PORTUGUESE PRODUCTION TECHNOLOGIES CLUSTER:

ADVANCED MANUFACTURING TECHNOLOGIES FROM PORTUGAL
A KEY CENTRAL ROLE IS RESERVED TO THE PRODUCTION TECHNOLOGIES INDUSTRY
POSITIONING OF THE PRODUCTION TECHNOLOGIES INDUSTRY

**Inputs:**
- Base materials
- Rubber products
- Metal products
- Metal Molds
- Electrical equipment
- Eletronic equipment
- Informatic equipment
- Other KETS

**Core:**
- Equipment and Machine Producers
- Systems’ Integrators/Engineering
- Software Houses
- Consulting
- Financing services
- Transportation/Logistics
- Energy

**Support:**
- Science and Technology Infrastructures

**Customers:**
- Trade of machines and equipments
- Setup of machines and equipments
- Repair and maintenance of machines and equipments
- Agriculture, livestock, fruit and vegetables
- Extractive industries
- Manufacturing industries
- Utilities
- Construction
PRODUTECH – PRODUCTION TECHNOLOGIES CLUSTER
Industry-led Production Technologies Cluster, horizontal to the several manufacturing sectors, gathering:
- Production technologies companies and technology suppliers;
- Universities, RTDs and Training institutions with solid tradition in cooperating with the industry;
- Industrial champions and SMEs from user manufacturing sectors.
KEY FIGURES | Portuguese Production Technologies Industry

1.572 Companies* | 25.467 Employees* | 2.806 M€ Turnover * | 2.364 M€ Exports *
(*only machines & equipment 2019)

Main Export Markets (only Machines & Equipment) | 2020

<table>
<thead>
<tr>
<th>Country</th>
<th>Export Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain</td>
<td>24%</td>
</tr>
<tr>
<td>Germany</td>
<td>22%</td>
</tr>
<tr>
<td>France</td>
<td>9%</td>
</tr>
<tr>
<td>UK</td>
<td>6%</td>
</tr>
<tr>
<td>USA</td>
<td>3%</td>
</tr>
<tr>
<td>Angola</td>
<td>4%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>2%</td>
</tr>
<tr>
<td>Italy</td>
<td>2%</td>
</tr>
<tr>
<td>Others</td>
<td>28%</td>
</tr>
</tbody>
</table>

Export Markets with higher growth | 2009 - 2016

- Germany
- Mexico
- Turkey
- Russia
- Austria
- Italy
- China
- Japan

PT production technology industry vs. EU average

- Average Dimension
- Investment Rate
- Adjusted Productivity
- Gross Operating Margin
- GVA in production Value
GLOBAL, RESILIENT & RELIABLE SUPPLIERS PROVIDING ADVANCED, CUSTOMIZED AND TURN-KEY INDUSTRIAL SOLUTIONS

For full list of PRODUTECH associates, and notably from the Production Technologies Industry please consult: http://www.produtech.org/about-us/associates
Trusted by global brands and industrial value chains in the delivery of the ADVANCED PRODUCTION CAPACITIES that support their AGILITY, COMPETITIVENESS, SUSTAINABILITY & RESILIENCE.
PRODUCTION TECHNOLOGIES FROM PORTUGAL

- Equipping the actual Factories for the Future - world wide

THANK YOU

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