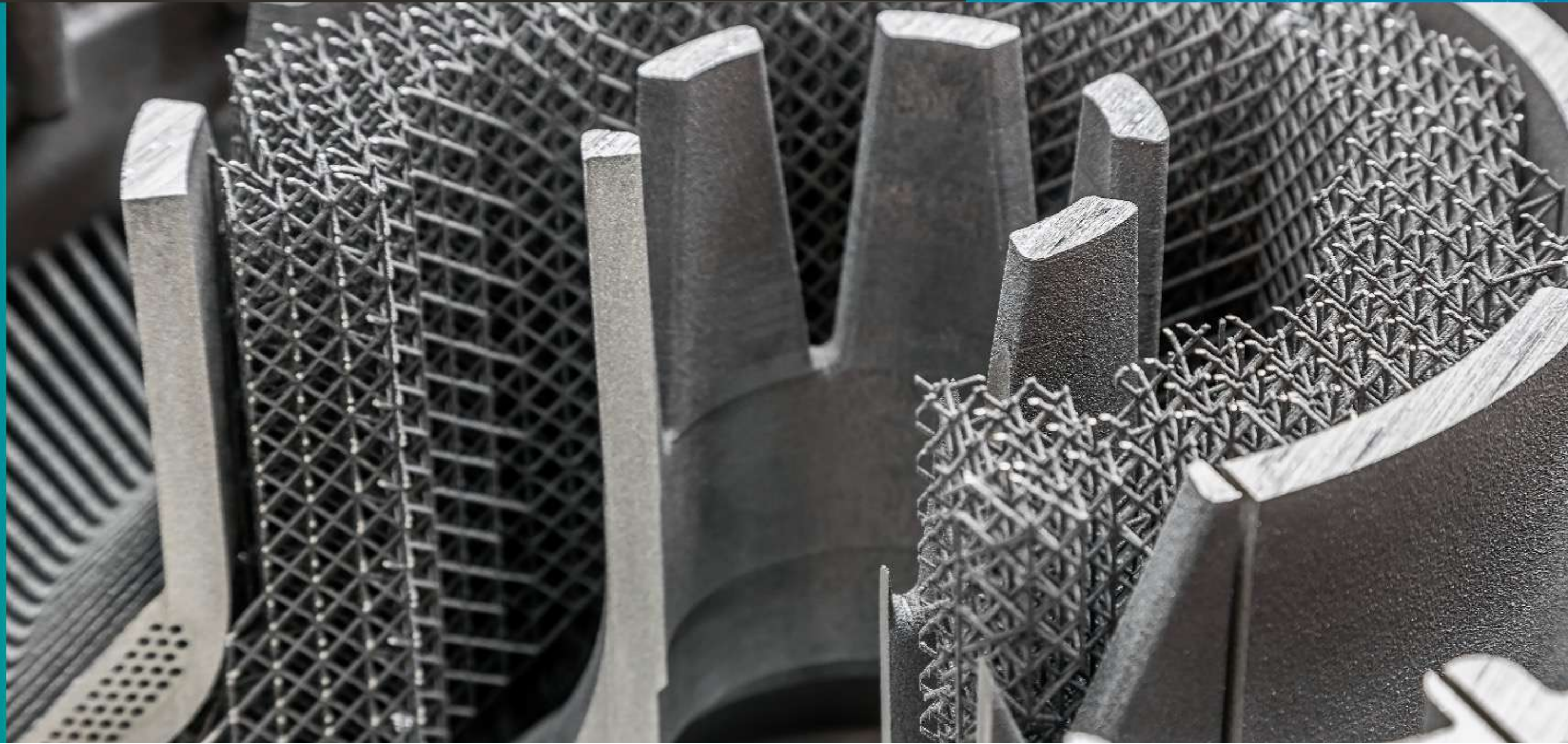




# ADD·ME

Additive Manufacturing Excellence



# History

1950

Turkey's first fabric marking machinery was patented.

1955

SKT was founded. Mass production of accumulator holders and creation of first oil seal.

1965

The first hydraulic press was launched.



1968

The Metal Form Company started production with 150 employees in Industrial Park.



1983

Coşkunöz Machinery and Tooling company started production.



1985

Cem Taşımacılık A.Ş. was founded.



1988

The Coşkunöz Education Foundation was founded.



2002

Magnetto Coşkunöz A.Ş. was founded.

2006

The Coşkunöz R&D Center was founded.



2007

Coşkunöz Savunma Havacılık A.Ş. (Eskişehir) was founded.

2010

Sınırsız Enerji A.Ş. was founded.



2014

Coşkunöz Alabuga LLC factory started production.



2018

MMK-Coşkunöz Alabuga Steel Service Center is opened with an official ceremony.



The Coşkunöz MA factory opens in Romania.

2020

UAVERA UAVERA Havacılık Sistemleri A.Ş. was founded.



2021

Cventures Corporate venture capital established.



2022

Coşkunöz Metal Form, has been accepted to the Turquality main program.



GETS-Coşkunöz Engineering & Technological Solutions was founded.



2022

ADDME was founded.



2023

Coolteam is brand established.

## Domestic



ADALCO SİGORTA  
ARACILIK HİZMETLERİ A.Ş.

COŞKUNÖZ  
SINIRSIZ ENERJİ A.Ş.

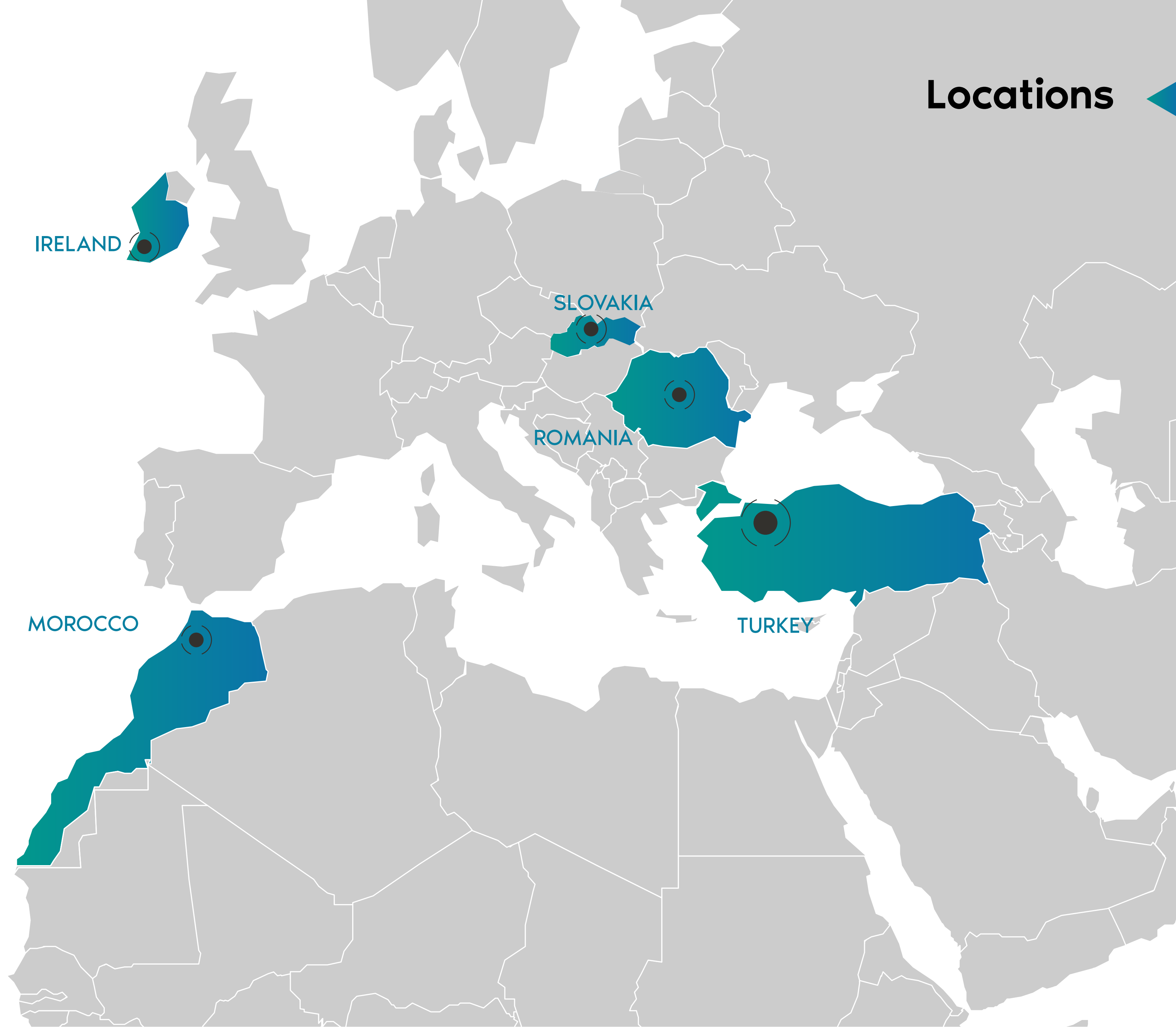
## Abroad



COŞKUNÖZ MA



## Locations





**3**

**SECTORS**



**11**

**COMPANIES**



**3.000**

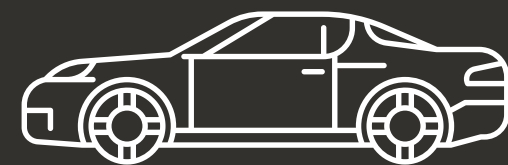
**EMPLOYEES**



**1**

**BILLION €**

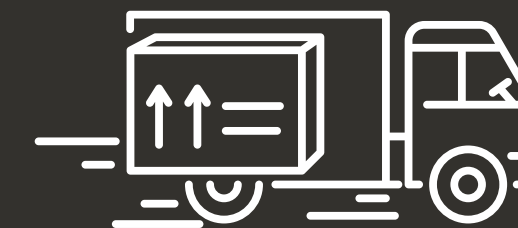
TARGETED TURNOVER FOR 2026



Automotive



Aerospace



Logistic

# What We Offer?

END TO END SOLUTIONS

ONE BUSINESS PACKAGE FOR ALL METAL AM METHODS

CERTIFIED SUPPLIER NETWORK

Automated Quotation System

Flexible Manufacturing Solutions

Quality Control System and Process Monitoring

Trainings, Application and Consultancy

# Competencies

Design for AM

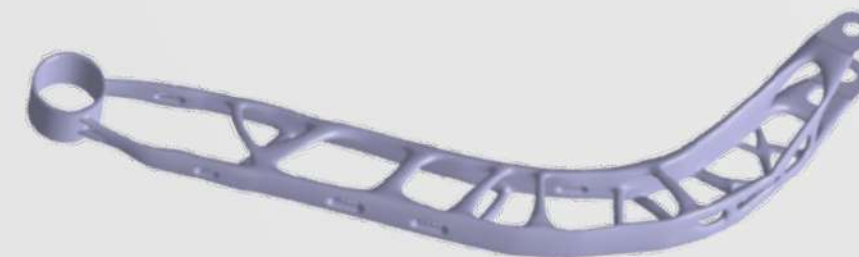
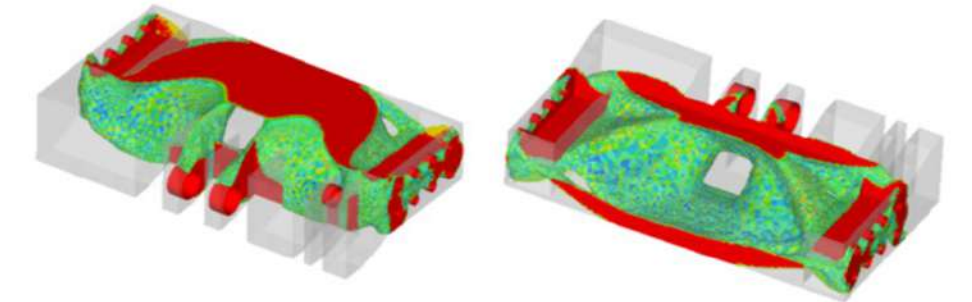
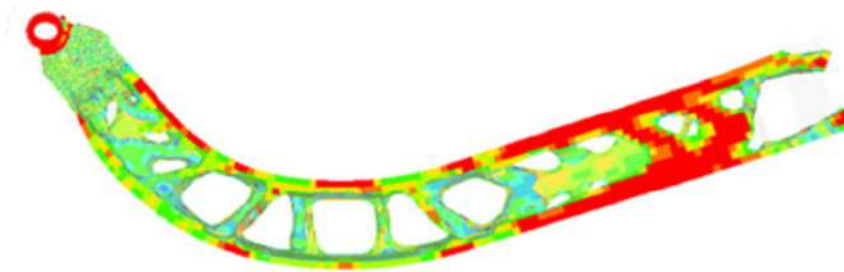
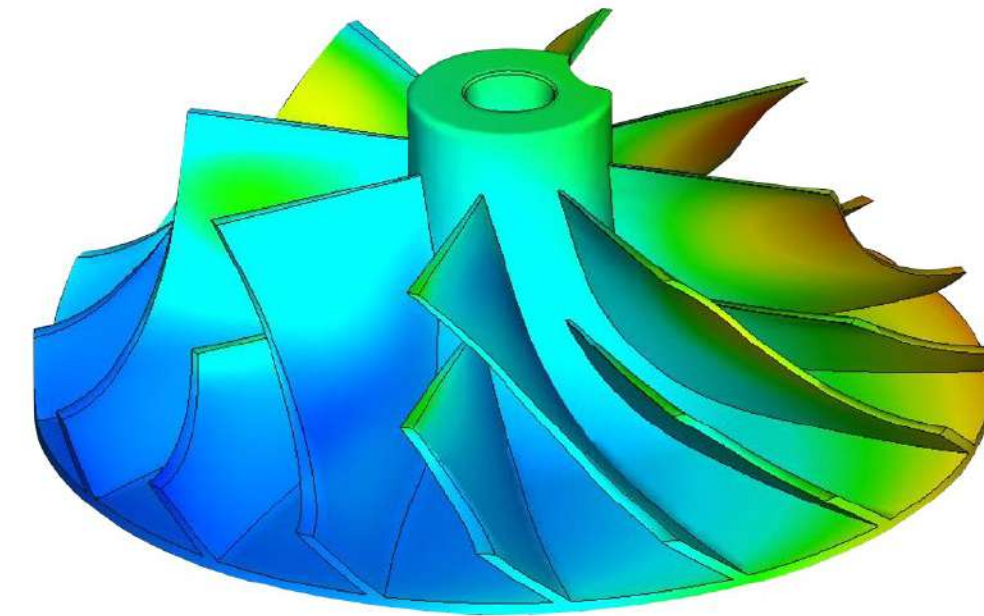
Process Simulations

Product Development

Additive Manufacturing Solutions

Post Processing

Trainings



# Powder Bed Fusion (PBF)

SLM Selective Laser Melting

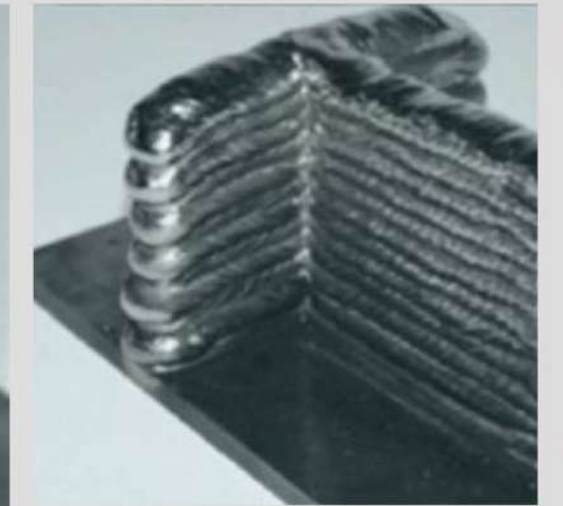


# Direct Energy Deposition (DED)

Laser Metal Deposition (LMD)



Wire Arc Additive Manufacturing (WAAM)



# Selective Laser Welding

## Manufacturing Materials

### Al-Based Alloys

- AlSi10Mg
- AlSi7Mg0.6

### Ni-Based Alloys

- HX
- IN625
- IN718
- IN939

### Fe-Based Alloys

- 316L (1.4404)
- 15-5PH (1.4545)
- 17-4PH (1.4542)
- 1.2709
- H13 (1.2344)
- Invar 36
- 1.4828

### Ti-Based Alloys

- Ti6Al4V ELI (Grade 23)
- TA15
- Ti (Grade2)

### Co-Based Alloys

- CoCr28Mo6
- SLM MediDent

### Cu-Based Alloys

- CuNi2SiCr
- CuCr1Zr

# Wire Arc Additive Manufacturing

## Manufacturing Materials

### ALUMINUM ALLOYS

- 2319
- 4043
- 5183
- 5356
- 5087

### STEEL ALLOYS

- ER70
- ER80
- ER90
- ER120

### INCONEL ALLOYS

- Inconel 625
- Inconel 718

### STAINLESS STEEL

- 316L
- 304L
- Duplex

### TITANIUM GRADES

- Grade 5
- Grade 23



# Post Process Technologies



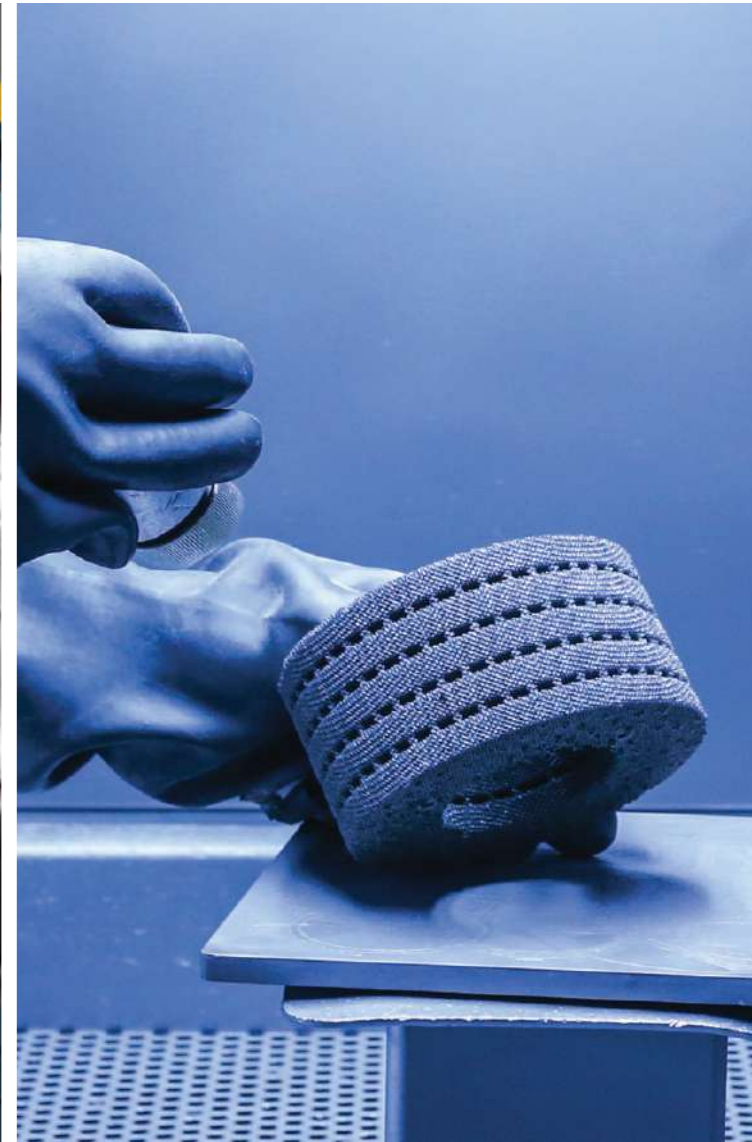
**Machining**



**Heat Treatment**



**Hot Isostatic Pressing (HIP)**



**Surface Treatment**

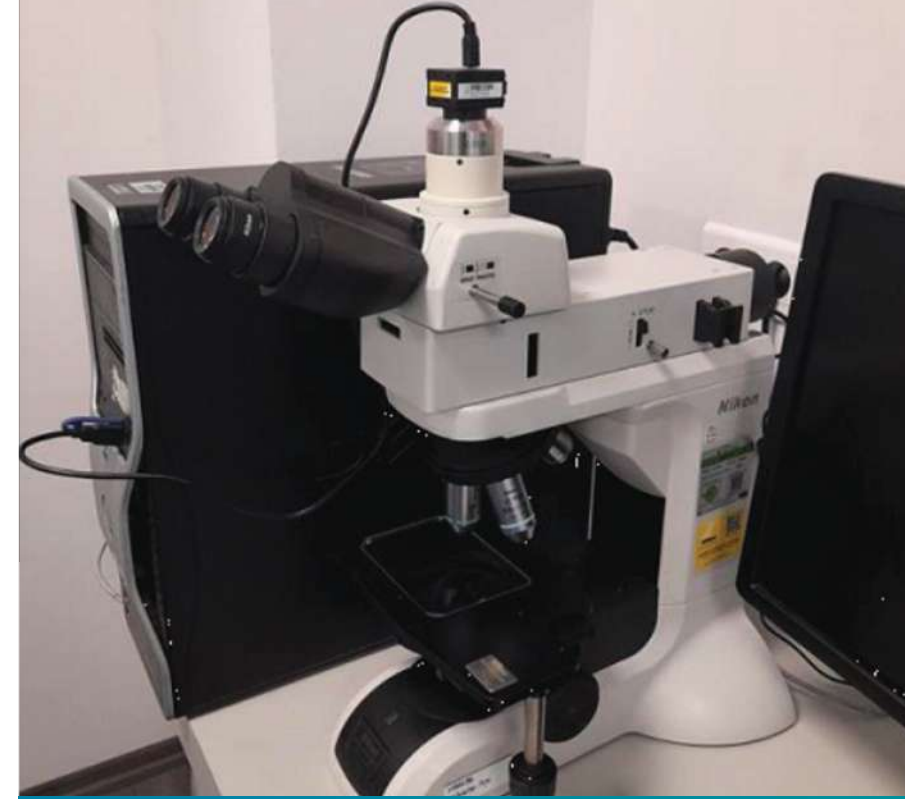


**Electrical Discharge Machining (EDM)**

# Quality Inspection



3D Scanning



Material Validation



# Engineering Services

Simulation & Analysis  
Computer Aided Design  
Benchmark  
Optimization

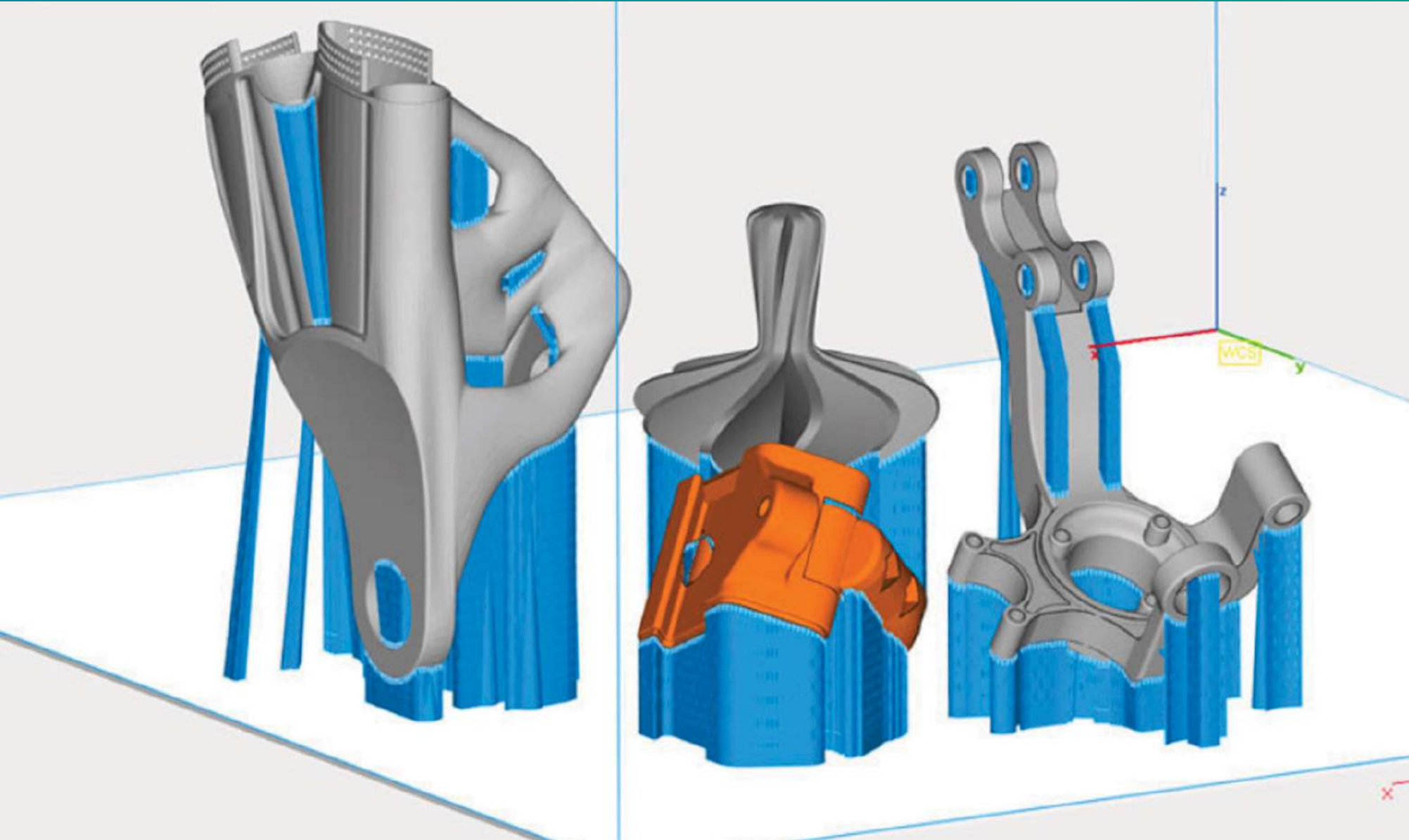
Test and Validation  
Reverse Engineering  
Prototype



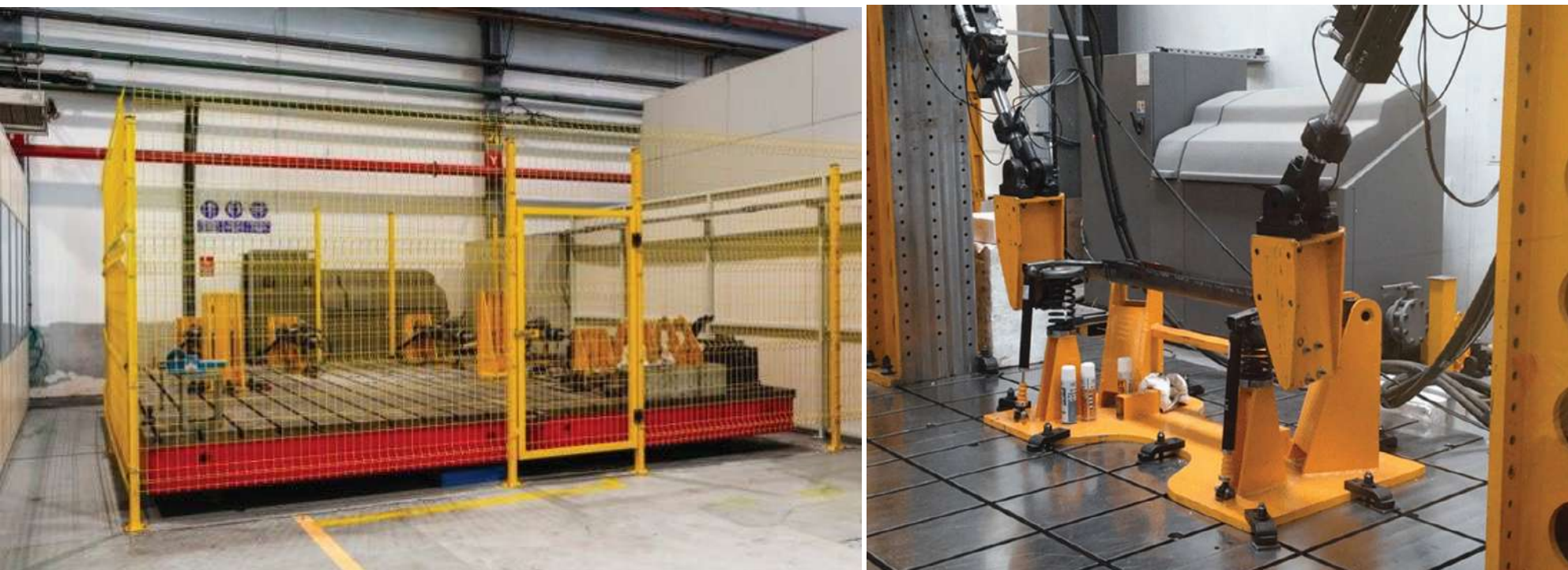
# Analysis Services

Linear & Non-Linear Structural  
 Composite & Rubber  
 Fatigue  
 Crash & Drop

Kinematic & Multibody Dynamics  
 NVH  
 Welding Optimization  
 & DOE



# Test Competencies



Sirius Hd 16x Stgs  
16 Channels



PIV TS10-240  
Electrodynamic Shaker



## Part Validation

- Component Based Tensile / Compression
  - Identification of Static Stiffness & Characterization
  - Multi Axial Fatigue
  - Durability
  - Block Cycle
  - Three Point Bending
  - Energy Absorption
  - Vibration & Shaker
- 
- 5 Actuators with 50 KN Load Capacity
  - Live Remote Display of Test Case Status Special
  - Equipment & Fixture Design Data Acquisition
  - System
  - Triaxial Test Opportunity

# Training Services



## 1 Engineering Trainings

- LMD Process
- Design for AM
- L-PBF Process
- WAAM Process

## 2 Operator Trainings

- L-PBF Laser Powder Bed Fusion
- WAAM Wire Arc Additive Manufacturing
- LMD Laser Metal Deposition

## 3 On Demand Trainings

## 4 Consultancy

- Design for Additive
- L-PBF Process
- WAAM Process
- LMD Process

# DFAM Diploma Program & Benefits

  
The First Ewf Accredited Educational Institution on AM In Turkey

Design Metal AM parts for PBF Processes



Additive Manufacturing Processes Overview

Simulation Analysis

Post Processing

  
Instructor Staff Consisting of Academicians

  
Opportunity to Experience 3D Printers

Simulation Execution

Design For Additive Manufacturing Diploma Program

Relevant principles of PBF Processes for Design

  
120 Engineers Were Trained

120 Hours

  
Access to the Global Network

## Partners





**ADD·ME**

Additive Manufacturing Excellence

[addme.com.tr](http://addme.com.tr)