



# Additive Manufacturing Technology Roadmap Overview

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**AIRBUS**

# AIRBUS



**134,000+**  
Total workforce

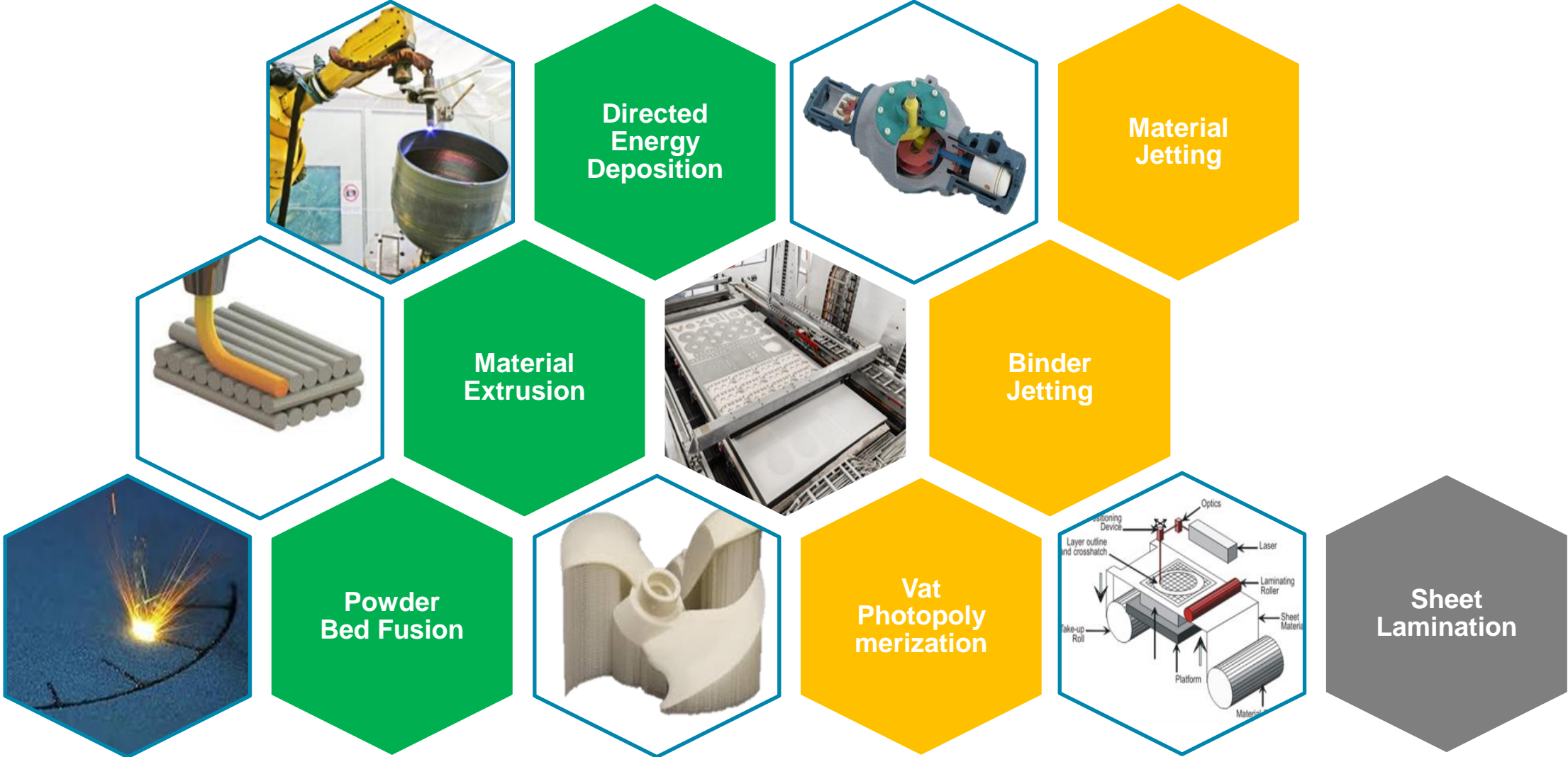


**€1,060billion**  
Order book

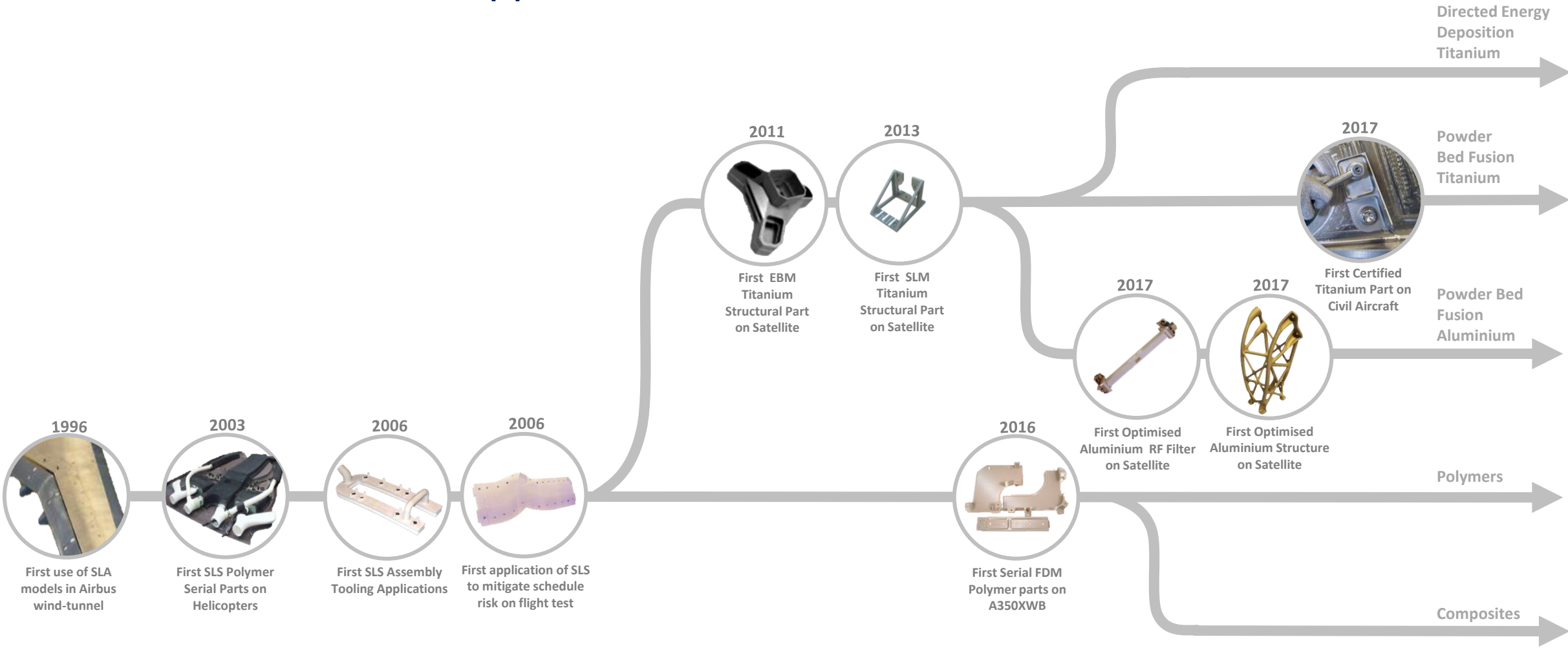


**€67billion**  
Annual revenue

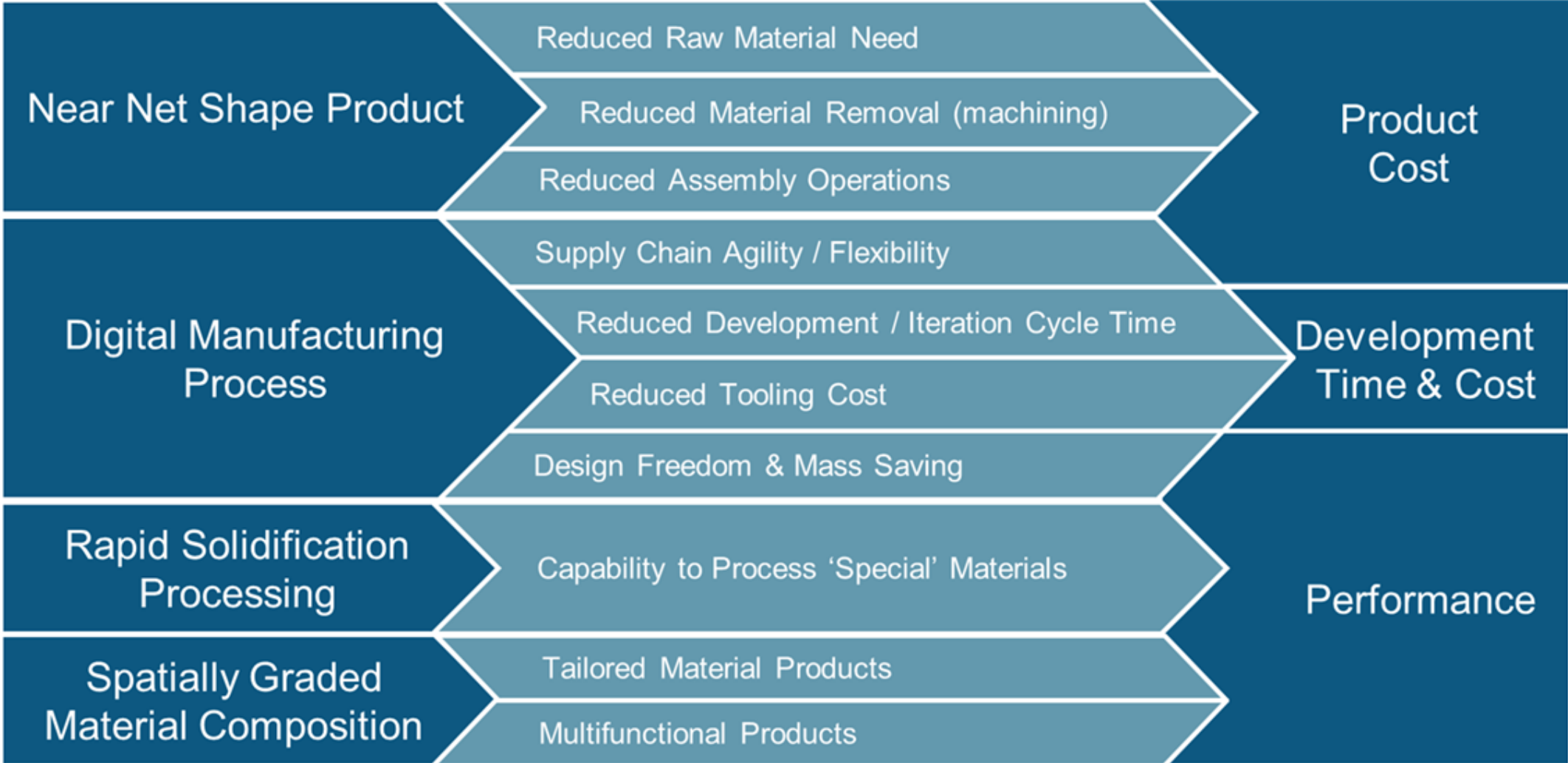
# Additive Manufacturing - Scope



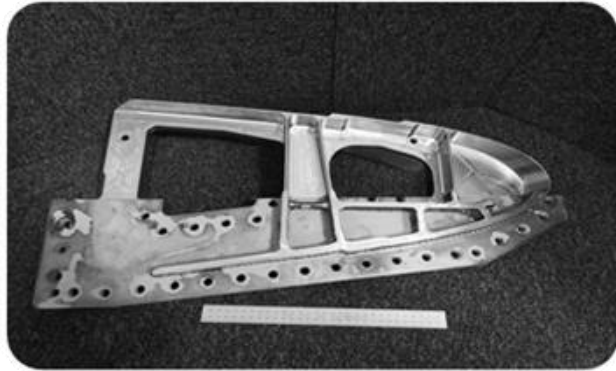
# Historical Evolution of Applications within Airbus



# The Value Proposition



# Additive Manufacturing in the Product Lifecycle



## New Product Development

- Functional Prototyping
- Long Lead Time Items
- Ease of Design Evolution

## Serial Production

- Mitigate Supply Disruption
- Optimised Parts Production
- More Integrated Structures

## In-Service

- Repair Solutions
- Spare Parts
- Supplier Obsolescence

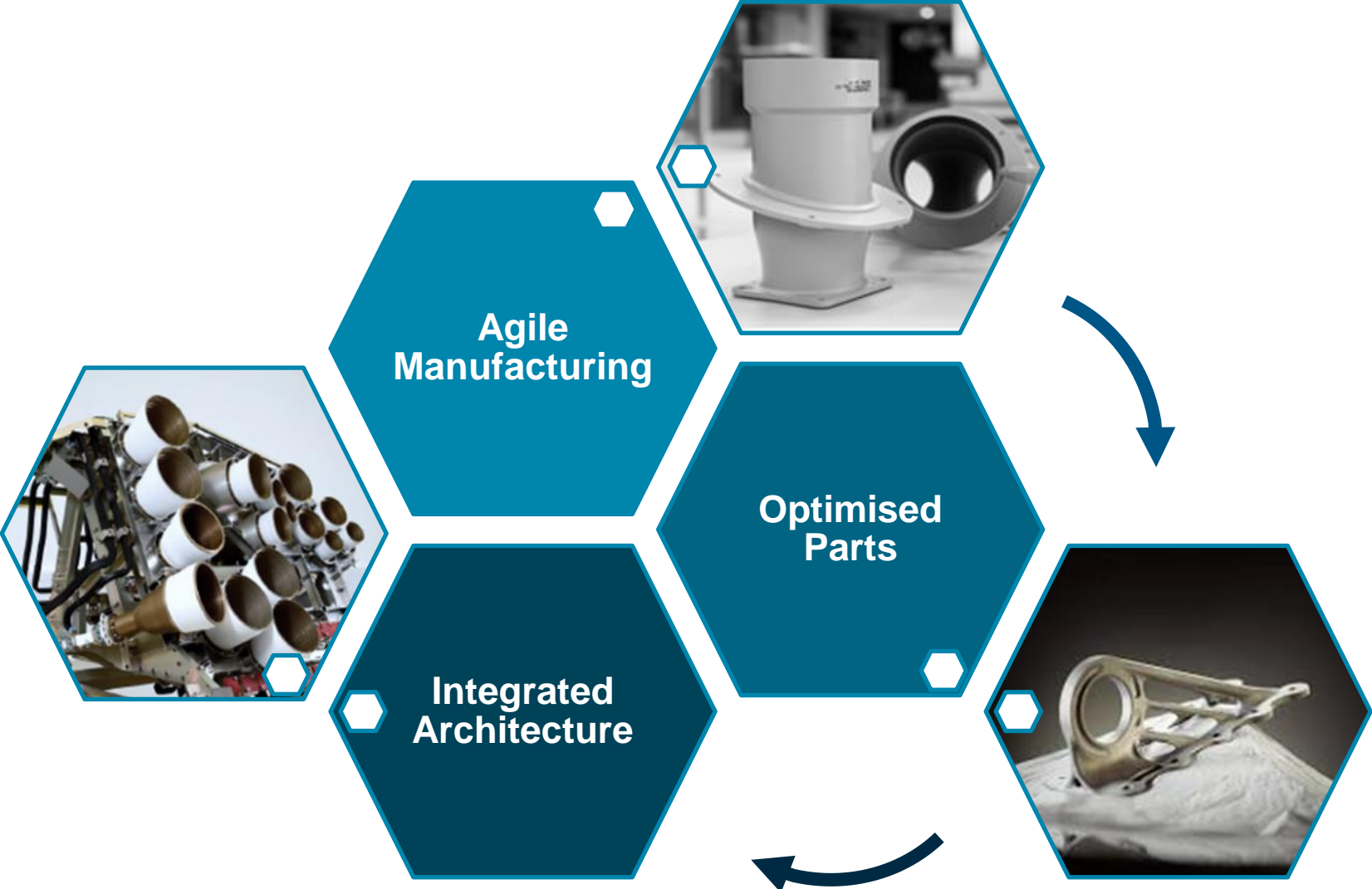
Low Volume / High Mix

Development Time & NRC Driven

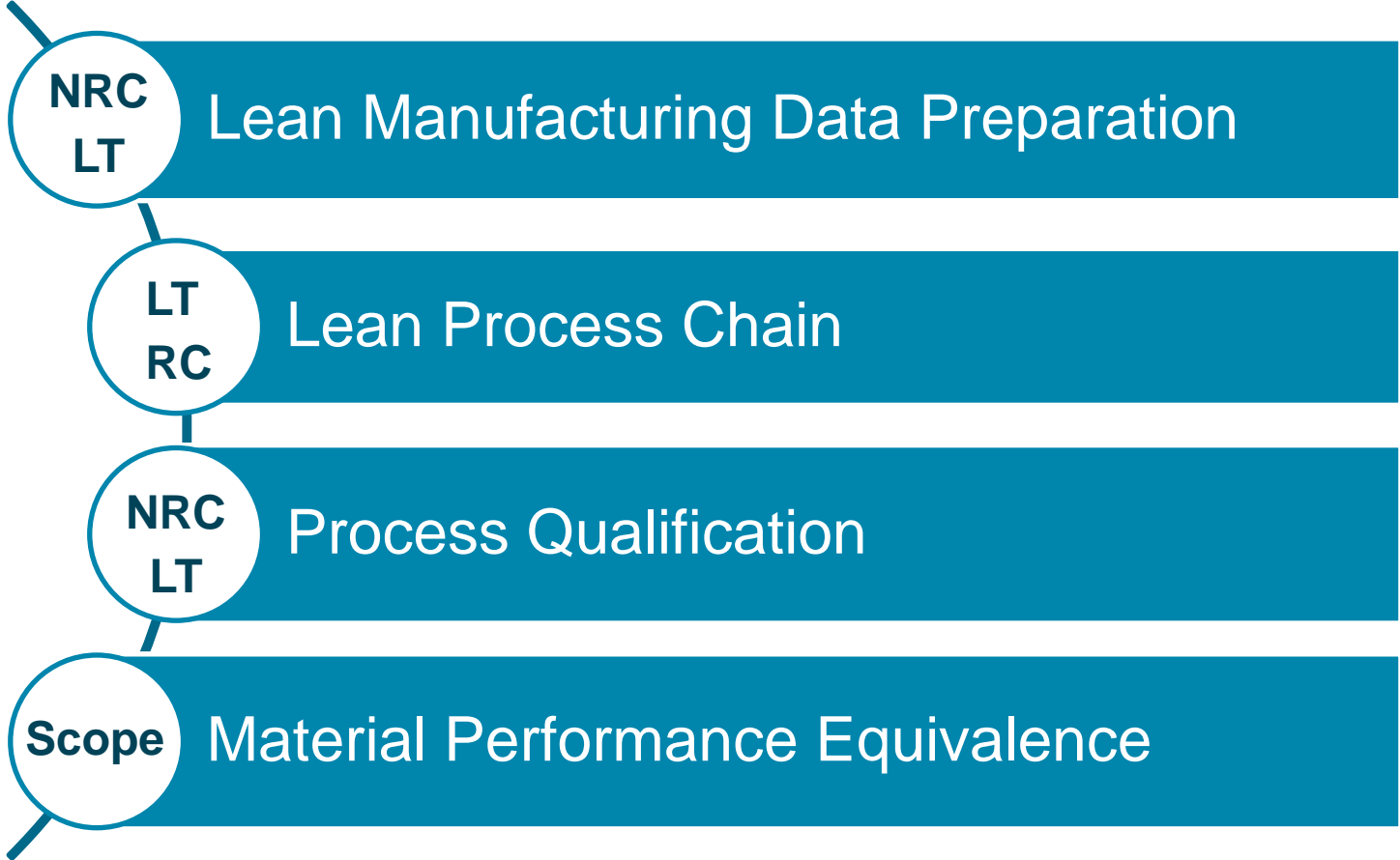
High Volume

Product Cost & Performance Driven

# Value Driven Applications

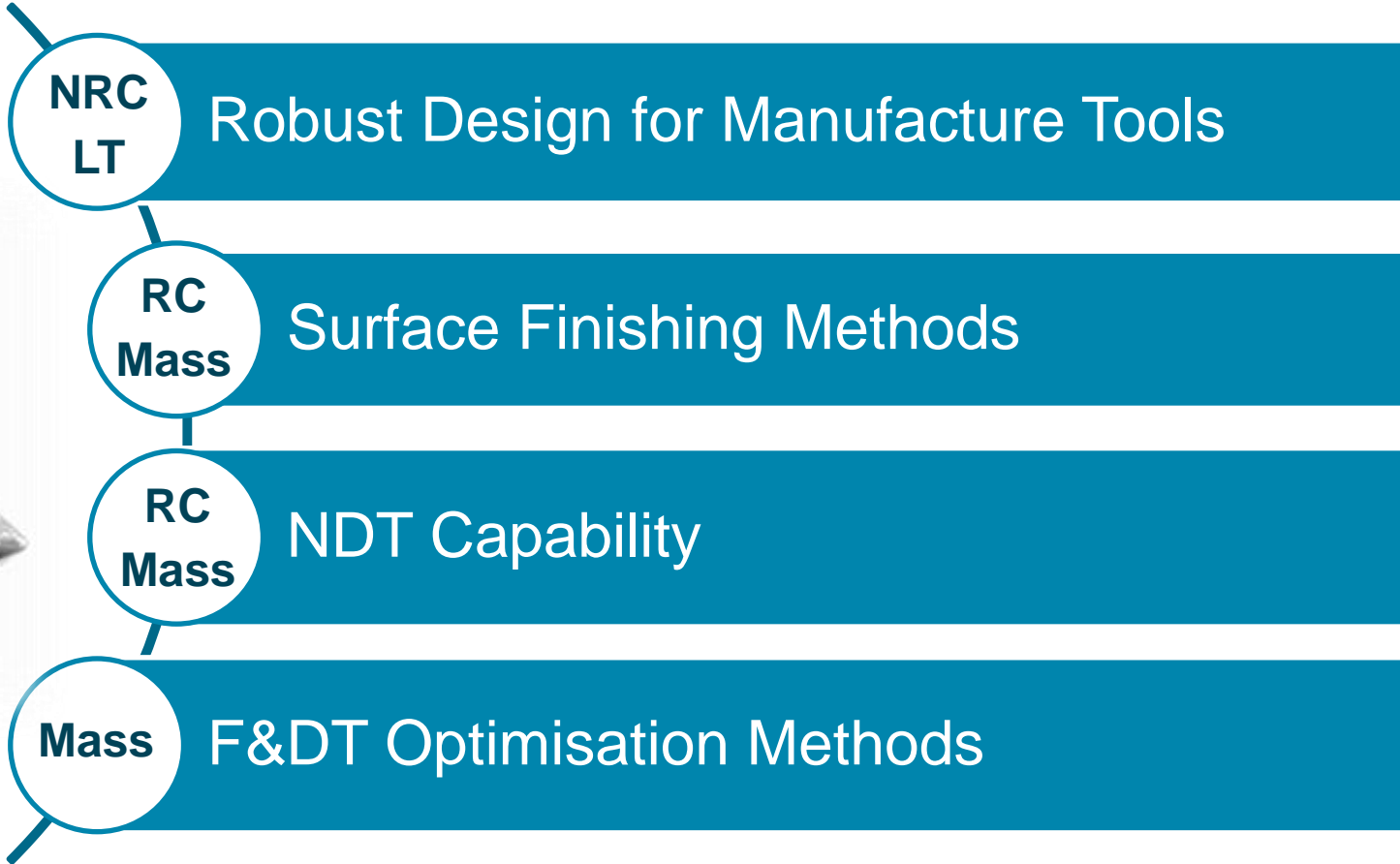


# Key Enablers for Agile Manufacturing





# Key Enablers for Optimised Parts



# Key Enablers for More Integrated Architecture



**Scope**  
RC

Process Scale, Resolution & Productivity

RC  
Mass

Intermediate Processing

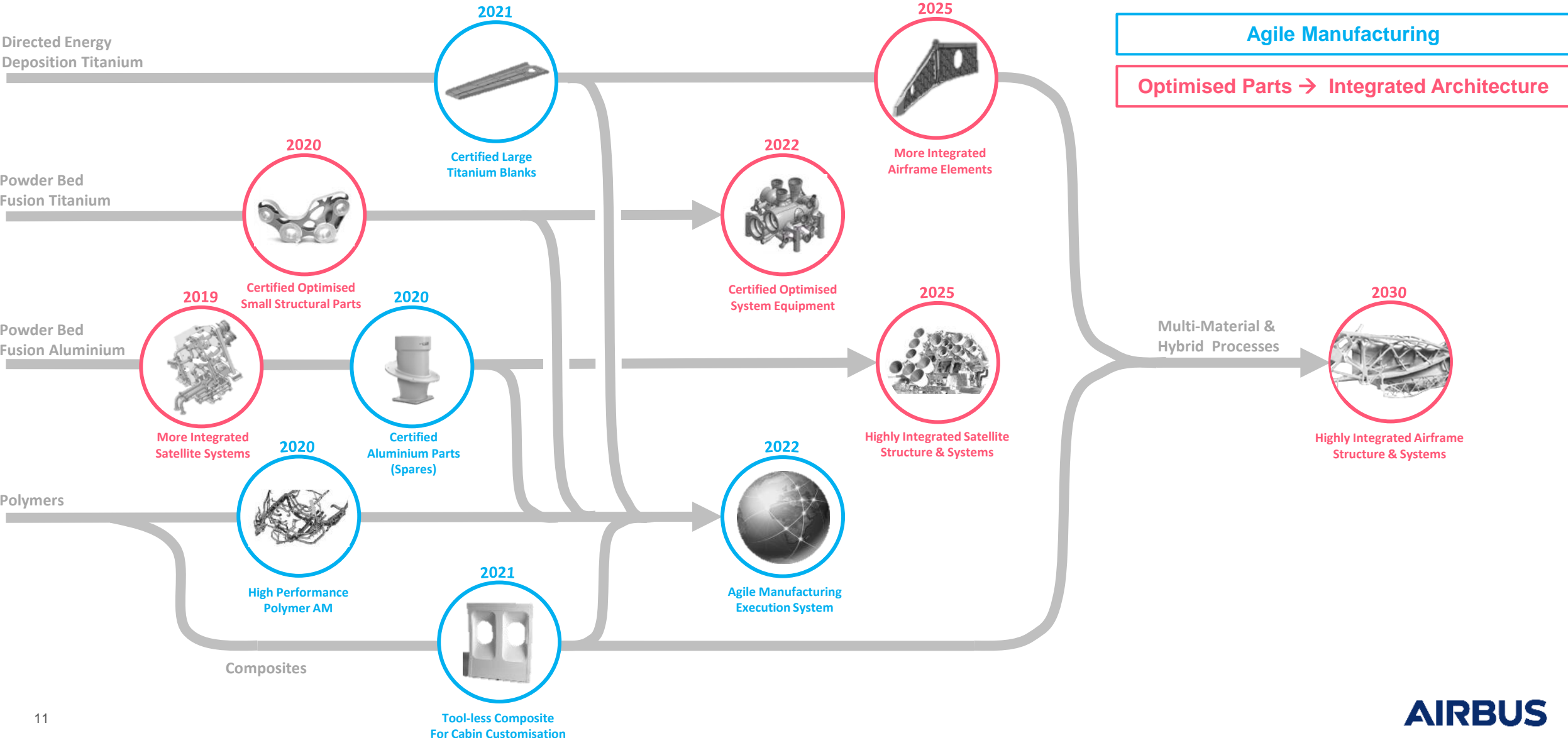
**Scope**

Large Complex Part NDT

**Scope**

Multi-material Processes

# High Level Roadmap – Additive Manufacturing Processes



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Thank you