Decentralised Agile Coordination Across Supply Chains

**Informazioni relative al progetto**

**DIGICOR**

ID dell’accordo di sovvenzione: 723336

Sito web del progetto

Stato:
Progetto concluso

Data di avvio: 1 Ottobre 2016
Data di completamento: 30 Settembre 2019

Finanziato da:
H2020-EU.2.1.1.

Bilancio complessivo:
€ 7 993 818,75

Contributo UE:
€ 7 993 818,75

**Coordinato da:**
AIRBUS DEFENCE AND SPACE GMBH

**Obiettivo**

European manufacturing competes in a global knowledge-driven economy, and thus increasingly seeks competitive advantage through quality, agility and personalisation based on latest advances in IT. Increasing utilisation of IT in mission-critical elements of the production brings opportunities for consistency, transparency and flexibility, bringing the “lot size of 1” closer to reality even for mass-production industries. Most relevant to achieve the expected increase of production performance for highly customized products is to master the complexity of the supply chain and logistics in the global production networks. Ad-hoc collaboration and setup of production coalitions with a wide spectrum of suppliers and service providers is necessary to answer the customization wishes of customers for their individual products in short time, high quality, and at affordable costs. Innovations from small high-tech companies requested by customers have to be integrated into the traditional industrial processes using novel organisational concepts and setups.

DIGICOR will address the development of a collaboration platform, tools, and services for the setup and coordination of production networks and in particular the integration of non-traditional, small, yet innovative companies (SMEs) and logistics providers into the supply chain of large manufacturers (OEMs). The solution is based on an open platform integrating tools and services and implementing case specific governance rules and procedures for collaboration, knowledge protection, and security. The open platform will provide services creating a marketplace for the collaboration partners, for planning and control of the collaborative production and the logistics and risk management. It will be open to third parties to add
services for advanced analytics, simulation, or optimization etc. The platform will provide seamless connectivity to the automation solutions, smart objects, and real-time data sources across the network.

**Campo scientifico**

/scienze sociali/sociologia/governance

/social sciences/sociology/governance/public services

**Programma(i)**

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

**Argomento(i)**

FOF-11-2016 - Digital automation

**Invito a presentare proposte**

H2020-FOF-2016

Vedi altri progetti per questo bando

**Meccanismo di finanziamento**

RIA - Research and Innovation action

**Coordinatore**

AIRBUS DEFENCE AND SPACE GMBH

Indirizzo

Willy-Messerschmitt-Strasse 1
82024 Taufkirchen

Germania

Tipo di attività

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contributo UE

€ 1 147 956,25

Sito web

Contatta l'organizzazione

**Partecipanti** (10)
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Ultimo aggiornamento: 13 Gennaio 2020

Numero di registrazione: 205572