

**Date: 13-12-2021**

To,  
**BSE Limited**  
P.J. Towers, Dalal Street,  
Mumbai 400 001, India.

**Ref: Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015**  
**Sub: Intimation of meeting conducted with analyst / investor**

Dear Sir/ Ma'am,

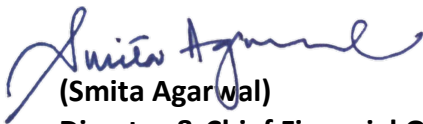
Further to our letter dated December 11, 2021 regarding the captioned matter and pursuant to regulation 30(6) read with Schedule – III of SEBI (Listing Obligations and Disclosure Requirements) regulations, 2015, please find attached herewith Investors Presentation proposed to be shared with Investors in meet scheduled as per details mentioned below:

<b>Date &amp; Time</b>	<b>Name</b>	<b>Venue</b>	<b>Type</b>
December 13, 2021	Mr. Manoj Bajpai, Head of Equities, Barclays Securities India Private Limited	Registered office	One on one

This is for your information and records.

Thanking You,

For **PTC Industries Limited**

  
(Smita Agarwal)

**Director & Chief Financial Officer**  
DIN- 00276903

**Encl.: as above**

TOWARDS

PARITY

ON AN EQUAL FOOTING



# PTC Industries – An Overview

Established in 1963 – with manufacturing facilities in UP & Gujarat

Leading supplier of castings, machined components & fabricated parts for critical and super-critical applications across the world

Supplying to Oil & Gas, LNG, Marine, Aerospace, Valves, Paper, Power, etc.

Wide range of difficult-to-cast exotic alloys including Ferrous, Nickel, Copper alloys, Titanium, Super-alloys, Non-Ferrous alloys

Over 85% exports to USA, Europe and other countries for over 35 years



# Our Management Team

- ✓ Professionally qualified
- ✓ Over 100 years of combined experience
- ✓ Unmatched technical abilities

Sachin Agarwal –  
Chairman & Managing  
Director



Smita Agarwal –  
Chief Financial  
Officer



Priya Ranjan  
Agarwal – Director,  
Marketing



Alok Agarwal –  
Director,  
Technical/Quality



Jim Collins –  
Product & Process  
Dev. Manager



Steve Wadsworth –  
Sales Manager



# Some of Our Awards..



PTC recognised as one of 16 Hidden Gems of the country by Forbes India magazine



National Award for R&D in the Industry from the Government of India



Received Special Jury Award for MSMEs in the 2017 TIME India Awards



Received Innovator of the year Award 2018 in the Medium Enterprise Category by CII



Total Cost Leadership Award by Rolls Royce Marine



PTC honoured by UP Government for Ushering a positive change in the state

# PTC Centres of Excellence



**AMTC**  
Advanced Manufacturing & Technology Center

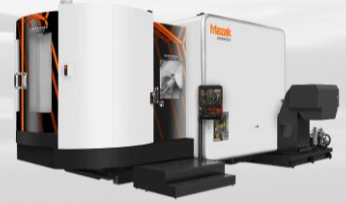
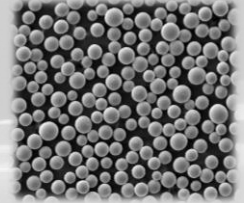
**ICF**  
Investment Casting Facility - Ahmedabad

**ATL**  
Aerolloy Technologies Limited

**AMG**  
Aerospace Metals Group

**PMF**  
Powder Metallurgy Facility

**PMD**  
Precision Machining Division



# The Technology Advantage

Introduction of niche casting technologies for the first time in India



- Vacuum melt casting of Reactive alloys
- Investment casting, PrintCast, Replicast



- Microstructure controlled castings (Single Crystals and Directionally Solidified) for Aeroengines



- Net shape high integrity components from metal powder



- Capability to manufacture 3D printed patterns for utilisation in manufacturing of castings



- Where castings and forgings converge
- Near net shape castings with forging properties



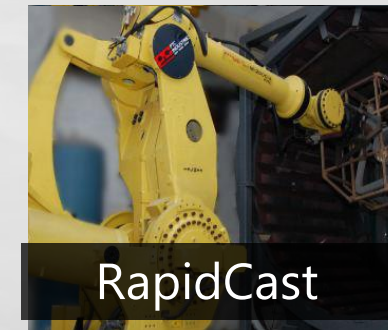
- Near net shape casting solutions using ceramic shells with weight range upto 2500 kg



- Quality – Value – Speed upto 5000 kg single piece
- 7-Axis CNC machining robots to machine patterns



- High integrity Ni/Cu/Al alloy castings

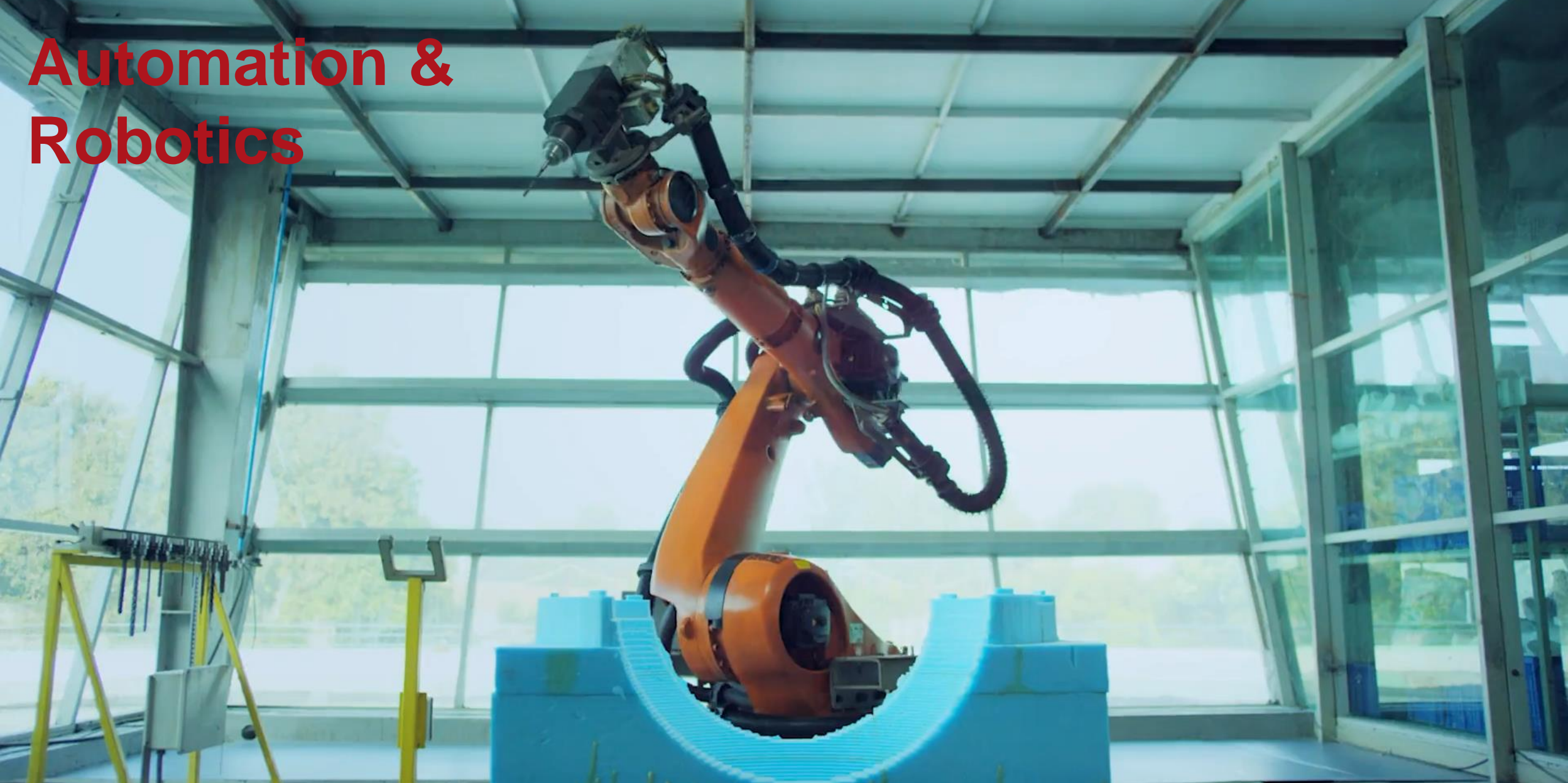


# Advanced Manufacturing





# Automation & Robotics



# Titanium & Super Alloy Castings



# Hot Isostatic Pressing (HIP)



# Precision Machining



# Integrated Metal Manufacturing Facility

# Material Testing facility



# Aerospace Castings in Titanium & Super Alloys



# PowderFORGE™ – Net Shaped High Integrity Parts Made from Metal Powder

A **wide range of metal powders** can be hot iso-statically pressed (Fe, Ni, Co, Ti, Cu, Mg, Al)

**New alloy compositions** which were impossible to cast or forge can be considered in the rapid solidification process.

## Benefits

- Improved quality & performance due to fine & isotropic micro-structures
- **Cost reduction**
- Reduction of number of welds on complex parts
- Dense, without segregation
- **Design flexibility**, Near-Net shapes, Net shapes or Bimetal construction
- Use of composite materials
- Freedom of part sizes and production series and choice of alloys
- A lean manufacturing route, leading to shorter production lead-times
- Reduction of machining requirements
- Producing single parts where previously several were required
- Less NDT needed & easier NDT

***In-house Capability for manufacturing Titanium Alloy Powders***





# Land Defence Systems



Battle Tanks,  
Armoured  
Vehicles

Platforms

Running gear, Armour

Sub-systems

Structural parts for ULH, Light  
Weighting of Tanks & Armoured  
Vehicles, Armour Plates & Muzzles

Components

High strength steel, Titanium Alloys

Processed Materials

# Naval Defence Systems



Corvettes,  
Frigates, Warships  
& Submarines

Platforms

Hull, Propulsion, Armament

Sub-systems

Vales, Pumps, Water Jet Engine,  
Propeller, On-line Fittings, Shelves for  
Torpedoes

Components

Titanium Alloys, Duplex & Super Duplex  
Stainless Steel, Nickel Aluminium Bronze

Processed Materials

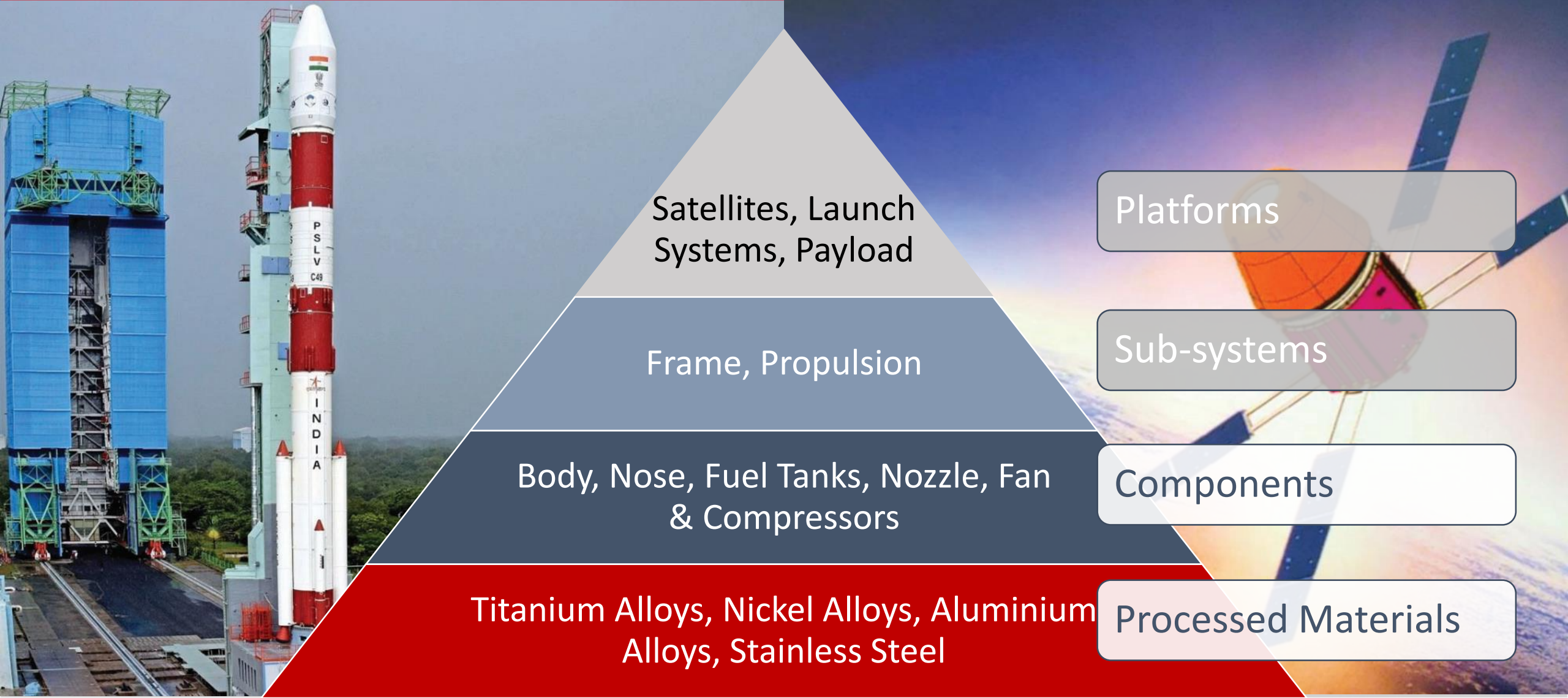
# Air Defence Systems



# Strategic Defence Systems



# Space Systems



Satellites, Launch Systems, Payload

Platforms

Frame, Propulsion

Sub-systems

Body, Nose, Fuel Tanks, Nozzle, Fan & Compressors

Components

Titanium Alloys, Nickel Alloys, Aluminium Alloys, Stainless Steel

Processed Materials

# Technology & Innovation Highlights

Strengthening of Technology Team with High Calibre Talent

4 Major Strategic Technology Streams under Fostering

Diversification to Strengthen Core Technical Offer of the Business

World Class Network Formulated to Expedite Technology Maturity

Technology Roadmap Calibrated to Enable Continuous Roll-out



**FORGECAST**



**RAPIDCAST**



**REPLICAST**



**PUREPOUR**



**TITANIUM POWDER**



**POWDERFORGE**



**PRINTCAST**



**TICAST**



**RAPIDCAST ULTRA**



**INVESTMENT CASTING**

# PowderFORGE® - High Performance Alloys



Titanium & Titanium Alloy Powder Production Fully Operational In-house (1<sup>st</sup> in India)

PowderFORGE Titanium and High Alloy Steel Successfully Developed

Tungsten Powder Densification Developed for Precision Component Manufacture



**FORGECAST**



**RAPIDCAST**



**REPLICAST**



**PUREPOUR**



**TITANIUM POWDER**



**POWDERFORGE**



**PRINTCAST**



**TICAST**



**RAPIDCAST ULTRA**



**INVESTMENT CASTING**

# Growing Globally

Based On Strengths

Based On Technology



Based On Markets

Based On Products

 **FORGECAST**

 **RAPIDCAST**

 **REPLICAST**

 **PUREPOUR**

 **TITANIUM POWDER**

 **POWDERFORGE**

 **PRINTCAST**

 **TICAST**

 **RAPIDCAST ULTRA**

 **INVESTMENT CASTING**



# Business Development & Supporting Growth

## Business Development Plans for Market Development

- 1) Secure additional agency agreements in the identified regions;
- 1) Extensively market the group of businesses through Social Media, Exhibitions, Trade Association Memberships and Field Sales Visits, as well as high level interactions at local & national government level;
- 2) Work more closely with existing customer base to increase product spread and utilise new manufacturing capabilities;
- 3) Identify & plan market entry strategy at customer level for newly acquired technologies;
- 4) Host customers at site for Product Development initiatives;
- 5) Drive agents through regional events for specific marketing campaigns and strategy planning;



Thank you

