



# We are Granules

Over the past four decades, we have grown from single paracetamol manufacturing facility to a multi-faceted global pharmaceutical company, delivering safe, cost-effective, and high-quality medicines. Strategic partnerships, particularly in the United States, and investments in research and development have helped us expand our product offerings to include finished dosages (FDs) and extend operations across India. Since inception, our actions have aligned with our commitments, embedding responsible practices at every stage from design through delivery.

## 6,525+

Workforce

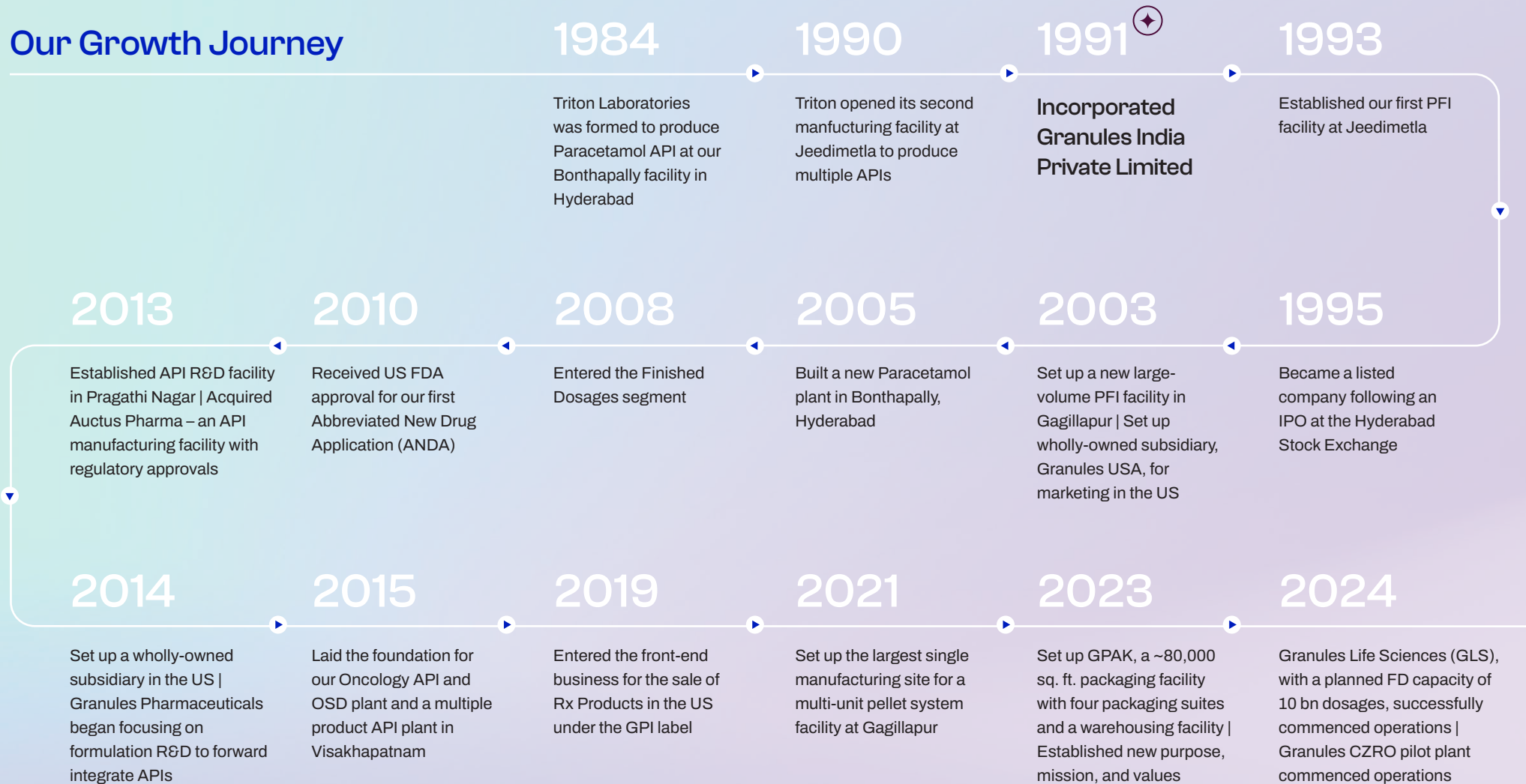
## 10

State-of-the-art  
manufacturing facilities

## 300+

Global customers  
across 80+ countries

## Our Growth Journey





# Our Sustainability Journey

FY 23-24 marked another crucial milestone in our journey of sustainable value creation. Over the years, we have achieved remarkable progress, and now we are harnessing our solid foundations to move closer to our vision.



See [Sustainability Data Summary](#) for full metrics and methodology.



- ▶ Achieved SBTi validation and approval for both near-term and long-term goals. Aligned with the 1.5°C pathway towards net zero by 2050 or sooner
- ▶ Achieved 1 MW on-site rooftop solar installation at Gagillapur Unit
- ▶ Achieved 69% Renewable Energy share through PPA, Rooftop Solar and I-RECs

**2027 TARGETS**

Energy intensity reduction by 20%

Water intensity reduction by 27%

27% reduction in waste to landfill

**2030 TARGETS**

Reduce Scope 1 and Scope 2 absolute emissions by 42%

Reduce Scope 3 absolute emission by 42%

Sourcing 100% renewable electricity

Achieve Zero Waste to Landfill

Touch 1 million+ lives through CSR programs

Achieve gender pay parity

Achieve a 100% increase in women's employment compared to FY 24

**2032 TARGETS**

Achieve Water Positivity

**2050 TARGETS**

Achieve Net Zero emissions

**2024****2027****2030****2032****2050****MID-TERM STRATEGY****Scope 1**

- ▶ **Demand-side Initiatives Area:** Boiler Plant Optimization | Condensate Recovery
- ▶ **Supply-side Initiatives Area:** Switching from Coal to Biomass Boiler

**Scope 2**

- ▶ **Demand-side Initiatives Area:** Chiller Plant Optimization | Pumping Optimization | Air Compressor Optimization
- ▶ **Supply-side Initiatives Area:** Renewable Energy through PPA & Group Captive

**Across Value Chain**

- ▶ Supplier Sustainability Program to work with supplier to decarbonize value chain | Supplier Mix optimization | Green and sustainable sea cargo

**Eco Scale in Product Development**

- ▶ Optimized resource utilization | Incorporating circularity in process development

**LONG TERM STRATEGY****Green Molecule Platform**

- ▶ **24x7 Carbon free energy:** Renewable Energy plus Battery storage
- ▶ Green molecules such as Green Hydrogen, Green ammonia
- ▶ Green chemicals for Pharmaceuticals (KSM/Advanced intermediates starting with raw material for Paracetamol and Metformin)

**Green Chemistry Platform**

- ▶ **Enzymatic bio catalysis**
- ▶ **Flow & continuous manufacturing**
- ▶ **Granules Eco scale**

**Sustainable Formulations**

- ▶ **Solvent and polymer free formulations**
- ▶ **Plant based excipients**
- ▶ **Water efficient manufacturing**
- ▶ **Biodegradable and sustainable packing**



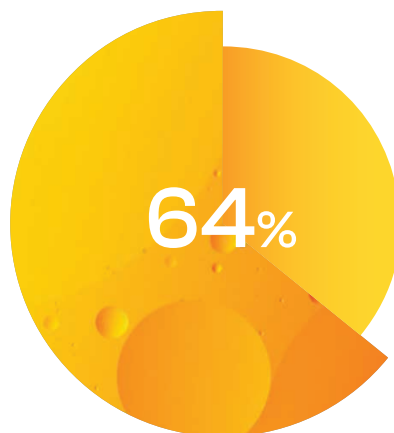
# Our Products

We have a diverse portfolio of products across three main business segments. Our top three medicines are the largest molecules by volume in the Oral Solids category and rank among the top 10 on the WHO list of essential medicines.

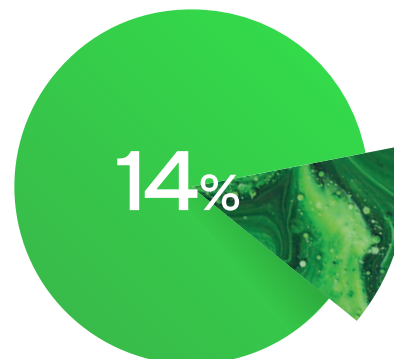
## Business Segments



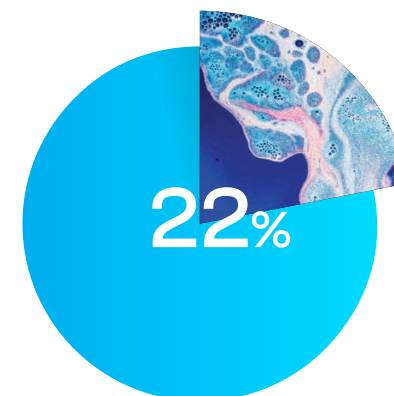
### Finished Dosages (FD)



### Pharmaceutical Formulation Intermediates (PFI)



### Active Pharmaceutical Ingredients (API)



#### Core Capabilities and Share of Revenue (% as share of Revenue)

- Our FD portfolio includes Tablets, Caplets, Press-fit Capsules, blister packs, and bottles
- At our Gagillapur facility, we produce rapid- and extended-release tablets, utilizing advanced automation, durable equipment, and robust manufacturing systems
- We have 92 approved ANDAs and Dossiers across US, Europe, Canada, UK and Rest of the world

- We specialize in large-scale PFI production with a 6-ton batch capacity at our Jeedimetla and Gagillapur facilities
- Our efficient process enables direct transfer from drums to hoppers, establishing us as a global PFI supplier

- We produce high-volume APIs like Paracetamol, Metformin, Guaifenesin, and Methocarbamol with a focus on quality and affordability
- With dedicated R&D efforts to expand our API portfolio, we have added products across categories, including anti-hypertensives, antihistamines, anti-infectives, analgesics, anti-coagulants, anti-fibrotic and platelet inhibitors





# Catering to a Global Customer Base

We have established a strong global presence, Supplying over 60 molecules to more than 300 customers across 80 countries. With operations in India and the US, supported by four R&D centers in India, we drive innovation, scale, and efficiency, making Granules the preferred partner for leading pharmaceutical companies and retailers across the US, EU, UK, and other key markets.

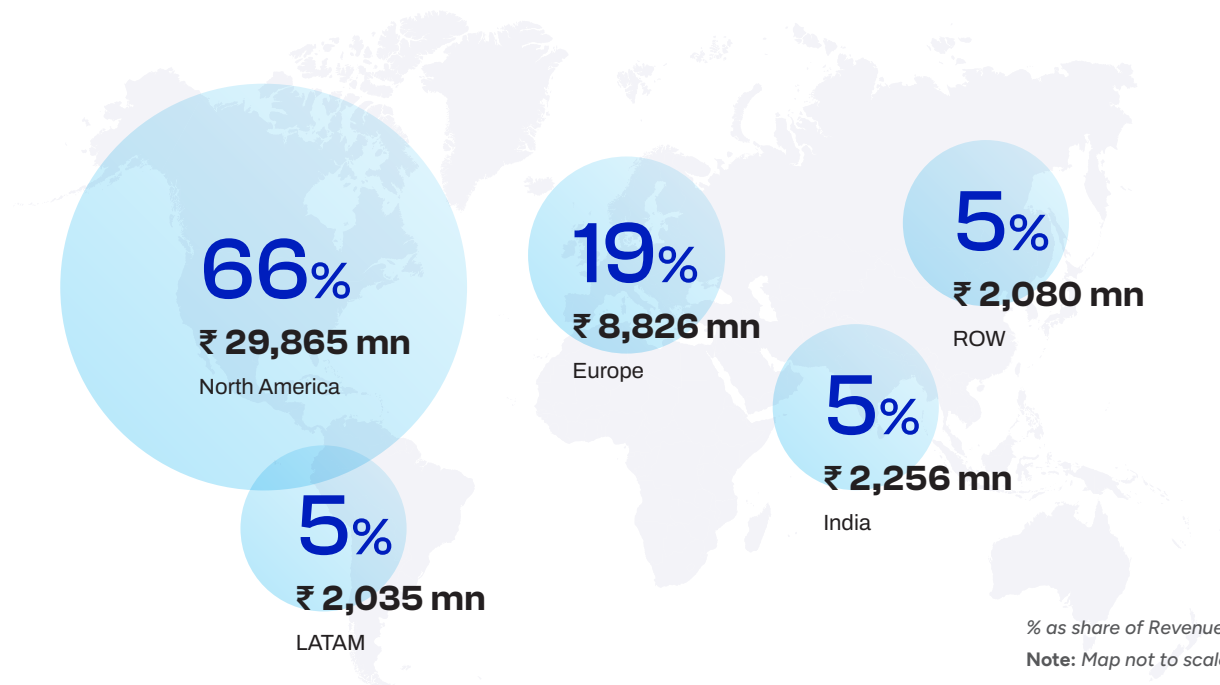


**Ms. Priyanka Chigurupati**  
Executive Director

At Granules, we recognize that achieving sustainability in our industry demands a comprehensive approach encompassing the entire value chain. While the pharmaceutical sector has made notable strides in reducing Scope 1 and Scope 2 emissions - those stemming directly from internal operations, these account for only a small fraction of our overall carbon footprint. The bulk of emissions, over 80%, arises from Scope 3 sources within the supply chain, a critical area that demands increased focus and action as we work toward the goals of the Paris Agreement. Granules is committed to supporting our customers in addressing these challenges and meeting their climate goals.

By embedding sustainable practices into every stage of our operations, from efficiency measures and renewable energy adoption to sustainable product development and manufacturing, culminating in our long-term vision of green molecules through our CZRO subsidiary, we are embracing green science for our customers to reduce their Scope 3 emissions and achieve meaningful climate milestones.

Trust-based partnerships are central to our philosophy, fostering collaboration and innovation to drive shared success. Together, we are shaping a future where sustainability is fundamental to every interaction, advancing toward a greener, more responsible world.



	Manufacturing Units	Capacity	Regulatory Approvals
<b>API</b>	Bonthapally, Telangana Jeedimetla, Telangana Vizag (Unit IV), Andhra Pradesh Vizag (Unit V), Andhra Pradesh Bonthapally II (API Intermediate)	34,560 TPA 4,800 TPA 380 KL 15 KL 61.5 KL	US FDA, EDQM, WHO, COFEPRIS, INFARMED US FDA, EDQM, COFEPRIS, WHO, CDCSO US FDA, KFDA, EU GMP, WHO GMP, EDQM EU GMP
<b>PFI</b>	Gagillapur Jeedimetla, Telangana	23,200 TPA 1,440 TPA	US FDA, COFEPRIS, TGA, MCC, INFARMED WHO GMP, COFEPRIS, INFARMED
<b>FD</b>	Gagillapur Virginia, USA Vizag (Unit V) Granules Life Sciences (GLS)	26.8 bn 1.5 bn 1.1 bn 2.5 bn (Phase-1)* 7.5 bn (Phase-2)#	US FDA, MCC, COFEPRIS, TGA, INFARMED US FDA, DEA EU GMP
<b>Packaging</b>	Virginia, USA	2 OTC lines and 1 Rx line	US FDA

\* Phase-1: Annual capacity by Mar-2025

# Phase-2: Annual capacity by 2026





# Awards & Recognitions



2024



## BW PharmaWorld Person of the Year Award 2024

Granules India's Chairman and Managing Director honoured for his exemplary leadership and transformative contributions to the pharmaceutical industry

2024



## Golden Peacock Awards – Winner of Sustainability 2024

Recognised for outstanding contributions to sustainability in business practices

2024



## ET RE Pharma Awards

Awarded for excellence in contribution towards sustainability within the pharmaceutical industry

2024



## CII 25<sup>th</sup> National Award for Excellence in Energy Management 2024

Recognised for excellence in energy efficiency and sustainable energy management practices

2023



## QMS Integration Award & Quality Culture Transformation Award

Granules India Limited (Gagillapur) received these prestigious awards for their innovative enhancements to the batch release system, which reduced errors and cycle times since 2017

2023



## Future Ready Organization

Granules India Limited was honored with the prestigious Economic Times Future Ready Organization Award, a testament to our commitment to innovation and preparedness for the future

2023



## TSREDCO Awards TSECA 2023

Received the Gold from Telangana State Energy Conservation Awards under Large Scale Industry category

2023



## Most Trusted Brands of India 2023

Recognized for exceptional trust and reliability in delivering products and services

2023



## IGBC Green Factory Buildings – Crusader of Sustainability

Honored for Granules Life Sciences Limited's commitment to sustainable factory operations

2022



## Gold and Silver Winner at the 10<sup>th</sup> CII National Poka-Yoke Competition

Awarded for excellence in implementing quality control and error-proofing manufacturing processes



# Partnerships, Collaborations and Ratings

## Commitments



**RACE TO ZERO**

Our climate targets covering Near-term, Long-term, and Net Zero goals (2050 or sooner), aligned to 1.5°C pathway, have been validated and approved by SBTi & aligned with RACE TO ZERO

**WE SUPPORT**



Committed to UNGC 10 Principles of Human rights, Labor, Environment, and Anti-corruption



Granules Gagillapur unit has cleared the C-TPAT (Customs Trade Partnership Against Terrorism | US. Customs and Border Protection) Audit with 84% score

## Sustainability Ratings



**C Score**

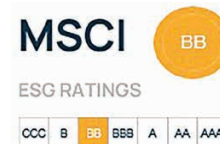
Received 'C Score' in Climate Change Disclosure

**ecovadis**

**Silver Rating\***

\*Achieved by  
Unit - 1 Bonthapally

Received EcoVadis Silver Rating for Granules Unit-1 Bonthapally and Bronze Rating for Unit-2 Jeedimetla



Granules MSCI ESG Ratings

## Partner Collaboration Platforms



## Membership of Associations

Granules is a member of:



Pharmaceutical Supply Chain Initiative (PSCI)



Bulk Drug Manufacturer Association of India (BDMAI)



Confederation of Indian Industry (CII)



The Federation of Telangana and Andhra Pradesh Chambers of Commerce and Industry (FTAPCCI)



World Economic Forum Center for fourth Industrial Revolution (C4IR) Telangana - Founding Member