PROJECT ACRONYM AND TITLE: MAKERS - Smart Manufacturing for EU Growth and Prosperity

FUNDING PROGRAMME: HORIZON 2020

CALL: H2020-MSCA-RISE-2015

SCIENTIFIC FIELD: Economic geography, Manufacturing

HOST DEPARTMENT/CENTRE: Department of Economics

SCIENTIFIC RESPONSIBLE: Mario Volpe

FINANCIAL DATA:

<table>
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<tr>
<th>Project total costs</th>
<th>Overall funding assigned to UNIVE</th>
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<tr>
<td>€ 1.057.500,00</td>
<td>€ 126.000,00</td>
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ABSTRACT:

MAKERS will bring together leaders from business, academia and policy to study issues related to the drivers and dynamics of sustaining the competitiveness of EU manufacturing sectors. The project’s innovative research, training and mobility activities will address key concerns related to the historic opportunity for the EU to lead a manufacturing renaissance that not only upgrades existing manufacturing competences but, more importantly, develops new technological capabilities across EU regions to support regional industrial resilience for more distributed and sustainable socio-economic growth and prosperity. MAKERS will create a multi-stakeholder platform to discuss the current understanding of issues related to manufacturing renaissance, including (1) the role of small, medium and large manufacturing firms and local production systems plugged into local-global value chains; (2) what are the drivers and processes for innovation, technological capabilities and technology transfer from research intuitions to firms; (3) trends in reshoring and nearshoring and the potentials for reindustrialisation and shorter value chains; (4) the impact of the socio-economic-environmental sustainability agenda on EU competitiveness; (5) skills requirements and training; and finally (6) how policy can ensure the competitiveness of EU manufacturing sectors for more distributed and sustainable socio-economic growth and prosperity. MAKERS’ training programme comprises: 1) annual summer schools that will cover the breadth of the issues above and address methodological requirements; 2) work package-specific Business/Academia/Policy (BAP) workshops; 3) dissemination activities within the network in conjunction with mobility, such as presentations at faculty seminar series, and doctoral level guest lectures; 4) dissemination activities at events outside the network, such as presentations at international conferences, policy fora and multi-media engagement.
<table>
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<tr>
<th>Planned Start Date</th>
<th>Planned End Date</th>
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<td>1st January 2016</td>
<td>31st December 2019</td>
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**PARTNERSHIP:**

1. The University of Birmingham  
   Birmingham (UK)  
   Coordinator
2. Università Ca' Foscari Venezia  
   Venice (IT)  
   Partner
3. Aston University  
   Birmingham (UK)  
   Partner
4. Fondazione per la ricerca e l’innovazione  
   Florence (IT)  
   Partner
5. Universidad de Granada  
   Granada (E)  
   Partner
6. Center for Innovation, research and competences in the learning economy at Lund University  
   Lund (S)  
   Partner
7. University of Montpellier  
   Montpellier (F)  
   Partner
8. Hochschule Karlsruhe Technik und Wirtschaft  
   Karlsruhe (D)  
   Partner
9. Unione regionale delle Camere di Commercio, Industria, Artigianato e Agricoltura  
   Marghera Venezia (IT)  
   Partner

**PARTICIPATING ORGANIZATIONS:**

1. National University of Singapore  
   Singapore (J)  
   Partner
2. University of California, San Diego  
   San Diego (US)  
   Partner
3. Cornell University  
   Ithaca NY (US)  
   Partner
4. Centre for European Policy Studies  
   Bruxelles (B)  
   Partner
5. Steinbeis Transferzentren GmbH an der Hochschule Karlsruhe  
   Karlsruhe (D)  
   Partner
6. VERKET FÖR INNOVATIONSSYSTEM  
   Stockholm (S)  
   Partner
7. Université De Neuchatel  
   Neuchatel (CH)  
   Partner
8. Galdon Software  
   Pulianas (Granada) (E)  
   Partner
   Leicester (UK)  
   Partner

**COLLABORATING ORGANIZATIONS:**

1. The Cluster Observatory @ Stockholm School of Economics  
   Sweden  
   Partner
2. Centre for Processing Innovation  
   United Kingdom  
   Partner
3. BASIC  
   France  
   Partner
4. Manufacturing Advisory Service  
   United Kingdom  
   Partner
5. Aluminium Federation Industry Association  
   United Kingdom  
   Partner
6. Engineering Companies Trade Association  
   United Kingdom  
   Partner