

# Our Customers



Aeronautics



Oil & Gas



Metal Fabrication



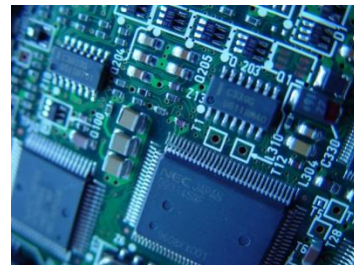
Automotive



Biotechnologies



Electronics



Tooling



Dental & Medical

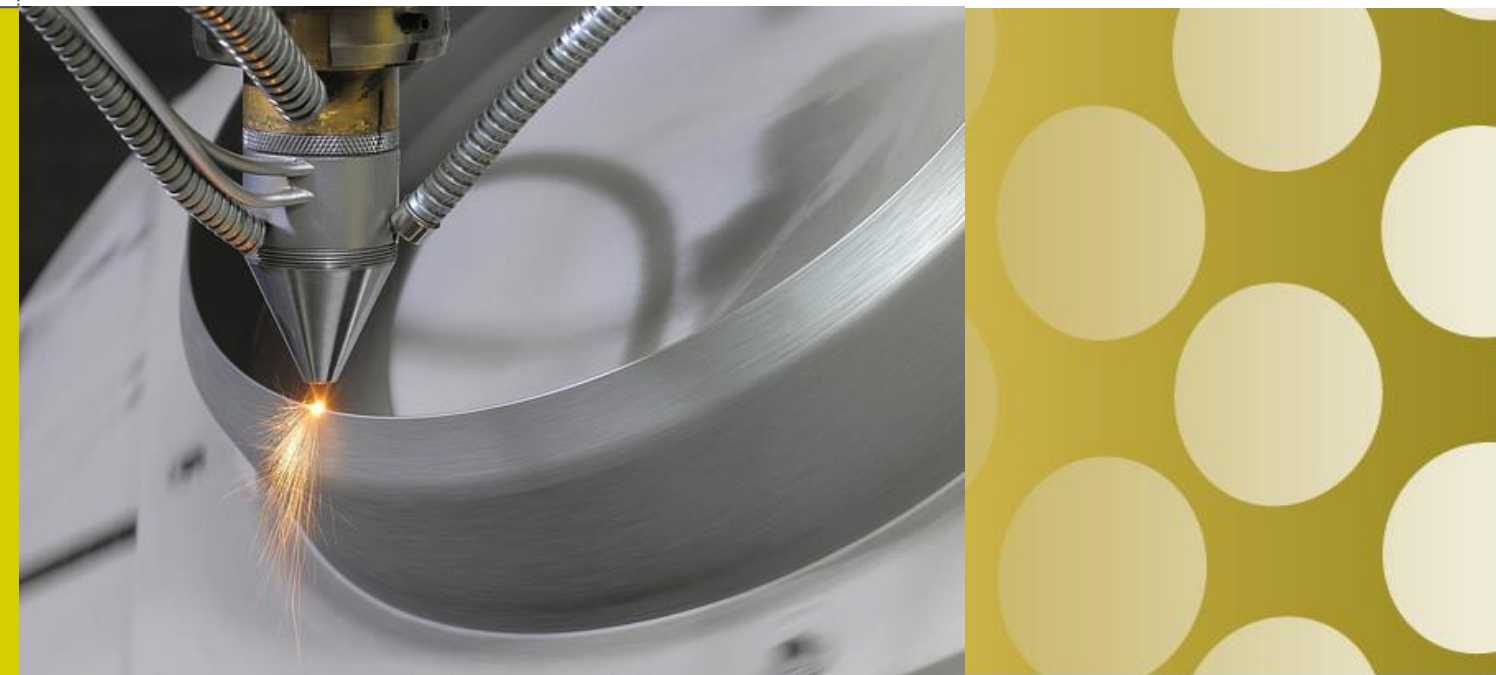


Plastics & Polymers

## Your contacts on Additive Manufacturing:

- **Romania** : Deniss Musetescu
- **Benelux** : Wim Velghe
- **Germany** : Markus Effinger
- **Italy** : Luci Miranda
- **Spain – Portugal** : Francisco Completo
- **France** : Anna-Maria Pubill-Melsió

# Additive Manufacturing







Air Liquide has prepared for you an **upgradeable offer**, which will follow you all along your adventure with Additive Manufacturing

- Plastics Manufacturing
- Metals Manufacturing
- Gas installation till the point of use
- Upgrade of your process performance
- Training on Gas Usage
- Maintenance of installations
- Management of Powders
- Telemetry

## The gas to be used in your Additive Manufacturing Process

Powder Bed Fusion	Direct Energy Deposition	Argon	➤ All materials
	SLS	Argon or Nitrogen	➤ Titanium, Nickel, other metallic alloys
	SLM	Argon or Nitrogen	➤ Plastics, steel, cobalt chromium
	EBM	Helium	➤ All materials

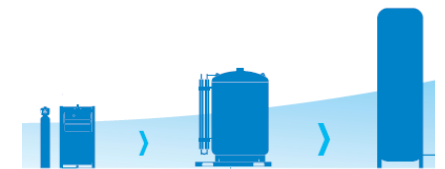
## Our gas offer adapted to your needs

		Number of printers	Main advantages	Nitrogen	Argon	Helium
<b>Packaged gases</b>		1 - 2	■ Quick implementation	✓	✓	✓
<b>Skid tank</b>		1 - 5	■ Easy installation ■ High flexibility	✓	✓	
<b>Large storage tank</b>		> 5	■ Increased autonomy	✓	✓	
<b>Generator (Nitrocrafter)</b>		1 - 3	■ Independent ■ Energy efficiency	✓		

## Our commitments towards our customers

- SAFETY**
  - Ensure the safety of installations and people
  - Training on gas usage
  - Advice on the most suitable detection equipment
- FLEXIBILITY & RELIABILITY**
  - Customer-tailored solutions
  - Quick and reactive answers
- EXPERTISE**
  - Powder inerting during transportation, use and storage
  - Dedicated engineering teams
  - Telemetry
  - Constant innovation

**Safety first**



## A few examples of our Services



Design and installation of piping networks



Safety installation at the entrance of a customer lab



ALIX Dry P, innovative solution for powder storage

