plant



# Our significant contribution comes from Export Business

Over the years we have strategically invested a lot of resources towards development of innovative formulations by hiring highly skilled professionals in our R&D as well regulatory functions. This has helped us develop 58 dossiers for various products. And 152 dossiers are under development. Which includes 51 Brands of Exemed in 14 countries.

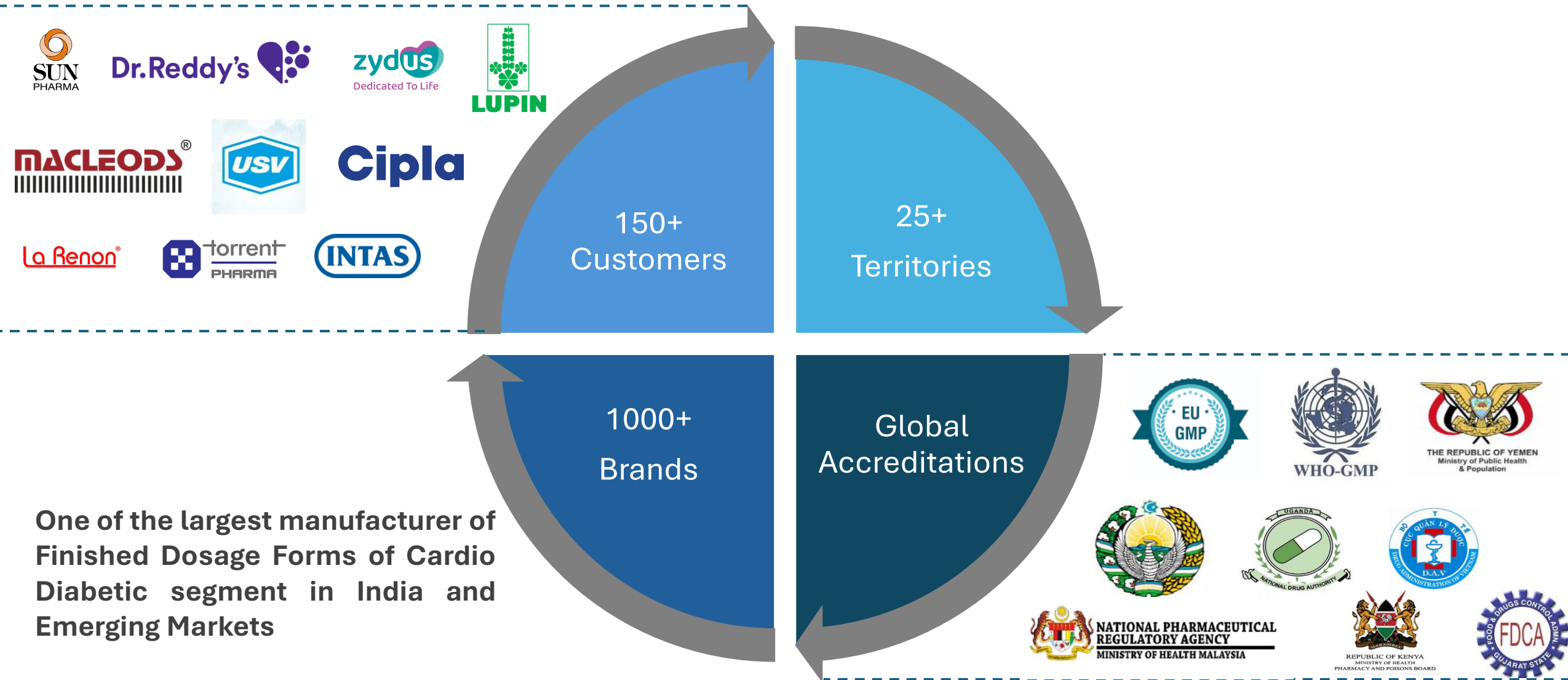
**Exemed has successfully completed EUGMP inspection for accreditation renewal in 2023 and submitted dossiers in the UK and EU markets.**

Taking advantage of the **EUGMP Certification** of our site which gives us an access to more than 40 PICS (Pharmaceutical Inspection Co-operation Scheme) countries. And with our strong regulatory team we have filed 58 dossiers in 25+ countries.

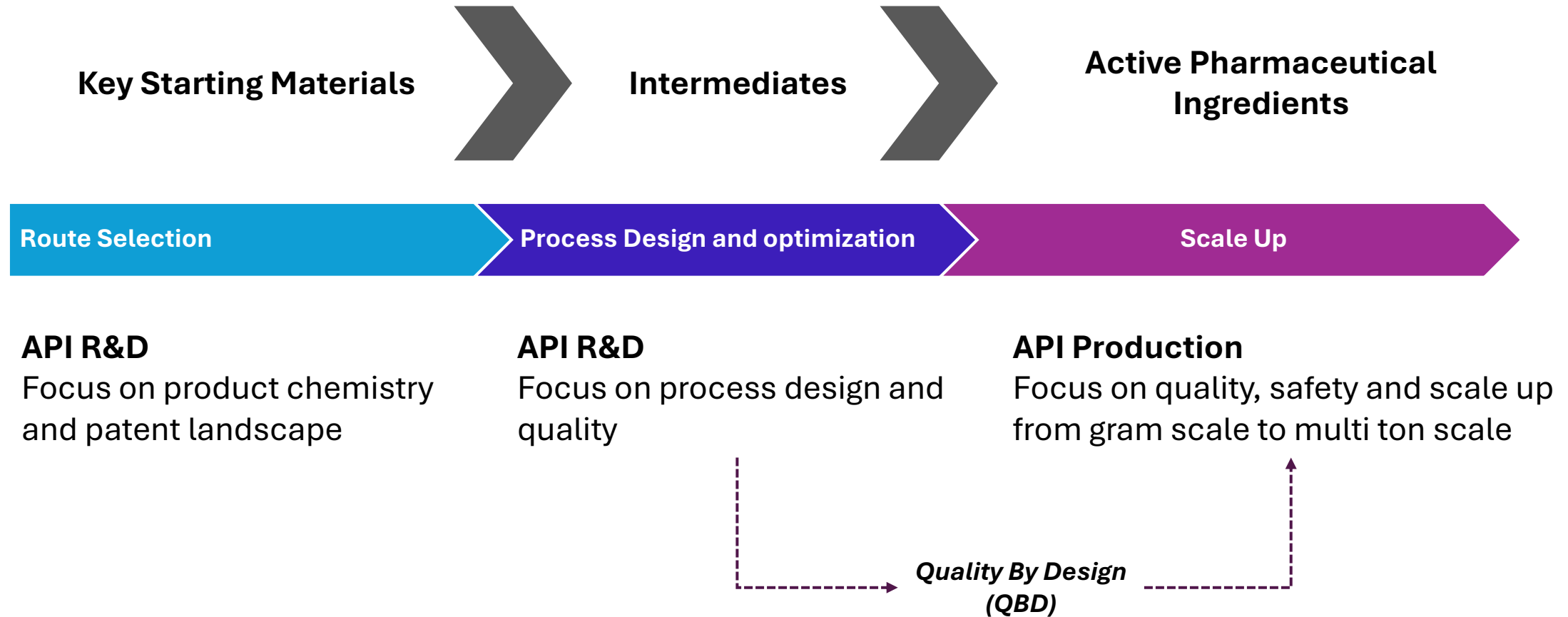
Through our continuous efforts we have tied-up with 22 partners in 25+ countries giving us tremendous exposure in the fast growing healthcare markets globally.



# Formulations Customer Success



# Upstream Business – Active Pharmaceutical Ingredients



# Exemed API Plant

Location:












Vadodara, Gujarat

Plant Capacity	Product Name	Capacity	No of reactor		No of packing Line
			SS	Glass	
Block-1	Metformin Hydrochloride	600 MT/Month	0	15	1
Block-2	Allopurinol	10 MT/Month	12	10	2
	Dextromethorphan HBr	1.5 MT/Month			
	Levetiracetam	2.5 MT/ Month			
	Sertraline HCl	8.0 MT/Month			
	ibilastine	2.7 MT/Month			
	Celecoxib	15 MT/Month			
	vildagliptin	1.5 MT/Month			
	imiglimine HCl	1.6 MT/Month			
	sacubitril valsartan	1.0 MT/Month			
	Labetalol HCl	1.7 MT/Month			
	API Intermediates	20 MT/Month			
Block-3	Hydrogenation Plant		3	0	0
Block-4	Solvent Recovery Plant (SRP)	Dedicated for Metformin HCl	4	1	0

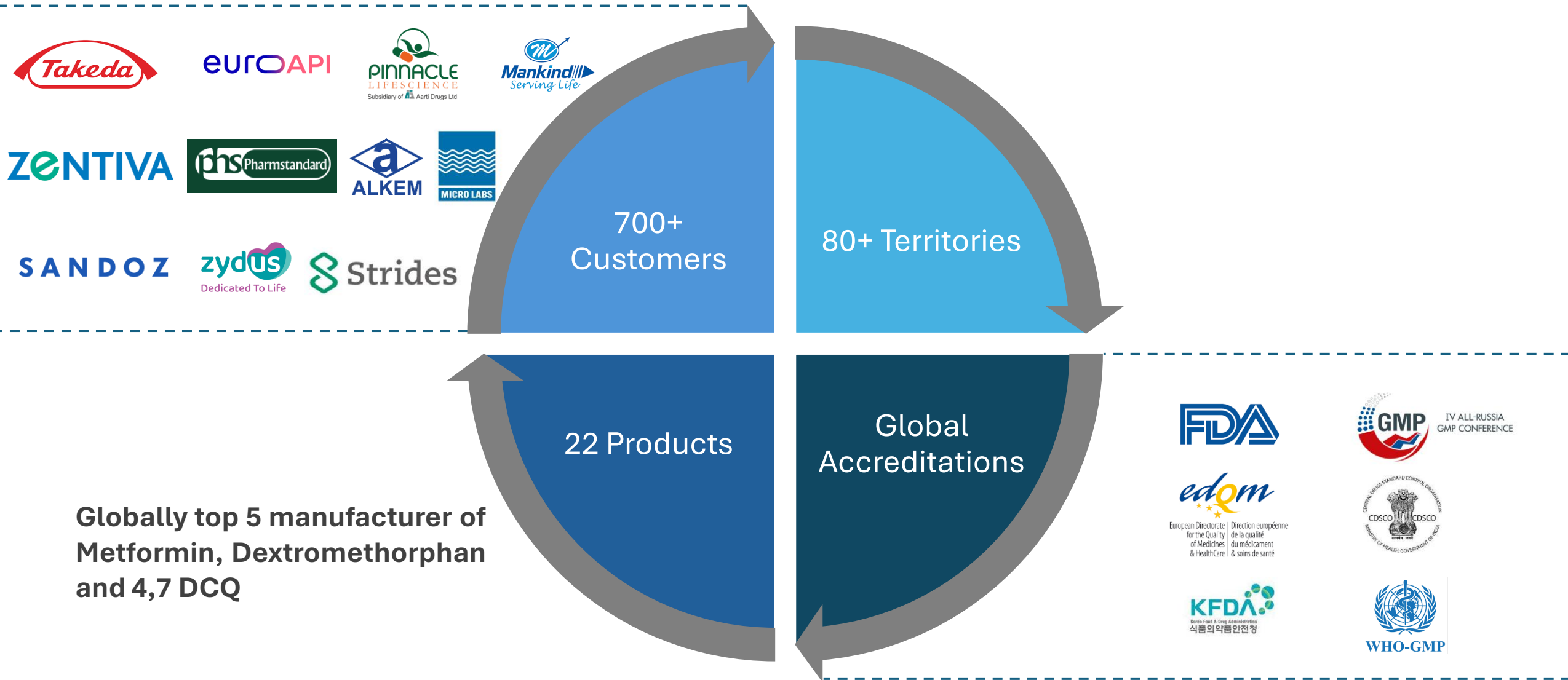
Total Land Area	: 34,062.2 m <sup>2</sup>
Manufacturing (Block-I)	: 1,589.0 m <sup>2</sup>
Warehouse (Block-I)	: 387.0 m <sup>2</sup>
FG Warehouse (Block-I)	: 323.0 m <sup>2</sup>
Manufacturing (Block-II)	: 388.0 m <sup>2</sup>
Warehouse (Block-II)	: 229.2 m <sup>2</sup>
Manufacturing (Block-III)	: 104.6 m <sup>2</sup>
Central FG Warehouse	: 817.2 m <sup>2</sup>
Open Land For Expansion	: 25,510.8 m <sup>2</sup>



# Major equipment for Quality Control

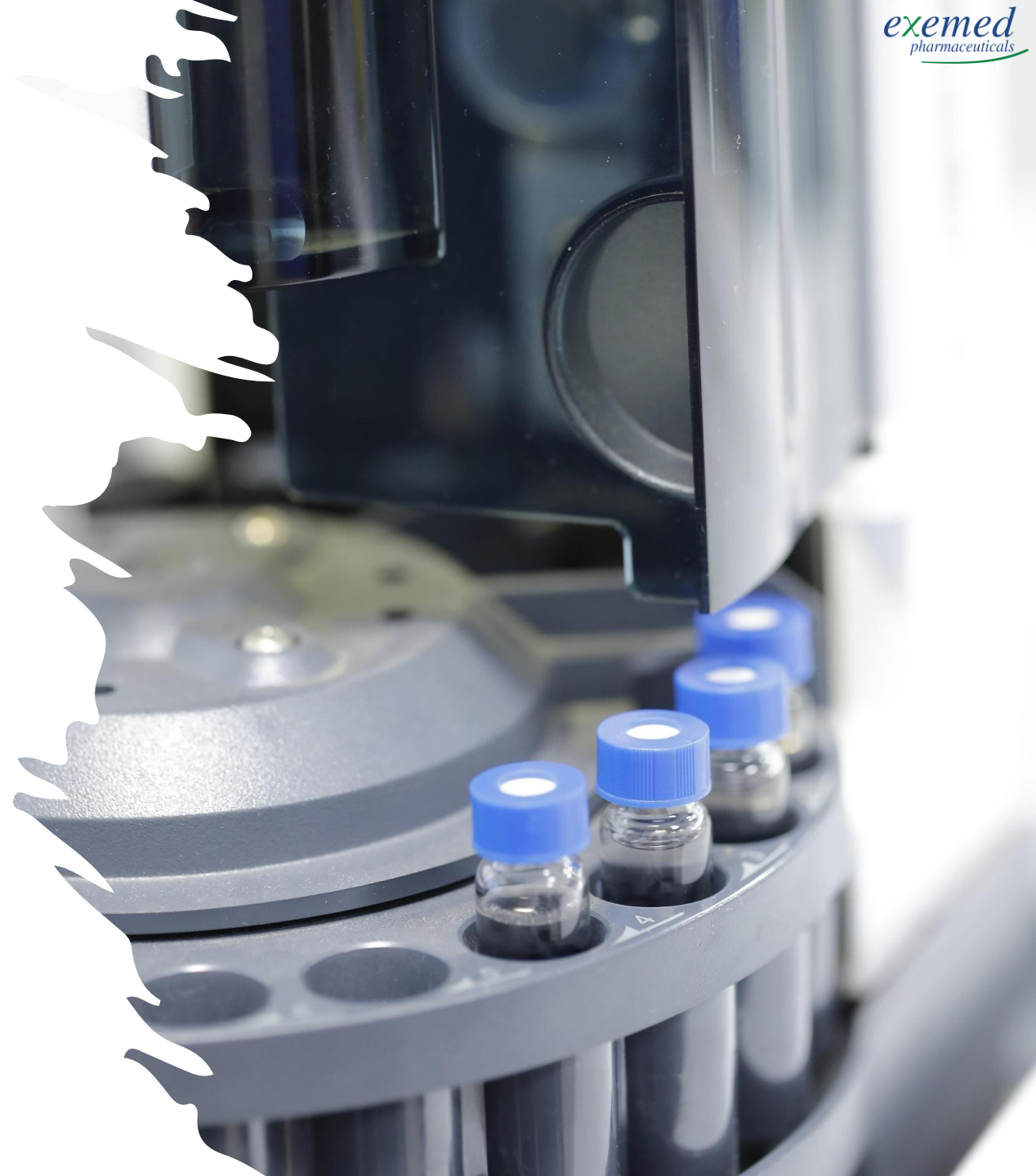
 <b>DIONEX</b>	HPLC units with UV Visible and PDA Detector
  <b>Agilent</b>	Gas Chromatography with liquid and headspace analyzer
  <b>Agilent</b>	Liquid chromatography Mass Spectrometer
 <b>Malvern</b>	Malvern Master Sizer 3000
 <b>Metrohm</b>	Auto Titrators
 <b>SHIMADZU</b> Excellence in Science	FTIR
 <b>SHIMADZU</b> Excellence in Science	UV-Visible spectrophotometer
 <b>SHIMADZU</b> Excellence in Science	Total organic carbon analyzer
 <b>sartorius</b>	Analytical Balance

# API Customer Success



# Promise of Quality

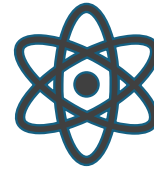
Our commitment to quality and safety has enabled us to develop a patient centric approach with a drive for accessible and affordable healthcare. Our accreditations are a testament of our practices and long-standing reliability



# Our Leadership



***Mr Pranav Patel***  
***Founder & CEO***



## Entrepreneurial Journey

Founded Exemed Pharmaceuticals in 2009, focusing on high-quality Active Pharmaceutical Ingredients (APIs)

Established a state-of-the-art Metformin API manufacturing facility to serve regulated markets like the US and Europe

In 2013, acquired UCB India's formulation and API manufacturing site, achieving EU GMP certification by 2018



## Leadership & Impact

Blends financial acumen with technical expertise to drive innovation and quality in pharmaceutical manufacturing

Under his leadership, Exemed has become a trusted supplier in the global pharmaceutical industry

Active member of the Managing Committee of the Federation of Gujarat Industries



# Thank You