MANUSQUARE

MANUfacturing eco**S**ystem of **QUA**lified **R**esources **E**xchange

THE MANUSQUARE SOLUTION |

MANUSQUARE Project aims to create a platform-enabled marketplace that brings available manufacturing capacity as well as tangible and intangible resources, closer to innovation and production demand. It will bring to life the competences, tools, technologies and services, enabling the establishment of dynamic value networks, capable of being re-arranged, on-demand, to cope with the needs of both those that are seeking for innovation and specific manufacturing capacities and those who have theirs available. Cross-sectorial ecosystems that will be generated by the platform will create the environment for sharing ideas, competences and resources and establish new synergies and business models with the final objective of satisfying the market expectations, in terms of innovation and quality of the products.

One of the objectives of MANUSQUARE is to generate an open innovation environment for supporting cross-sectorial contamination and cross-competence interaction between the different actors of the ecosystem. The aim is to establish unexplored connections between actors that could cooperate in the ideation and realisation of innovative products, enabling circulation of ideas, technologies and resources across sectors, supporting the co-design of market-fitting items. New processes and services (including the Idea Manager tool) will be delivered to support the Open Innovation in MANUSQUARE ecosystem.

INDUSTRIAL CHALLENGES |

Market dynamics, in contrast to installed capacities and capabilities, are by nature in continuous change and characterized by fluctuations. Companies' ability to address to market opportunities is often limited by installed capacity and to their ability to pull and integrate available resources and capabilities from their ecosystem.

Investment cycles and the associated rigidity of in-house installed capacities and capabilities if, on the one hand, may impose the inability to respond to market opportunities, may well, on the other hand, render situations of unoptimized monetization of investments, via the inability to dynamically allocate unused capacities, by-products and capabilities

PROJECT OBJECTIVE |

To deploy a European Platform enabled marketplace fostering a dynamic establishment of value networks, enabling the ideation of innovative products and the matching of the availability and demand of manufacturing capacities. MANUSQUARE will support Industry's optimal utilization of unused tangible and intangible assets that would be otherwise remain unutilized or not fully exploited.

BENEFITS & ADVANTAGES |

The project aims, therefore, the creation of a B2B ecosystem with safe data transactions and highly traceable supply networks, that will support:

- *A sustainable matching between supply and demand of manufacturing capacity, knowledge, technologies and byproducts;*
- *The access to unexploited market opportunities*
- *The cooperation for ideation of innovative products, based on by-products and new technologies and competences*
- *The full exploitation of local capacities, complementarities and (unused) potential;*
- *The dynamic integration of companies in new value networks*

MORE INFORMATION |

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Project Number: 761145
Start Date: 01.01.2018
Duration: 36 Months
Investment: 3.956.188,75 Euros
EC Funding: 3.956.188,75 Euros

CONSORTIUM |

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CONTACTS |

Andrea BETTONI
SUPSI – Scuola Universitaria Professionale della Svizzera Italiana
andrea.bettoni@supsi.ch
+41 (0)58 666 65 66

WEBSITE |

www.manusquare.eu

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DISCLAIMER |

The herewith information reflects only the author's view. The European Commission is not responsible for any use that may be made of the information herewith included.

idea MANAGER

Lead Ideas to Success

Idea Manager is a software tool to support Open Innovation.

MANUSQUARE

Thanks to Idea Manager you can:

- **Involve more interlocutors with different functions and different skills;**
- **Encourage collaboration between individuals inside and outside the company, to increase product innovation and gather new ideas;**
- **Propose, vote and comments ideas coming from other community's users;**
- **Share information with decision makers and evaluate the best ones to reach prototypes;**
- **Monitor ideas, manage visibility;**
- **Track collected information;**
- **Create a concept from a challenge.**

THE PROCESS |

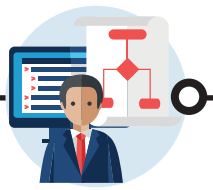
The process here below shows the Idea Manager operation and how an innovation manager could reach a concept, starting from a challenge and a reception of ideas.

Mario Bross Company (MBC) has a need and it asks support to the **Manu-Square** community

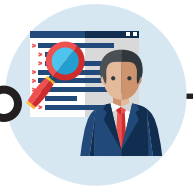
Mario Bross, the Innovation manager of MBC, creates a challenge on **Idea Manager**

Manu-Square platform sends notification to all interested users

Mario Bross, becomes the moderator of his challenge

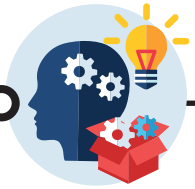


Mario Bross decides the degree of visibility of his challenge: only **Manu-square** users? Manu-square and **Idea Manager** users?

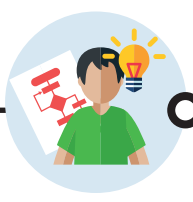


Mario Bross could create surveys and questionnaires to receive more feedbacks to evaluate ideas

Ideas could receive: like, dislike and comments from the community

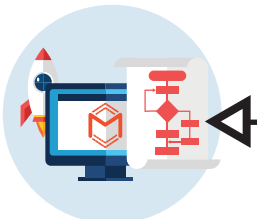


Users on **Idea Manager** could submit ideas to solve the challenge of Mario Bross



Thanks to feedbacks and comments from the community, Mario Bross selects ideas that are more well promising

Mario Bross contacts ideas' owners and together they could elaborate a new concept



Concept is trasmitted and saved in **Manu-Square** platform

ABOUT HOLONIX |

Since Holonix Srl was born, the main target is to partecipate, in partnership with prestigious leaders of various sectors, in international research projects where are experienced the crucial aspects of technological and methodological innovation.

Holonix has the ability to derive from innovation projects IoT products and solutions to be used in industrial applications with ease by SMEs.

With these competences Holonix is available to support companies, with ad hoc tailor made activities, in their practical innovation initiatives.

CONTACTS |

HOLONIX S.R.L.
Corso Italia 8 20821 Meda (MB) ITALY
+39 0362 1582033
+39 0362 1582029
research@holonix.it

WEBSITE |

www.holonix.it
www.idea-manager.it

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