

**Date: February 25, 2025**

**To,**  
**National Stock Exchange of India Limited**  
Exchange Plaza, C-1, Block G Bandra Kurla  
Complex, Bandra (E),  
Mumbai-400051

**To**  
**BSE Limited**  
**Department of Corporate Services - Listing**  
Phiroze Jeejeebhoy Towers, Dalal Street,  
Mumbai – 400001

**SYMBOL: PTCIL**

**BSE Code: 539006**

Dear Sir/Madam,

**Sub: Disclosure under Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements), Regulations 2015 – Investor Presentation**

Pursuant to Regulation 30(6) read with Part A of Schedule III of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed a copy of the Investor Presentation.

This is for your information and records.

Thanking you.

Yours Faithfully,  
For **PTC Industries Limited**

**Pragati Gupta Agrawal**  
**Company Secretary and Compliance Officer**

**Place: Lucknow**

**Encl: As above**



# PTC Industries Limited


## TOWARDS PARITY

INVESTOR PRESENTATION  
FEBRUARY 2025



- This presentation and the following discussion may contain “forward looking statements” by PTC Industries Limited (“PTC” or the Company) that are not historical in nature. These forward-looking statements, which may include statements relating to future results of operations, financial condition, business prospects, plans and objectives, are based on the current beliefs, assumptions, expectations, estimates, and projections of the management of PTC about the business, industry and markets in which PTC operates.
- These statements are not guarantees of future performance, and are subject to known and unknown risks, uncertainties, and other factors, some of which are beyond PTC’s control and difficult to predict, that could cause actual results, performance or achievements to differ materially from those in the forward-looking statements.
- Such statements are not, and should not be construed, as a representation as to future performance or achievements of PTC. In particular, such statements should not be regarded as a projection of future performance of PTC. It should be noted that the actual performance or achievements of PTC may vary significantly from such statements.

# Our *Dharma* – achieving **Parity**

A large crowd of diverse people, representing various ages and ethnicities, is arranged to form the geographical shape of India. The crowd is dense in the central and southern parts of the map and more sparse in the northern and northeastern regions. Some individuals are standing, while others are in motion, creating a sense of a living, breathing community.

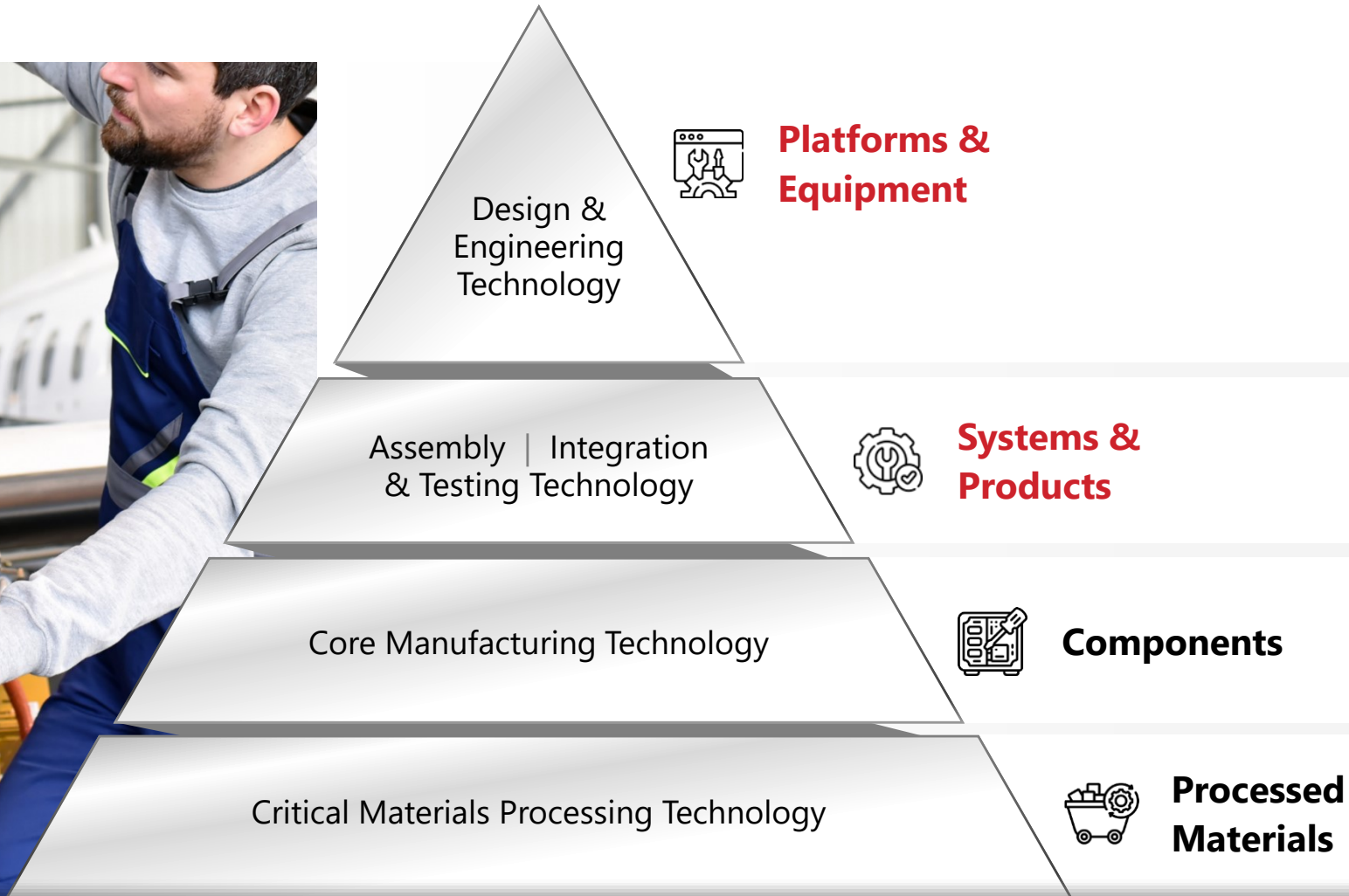
श्रेयो हि वृणीते प्रेयो वृणीते।  
श्रेयो हि धीरोऽभिप्रेयसो वृणीते॥ – *Taittiriya Upanishad*

*Indeed, the wise one chooses the good (Shreyas) over the easy (Preyas).  
The intelligent one chooses the good, but the undiscerning one chooses the easy.*

Therefore, It Is Our Dharma To Work  
Towards Building Equality In Respect of  
**Capability, Technology,  
Skill, Workmanship, Talent,  
Knowledge, Quality,  
Productivity, Efficiency, & Sustainability**  
in the country to allow us to become a  
nation that is at par with the world.

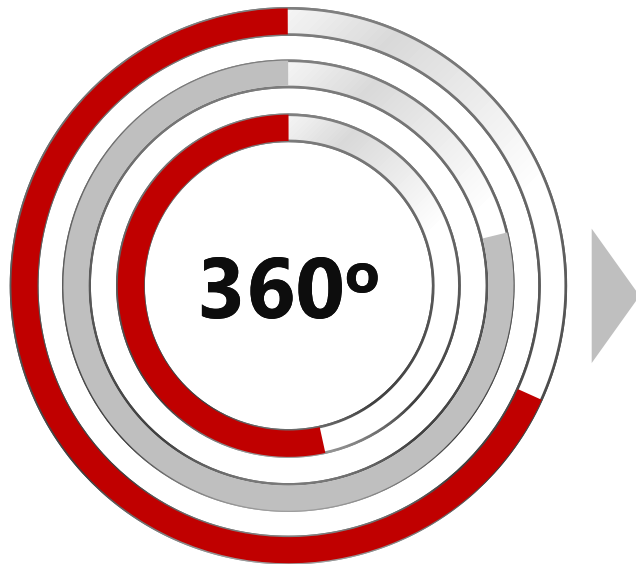


# Technology Pyramid



# Platform Independent Core Manufacturing Technologies

**Established  
Capabilities to Cater  
to entire Spectrum  
of A&D Sector**



## Civil Aviation

Torque tubes  
airframe structural  
engine mounts  
turbine frames  
engine liners  
swirlers and injectors



## Air Defence

Airframe Structures  
Intermediate casings  
Bearing Housings  
Re-fuelling nozzles  
Turbine oil-tanks  
Engine Gearboxes



## Land Defence

Suspension arms  
Muzzle Brakes  
Lightweight artillery structures  
Armour Protection



## Naval Defence

Pump components  
valves  
on-line fittings  
radar structures  
propellers and  
propulsion components



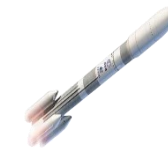
## Space

Propellant tanks  
Propulsion nozzles  
bulkheads  
liquid fuel pump casings  
and impellers  
lightweight structurals



## Aero Engines

Turbine frames  
blades, buckets and vanes  
bearing housings  
inlet and outlet structures



## Strategic System

Propellant tanks  
Propulsion nozzles  
bulkheads  
Pressure bottles  
lightweight structural



# Certification



# Controlled Microstructure Castings (EQ, DS, SX)





# UPDATE ON MEGA PROJECT

At the UP Defence Industrial Corridor, Lucknow



# New **Aerolloy** Site @UPDIC Lucknow





# The New Aerospace **Castings** Facility

## **AEROSPACE** **CASTINGS GROUP**

### **Future Capability & Additions**

Titanium, Super Alloy & Controlled  
Microstructure Castings



**New Aerospace Castings facility of 25,000  
sqm at the new 50 acre land in Lucknow in  
the UP Defence Industrial Corridor**

# New Large Titanium Casting VAR



Total Liquid Metal (kgs)

**400Kgs**



Annual Casting Capacity

**300Tonnes**



Maximum Dimensions

**1,700mm**



Minimum wall thickness

**3mm**



Furnace type

**Vacuum Arc Remelter (VAR)**



Equipment Manufacturer

**ALD Germany**



Installed by

**July 2025**



Commissioned by

**Sept 2025**



Status

**in Transit**

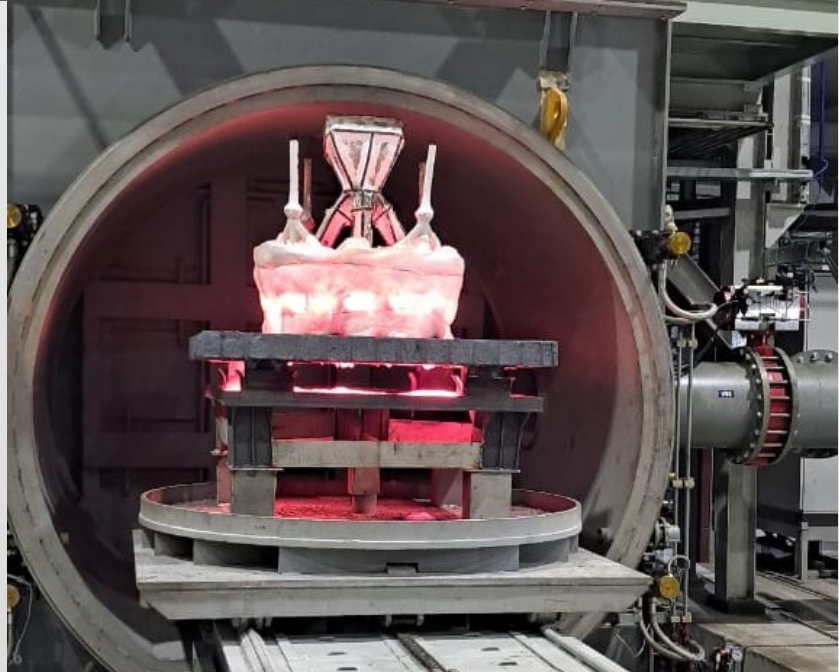


Alloys Developed

**Grade 2, Grade 3, Ti6Al4V, Ti6Al4V (ELI), Ti6242**



# New Large Super Alloy Casting VIM



**Total Liquid Metal (kgs)**

1000 Kgs



**Minimum Dimensions**

100 mm



**Maximum Dimensions**

1,800 mm



**Minimum wall thickness**

3 mm



**Furnace type**

VIM



**Equipment Manufacturer**

Consarc UK



**Installed by**

Complete



**Commissioned by**

April 2025



**Status**

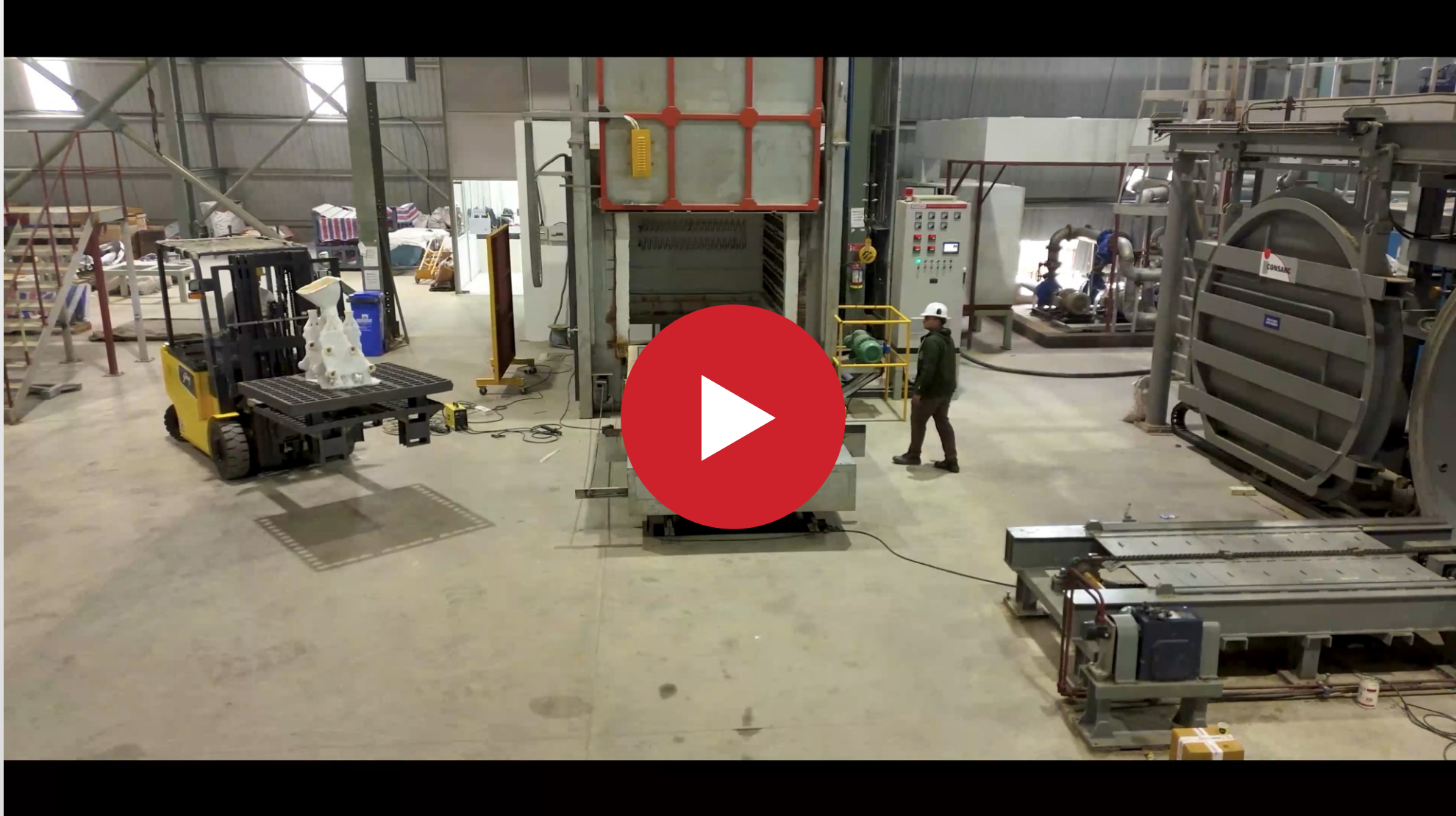
Installed –  
under  
Commissioning



**Alloys**

Inconel 718, 706, 713 LC,  
738 LC; M247 LC

# New Large Super Alloy Casting VIM





# New **High Pressure HIP** under installation



High-Pressure  
and High-  
Temperature  
**Small HIP**  
Installed

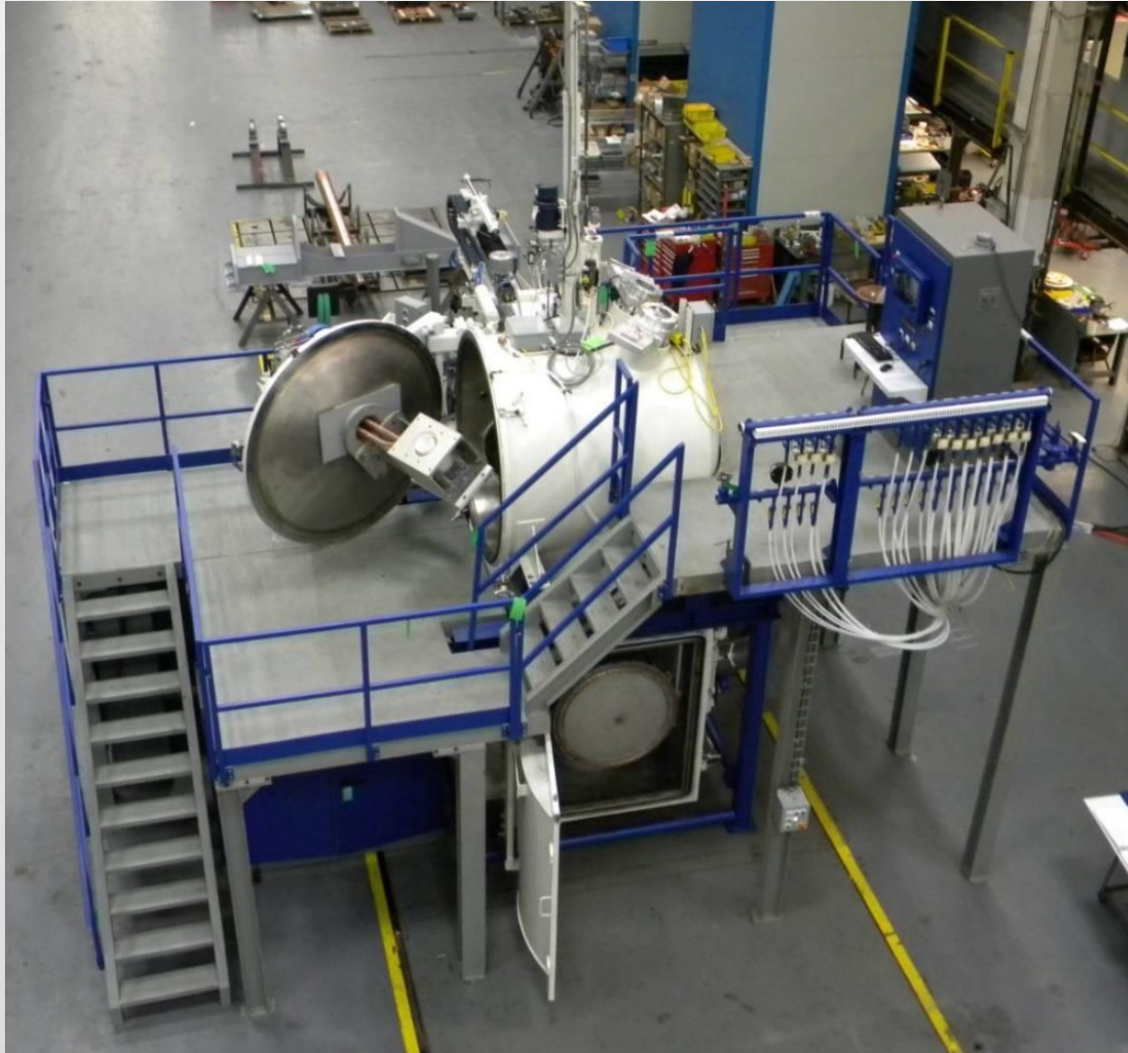


Enhances  
component  
integrity &  
quality for  
aerospace and  
defence  
applications





## Super Alloy VPIC & Titanium VAR– Additional Units on order



# New Vice President of **Engineering (Castings)**

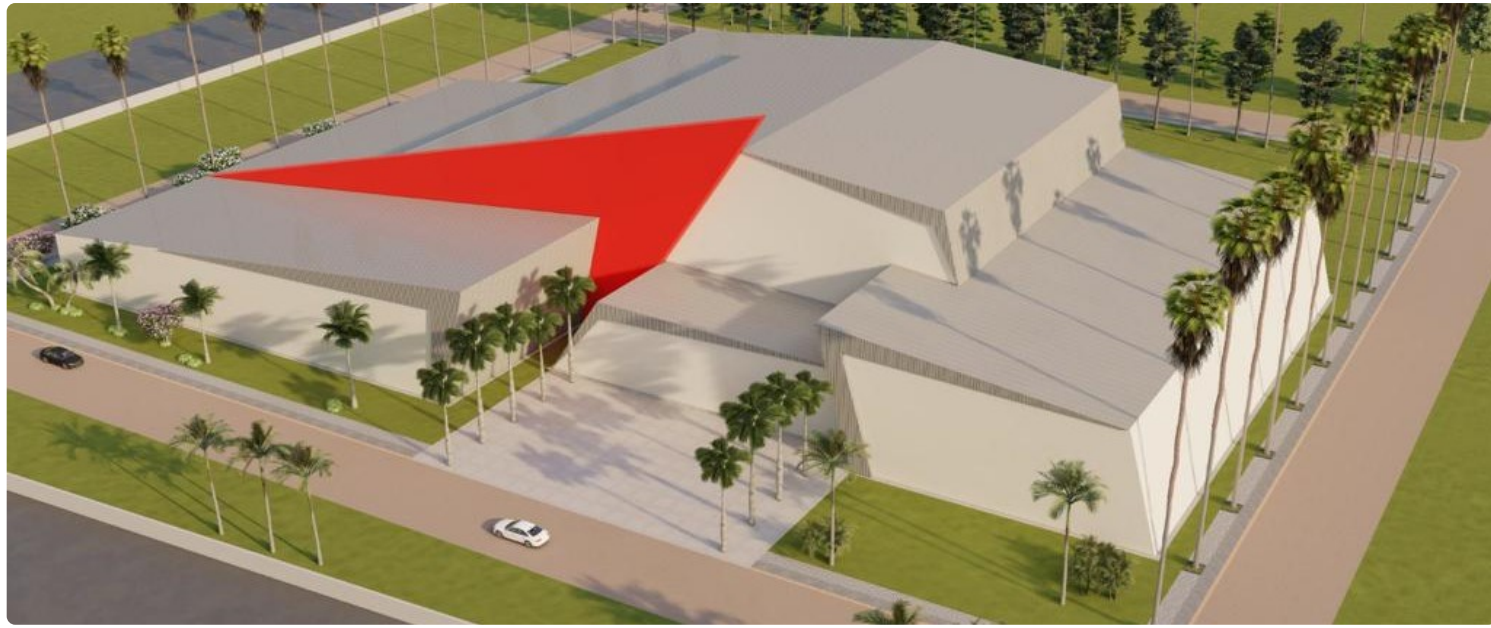


## **Frederic Oudelet Appointed as Vice President of Engineering (Castings)**

- Over 20 Years of Expertise in Investment Casting
- Key Roles at Leading Aerospace Companies
  - Senior Expert in Castings at **Safran Aircraft Engines**
  - Engineering Director at **PCC Structurals**
  - Expertise Team at **Esco Turbine Technologies**
- Extensive Experience in Aerospace Casting & Advanced Materials

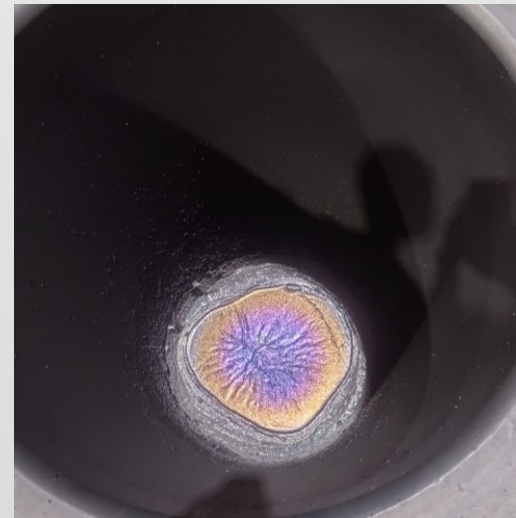
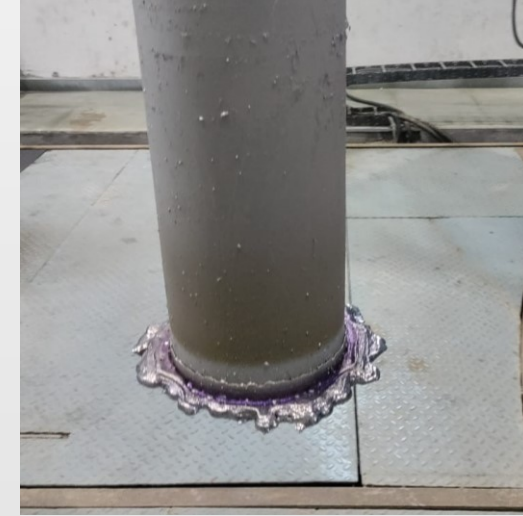
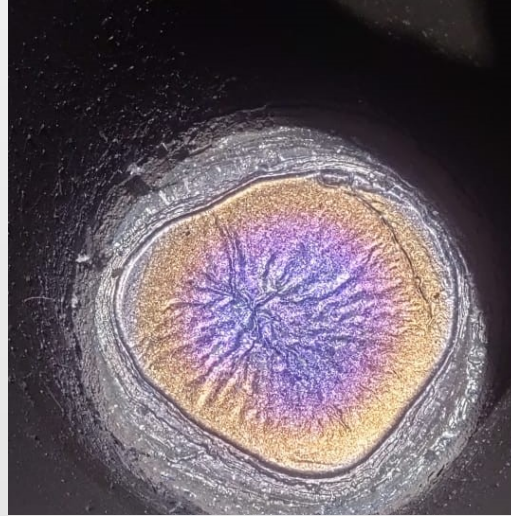


# The New Aerospace **Critical Material Melt Facility**





# Update on **First Titanium Ingot**





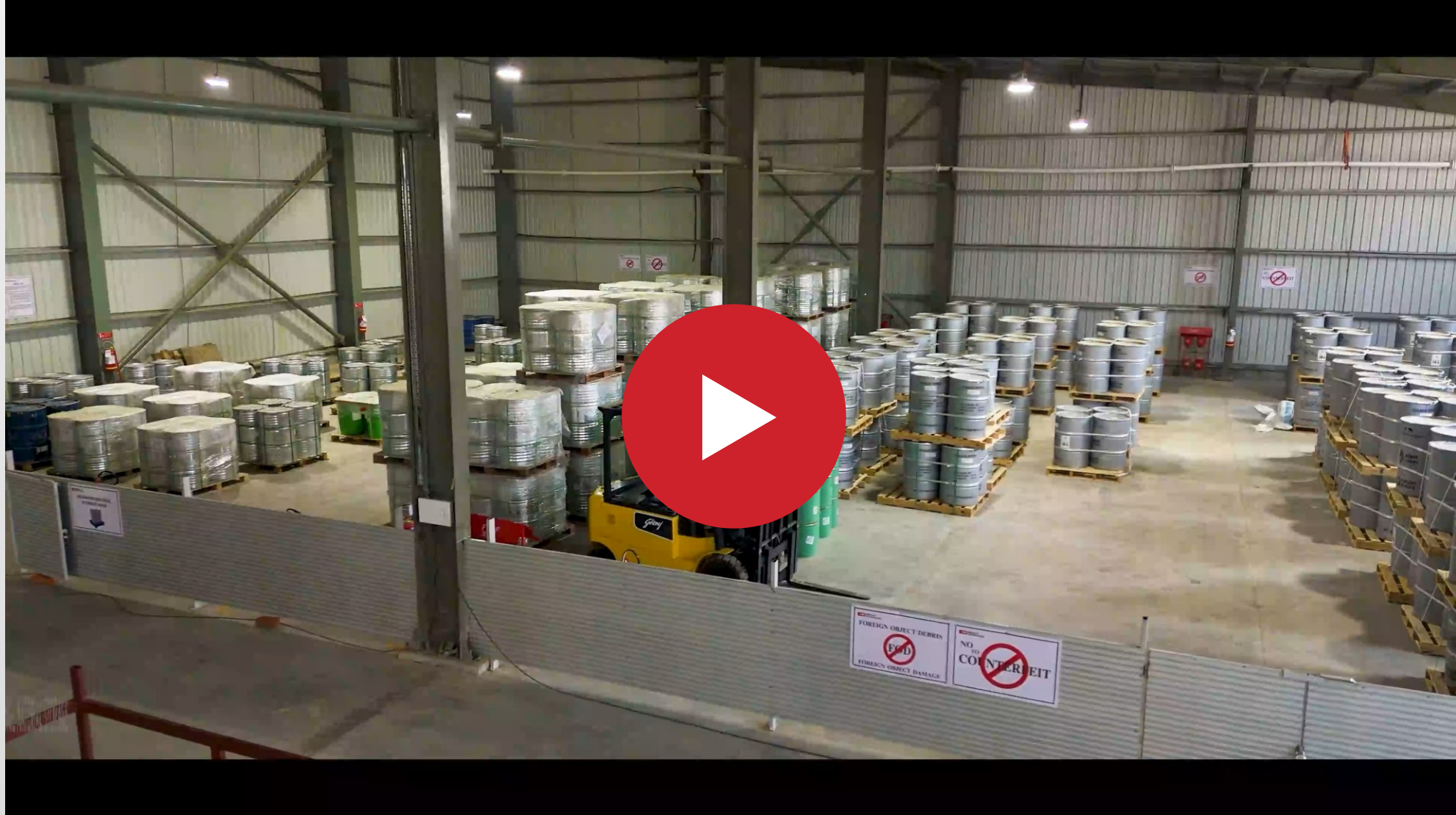
# Update on **First Titanium Ingot**



- Completely produced by PTC's internal team with no foreign expert supervision
- Major milestone in technology absorption reflecting PTC's capability in advanced materials engineering


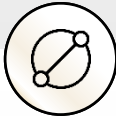










# Titanium Ingots **Under Production**





# Plasma Arc Melting furnace under installation

|   |   |   |  |  |
|---|---|---|--|--|
| <br>Maximum<br>Ingot Weight<br>(kgs) | <br>Minimum<br>Ingot<br>Diameter | <br>Maximum<br>Ingot<br>Diameter | <br>Maximum<br>Ingot<br>Length | <br>Annual<br>Melting<br>Capacity |
| 400 Kgs   | 150 mm  | 200 mm  | 3,000 mm   | >200<br>Tonnes   |
| <br>Equipment<br>Manufacturer        | <br>Installed<br>by              | <br>In Production<br>by          | <br>Status                     | <br>Alloys                        |
| ALD/Retech<br>Systems   | Installed   | July 2025   | Under<br>Commissioning   | Unlimited  |



# EBCHR under installation



- Top structure work initiated
- Melt chamber and melt chamber lock valve assembly, along with the ingot chamber lock valve completed successfully and aligned
- Bar feeder and isolation valve assembly scheduled next
















## New **Metallurgical Lab** installed





# Open Die Forging Press




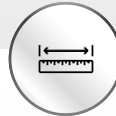






## OPEN DIE FORGE

|  |  |  |  |
|--|--|--|--|
| <br>Forge Press rating (Tonnes)<br><b>4,500</b> Tonnes | <br>Min Billet/(Plate) Dia/(WXT)<br><b>80/(1,500X20)</b> mm | <br>Max Billet Diameter<br><b>900</b> mm          | <br>Maximum Ingot Length<br><b>6,000</b> mm |
| <br>Maximum Billet Weight<br><b>12,500</b> kg          | <br>Annual Forging Capacity<br><b>12,000</b> Tonnes         | <br>Manipulator Capacity<br><b>25</b> Tonnes      | <br>Installed by<br>Sept <b>2025</b>         |
| <br>In Production by<br>Dec <b>2025</b>               | <br>Status<br><b>Under Manufacture</b>                     | <br>Alloys<br><b>Titanium &amp; Super Alloys</b> |  |



# Plates & Sheets Rolling Mill

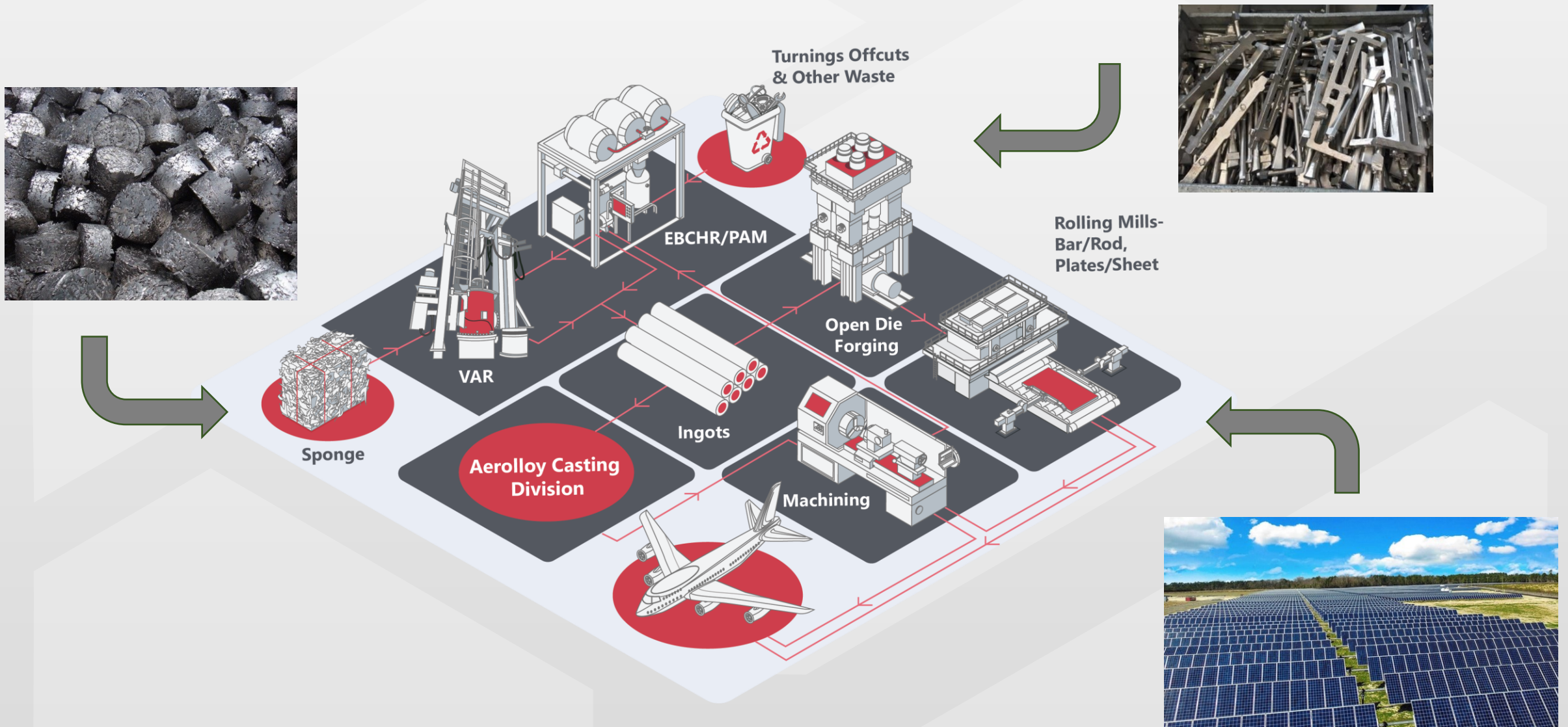
## 2 Hi Hot Rolling Mill

|  |  |  |  |   |
|--|--|--|--|---|
| <br>Maximum<br>Plate<br>Thickness<br><hr/> 100 mm | <br>Minimum<br>Sheet<br>Thickness<br><hr/> 0.3 mm | <br>Maximum<br>Sheet/Plate<br>Width<br><hr/> 1,500 mm | <br>Maximum<br>Sheet/Plate<br>Length<br><hr/> 6,000 mm | <br>Annual<br>Capacity<br><hr/> 5,000<br>Tonnes                                  |
| <br>Equipment<br>Manufacturer<br><hr/> US Make    | <br>Installed by<br><hr/> September<br>2025       | <br>In Production<br>by<br><hr/> December<br>2025     | <br>Status<br><hr/> in Transit                         | <br>Alloys<br><hr/> Grade 2,<br>Grade 3,<br>Ti6Al4V,<br>Ti6Al4V (ELI),<br>Ti6242 |





# Integrated **Closed Loop** Production





# Update from **Aero India 2025**





# MOU WITH AMIC TOHO

Titanium Sponge Sourcing



# MoU with **AMIC TOHO**



## **SECURING A SUSTAINABLE & RELIABLE SUPPLY CHAIN**

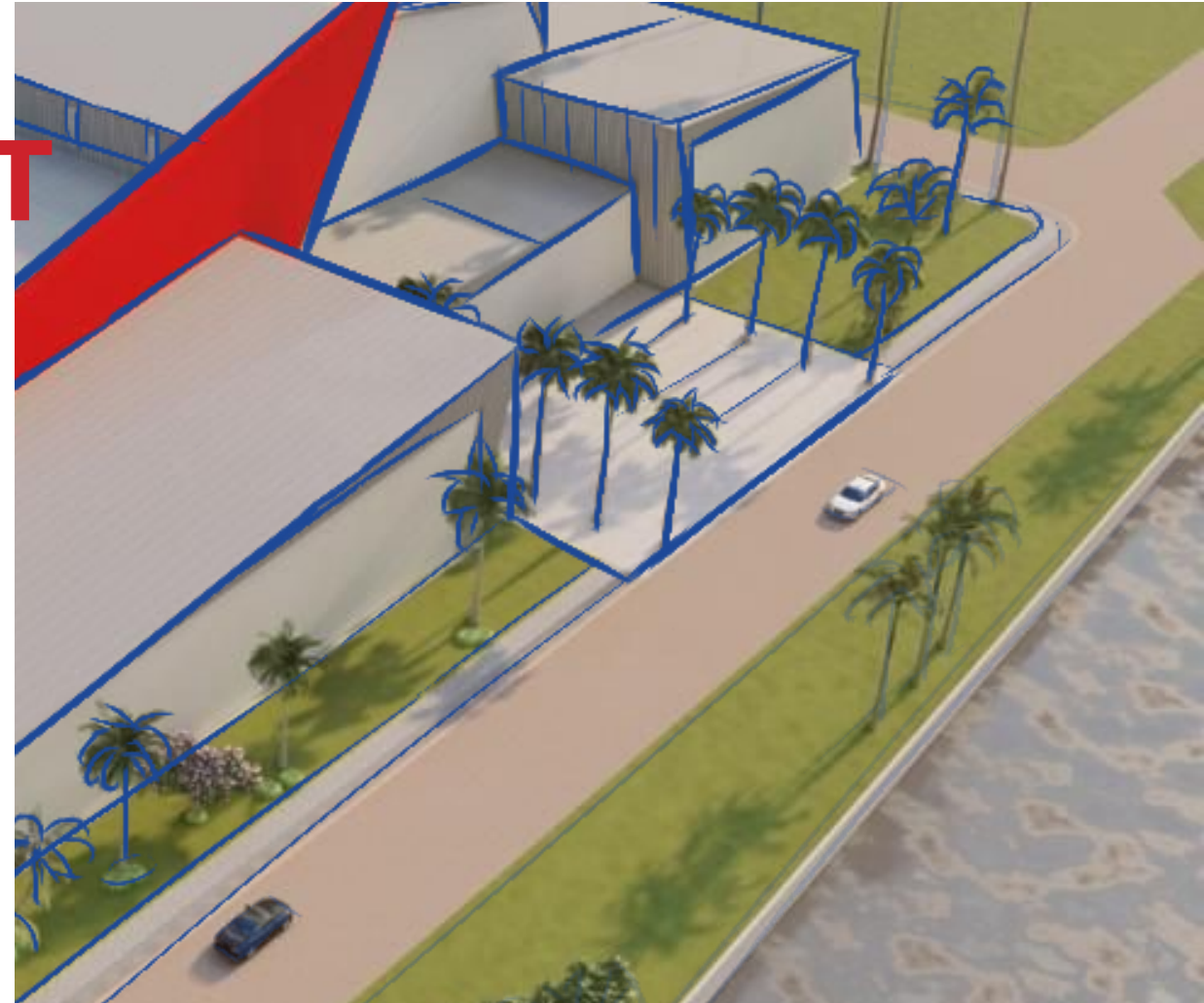
- ♦ **Signed at Future Minerals Forum 2025, Riyadh, Saudi Arabia**
- ♦ **Ensures consistent supply of Titanium Sponge** – a key raw material for aerospace-grade ingots
- ♦ **Supports PTC's sustainability goals with environmentally responsible sourcing**
- ♦ **Strategic Benefits**
  - Strengthens supply chain security
  - Reduces cost fluctuations & dependency on imports
  - Enhances India's position in the strategic materials ecosystem





# MOU WITH ODISHA GOVERNMENT

Strengthening India's Titanium Manufacturing Capabilities



# MoU with Odisha Government



## STRENGTHENING INDIA'S TITANIUM MANUFACTURING CAPABILITIES

### ◆ Key Highlights of the MoU:

- Collaboration with the Odisha government for set-up of titanium sponge production
- Supports PTC's backward integration strategy
- Strengthens India's **self-reliance in critical aerospace materials**

### ◆ Strategic Rationale:

- Reduces dependency on foreign suppliers
- Aligns with India's vision for **indigenous strategic material production**
- Ensures **long-term cost advantages and raw material security**



# STRATEGIC ACQUISITION OF TRAC

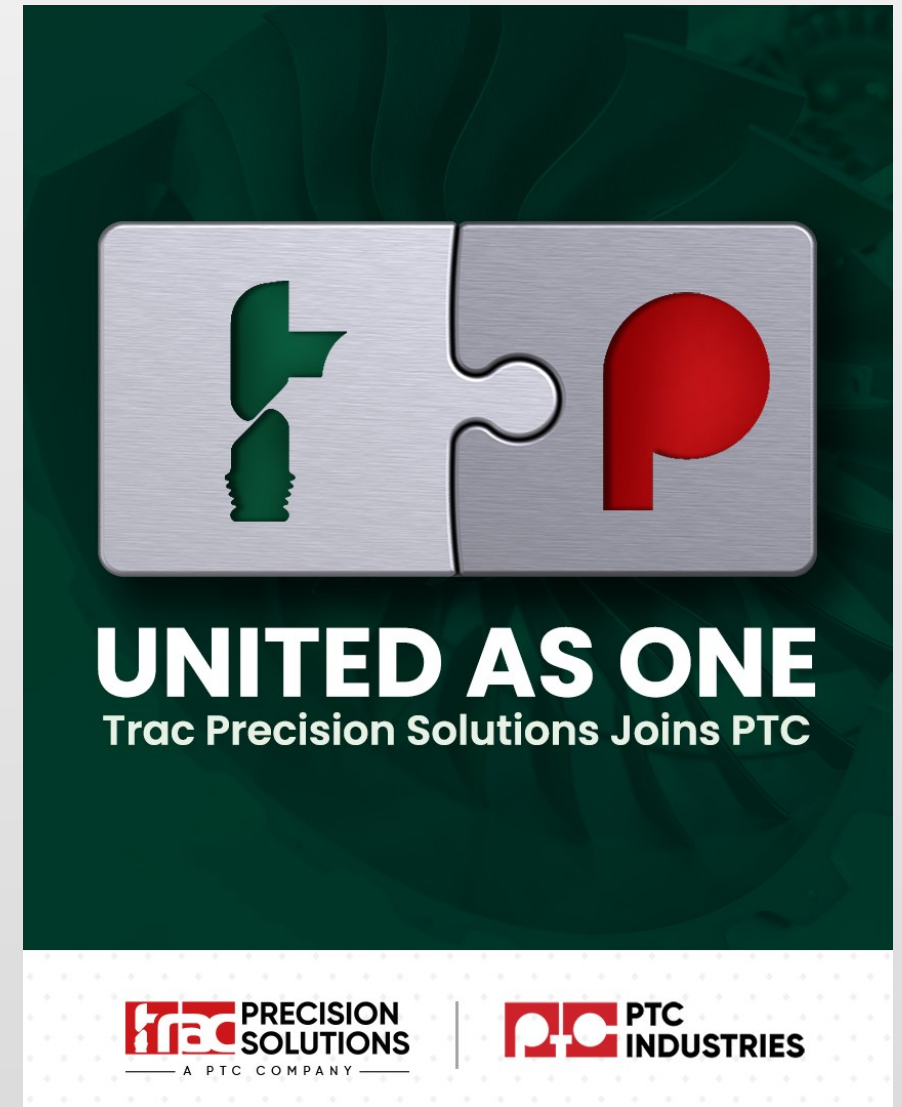
Enhancing manufacturing capability & market reach



# Acquisition of **Trac Precision**

## STRATEGIC FIT OF TRAC

- Expands PTC's high-precision manufacturing capabilities
- Complements **existing casting & machining expertise**
- Opens new opportunities in **aerospace, defence & industrial applications**





# ICRA RATING UPGRDE TO A- (STABLE)

Strengthening Financial Stability



# ICRA Rating Upgrade

## PTC Industries Limited

PTC Industries Limited: [ICRA]A- (Stable)/ [ICRA]A2+ assigned

13 Jan 2025

[View Rationale](#)

[Lender-wise facilities](#)

| Instrument            | Ratings           |
|-----------------------|-------------------|
| Fund-based Limits     | [ICRA]A- (Stable) |
| Non-Fund Based Limits | [ICRA]A2+         |

## ICRA Assigns ‘A- (Stable)’ Credit Rating

- Strong financial performance and operational excellence
- Improved working capital management
- Enhanced revenue visibility from long-term contracts



A hand holding a document over a laptop and calculator. The hand is holding a piece of paper with some text and a diagram. The laptop is open, and a calculator is visible in the foreground. The word "Questions" is written in red text over the image.

# Questions

# THANK YOU



## Contact Us

### PTC Industries Limited

Smita Agarwal, CFO  
[www.ptcil.com](http://www.ptcil.com)

### Ernst & Young LLP

Vikash Verma  
[vikash.verma1@in.ey.com](mailto:vikash.verma1@in.ey.com)

Abhishek Bhatt  
[abhishek.bhatt3@in.ey.com](mailto:abhishek.bhatt3@in.ey.com)

