





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















## Our Core Strengths



Dedicated R&D team with focus on innovation in chemistry and process excellence



World class manufacturing facilities with capacities to meet global demand



Proven quality standards underpinning our reputation for health, safety and customer success



Backward integration enables highly competitive and cost-effective supply of finished dosage forms



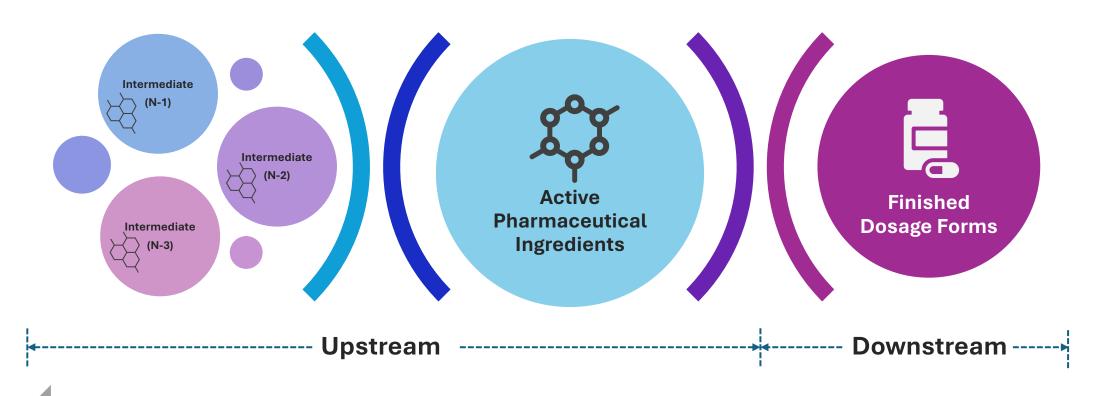
Integrated RA-R&D-IPR teams is pivotal to our operations. This collaborative approach ensures that product development aligns seamlessly with regulatory standards and quality benchmarks .





### Our Value Stream

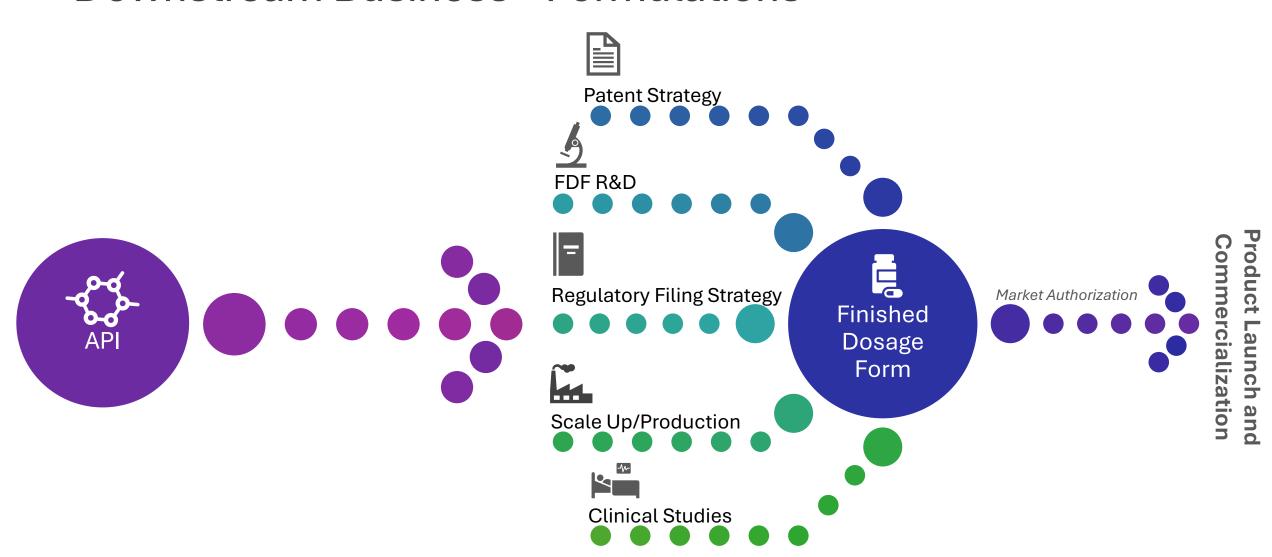
**Captive Consumption, Product Diversification and Value Creation** 



**Backward Integration** 



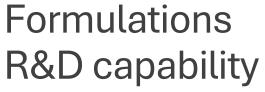
### **Downstream Business - Formulations**



DMF Preparation

**Dossier Preparation** 







**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
- 1UV 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	SSPM		
	FBD (2 Nos.)	300 kg	OSF III)		
Granulation-2	RMG	600 Lit	Kevin		
	FBD	200 kg	Nevin		
Granulation-3	RMG	75 Lit	Serel -		
Granulation 5	FBD	30 kg	See Rever No. Sees Fri (2)		
Granulation-4	RMG	1250 Lit	Serel -		
Granulation +	FBD	500 kg	See Rever No. Sees Fri (2)		
	Blending-1	2500 Lit	- (SSPM)		
Blending	Blending-2	300 / 600 / 1200 Lit	OOT III)		
***************************************	Blending – 3	3000 liter	Secret -		
	Compression-1	35 Station – B tooling	Spel Printer McChine Princip		
Compression	Compression-2, 4, 5, 6 and 7	45 Station – D tooling	(cadmach®)		
Compression	Compression - 8	49 Station – D tooling	Cadinacii		
	Compression-3	75 Station – BB tooling	We <b>do more</b> for productivity		
	Coating-1	48 Inch	<b>Territories</b>		
Coating	Coating-2 and 4	60 Inch	Gansons		
	Coating-3	30 Inch	Secretary at the secret		
	Blister (2 Nos.)	100 SPM	Packaging Solutions		
Packing	Alu. Alu. (7 Nos.)	40 SPM	<b>Elmac</b> Elmac Technologies		
	Bottle Pack line	120 BPM	MISTRY		
	Strip (1 Nos.)	60 SPM	Setallite Engineers		
Quality control	HPLC - 15 Nos.	NA	Waters™		
	HPLC - 1 Nos with PDA and RI detector	NA	Agilent		
	GC with Head space analyzer - 2 Nos	NA	Thermo Fisher 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	<u>Kevin</u>	Officer Close Fransier	
Blending	Blending	100 Lit and 50 Lit		Under Close Transfer	
Compression	Compression machine	27 Station	Cadmach®  We do more for productivity	Inside Isolator	
Capsule	Capsule filling, polishing and sorting machin	15K capsules/hour	ANCHOR MARK PRIVATE LIMITED An ISU 9661/2015 Centifud Gaspany	Inside Isolator	
Coating	Coating	24 and 18 Inch	<u>Kevin</u> ®	Inside Isolator	
Packing	Blister pack machine	90 SPM	Elmac Technologies	Inside Isolator	
Quality control	HPLC - 2 Nos with PDA and RI detector	NA	SHIMADZU  Excellence in Science	NA	
	GC	NA	SHIMADZU  Excellence in Science	NA	
Injectable					
Filling line	Filling line with wahing, tunnel, Stoppering, capping and external washing	100 vials/min	Snowbell Machines	Inside Isolator	
Compounding	Compound VessesIs	50 Lit and 200 Liter	SOURRE CITE TECHNOLOGIES 113	Inside Isolator	
Freeze drying	Lyophilizer	7.5 M2	Language Spaces, Sa.	Inside Isolator	
Sterilization	Autoclave	320 Lit	MACHIN°	NA	
	Steam Sterilizer	1620 Lit	Machinfabrik Industries Pvt. Ltd. Innovative Solutions for Healthcare	NA	

### SINCE INCEPTION IN 2009, EXEMED HAS ADDED SIGNIFICANT MILESTONES





2009

· Journey Started

project

with a greenfield

2011

Production Started with

Metformin HCL

Initial 100MT

· WHO GMP and Local

 WHO GMP and Local FDCA Approval Received

Acquisition of Vapi

Formulation Plant

- · Entered in to Contract manufacturing and supply agreement
- with GSK India 2015
- · USFDA inspection cleared with Zero Observation

2013

- Russian GMP Certificate Received
- Successfully cleared inspection from Mexico FDCA Approval Received COFEPRIS
  - · Capacity Expanded to 150MT
- Capacity expanded to 300MT for

Metformin HCL

Operations of · Capacity Expanded to Multi Product 420MT for Metformin HCL Plant

Started

R&D

2016

EUGMP Audit

Observation

Commenced

cleared with Zero

100 CR Turnover

Formulation

 KFDA Approval Received · Achieved over

· Underwent successful

Capacity Expanded to

120 Mn tab/Month

2018

EUGMP Audit for

formulations

· Second USFDA inspection cleared with Zero Observation

- Launched Dapa+Vilda SR-FDC first time in the world
- · Launched own brands in the Indian market.
- · Yemen MOH approval
- · Kenya PPB approval

2022

Capacity Expanded

tablets/Month

2021

to 250 Mn

2020

· Capacity Expanded

to 700 MT for

Metformin HCL

- · Commenced construction of separate Block for Anti-Cancer Drugs
  - Re-inspected and approved by EU-GMP
  - · Launched Imeglimin

first time in the world

· Facility Inspected by Uganda NDA & Uzbekistan MOH

2024

2023













## 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 Cooperation Scheme) countries. And with our strong regulatory team we have filed 58 dossiers in 25+ countries.

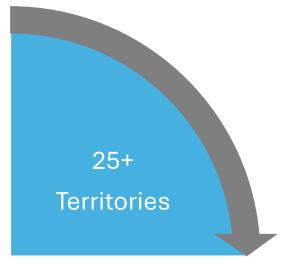
Through our continuous efforts we have tied-up with 22 partners in 25+ countries giving us tremendous exposure in the fast growing healthcare markets globally.





### Formulations Customer Success



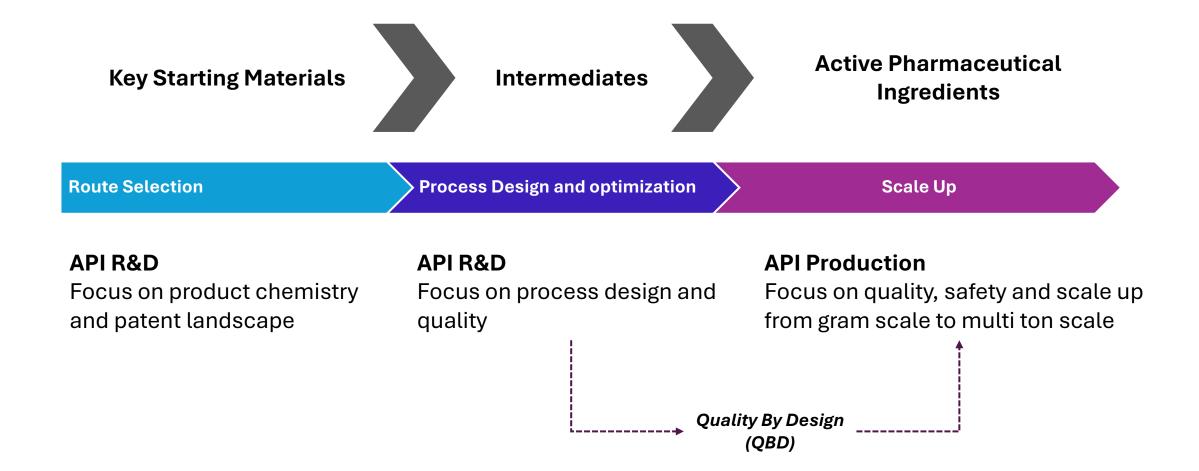








# Upstream Business – Active Pharmaceutical Ingredients



### **Exemed API Plant**

### Location:

Vadodara, Gujarat

Plant Capacity	Product Name	Capacity	No of reactor		No of
rtailt Capacity			SS	Glass	packing Line
Block-1	Metformin Hydrochloride	600 MT/Month	0	15	1
J4470 J340	Allopurinol	10 MT/Month	12 10		
	Dextromethorphan HBr	1.5 MT/Month			2
	Levetiracetam	2.5 MT/ Month		- 1	
	Sertraline HCl	8.0 MT/Month			
	bilastine	2.7 MT/Month			
Block-2	Celecoxib	15 MT/Month		10	
	vildagliptin	1.5 MT/Month			
The state of the s	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	The second second	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> : 25,510.8 m<sup>2</sup> Open Land For Expansion



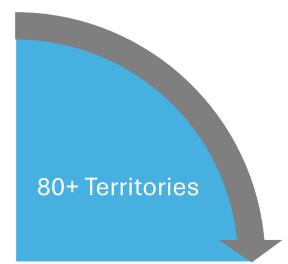
# Major equipment for Quality Control

HPLC units with UV Visible and PDA Detector
Gas Chromatography with liquid and headspace analyzer
Liquid chromatography Mass Spectrometer
Malvern Master Sizer 3000
Auto Titrators
FTIR
UV-Visible spectrophotometer
Total organic carbon analyzer
Analytical Balance



### **API Customer Success**





Globally top 5 manufacturer of Metformin, Dextromethorphan and 4,7 DCQ Global Accreditations

22 Products









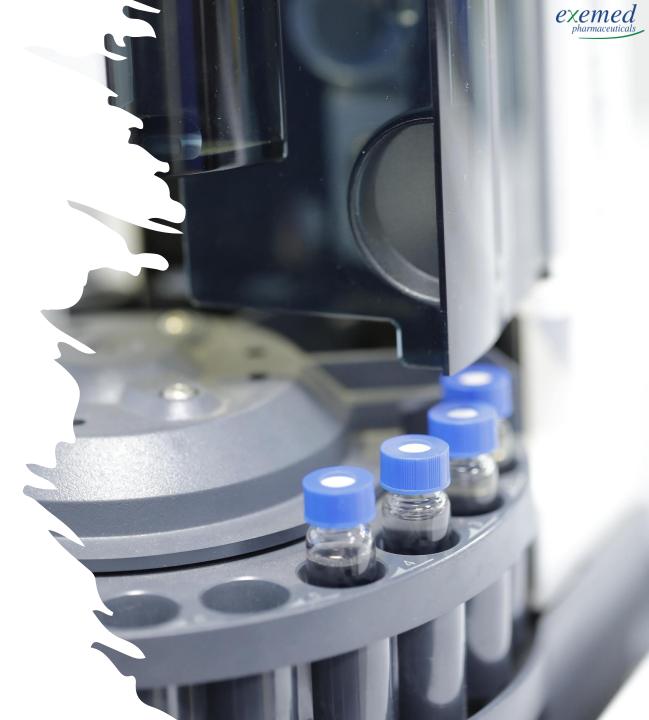




# Promise of Quality

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**



#### **Leadership & Impact**

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

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

