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

Your contacts on Additive Manufacturing:

- **Benelux**: Wim Velghe
- **France**: Anna-Maria Pubill Melsió
- **Germany**: Markus Effinger
- **Italy**: Luci Miranda
- **Spain – Portugal**: Francisco Completo
- **Finland, Sweden, Norway, Denmark**: Leif Flodman

http://www.airliquide.com

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The gas to be used in your Additive Manufacturing Process

<table>
<thead>
<tr>
<th>Powder Bed Fusion</th>
<th>Argon</th>
<th>All materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Energy Deposition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLS</td>
<td>Argon or Nitrogen</td>
<td>Titanium, Nickel, other metallic alloys, Plastics, steel, cobalt chromium, All materials</td>
</tr>
<tr>
<td>SLM</td>
<td>Helium</td>
<td>All materials</td>
</tr>
<tr>
<td>EBM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Our gas offer adapted to your needs

<table>
<thead>
<tr>
<th>Number of printers</th>
<th>Main advantages</th>
<th>Nitrogen</th>
<th>Argon</th>
<th>Helium</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Packaged gases</strong></td>
<td>1 - 2</td>
<td>Quick implementation</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Skid tank</strong></td>
<td>1 - 5</td>
<td>Easy installation, High flexibility</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Large storage tank</strong></td>
<td>&gt; 5</td>
<td>Increased autonomy</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Generator (Nitrocraft)</strong></td>
<td>1 - 3</td>
<td>Independent, Energy efficiency</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Our commitments towards our customers

1. **SAFETY**
   - Ensure the safety of installations and people
   - Training on gas usage
   - Advice on the most suitable detection equipment

2. **FLEXIBILITY & RELIABILITY**
   - Customer-tailored solutions
   - Quick and reactive answers

3. **EXPERTISE**
   - Powder inerting during transportation, use and storage
   - Dedicated engineering teams
   - Telemetry
   - Constant innovation

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

Air Liquide is culturally driven towards the accompanying of its customers. Our sales teams are available to discuss your current needs but also your growth ambitions. Our solutions are flexible and adaptable, to follow your company and you through every step of your adventure in Additive Manufacturing.