



OpenMaker

Call for Expression of Interest for the appointment of the OpenMaker Advisory Board

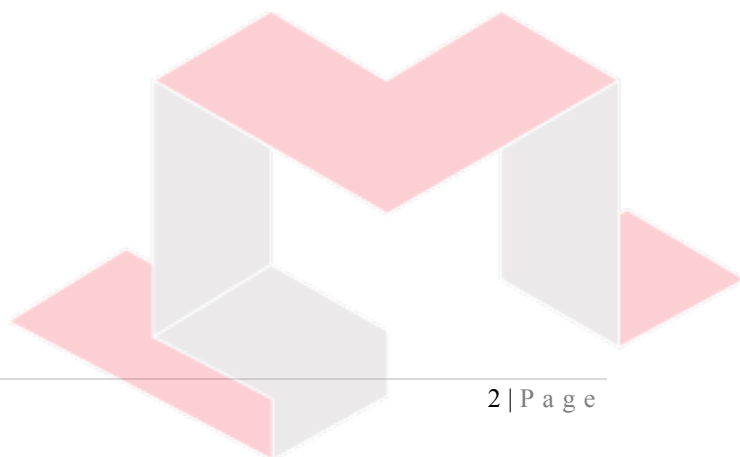
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Project Acronym	OpenMaker
Project Full Title	Harnessing the power of Digital Social Platforms to shake up makers and manufacturing entrepreneurs towards a European Open Manufacturing ecosystem



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DISCLAIMER

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1. PURPOSE OF THIS DOCUMENT

The Call for Expression of Interest defines all aspects (role specifications, requirements, commitments, terms and conditions) related to the work of the OpenMaker project Advisory Board as well as the selection process to become a member of it.

2. OPENMAKER BACKGROUND

The European manufacturing landscape is in urgent need of change. In 2014, manufacturing represented about 16% of the EU GDP, more than 80% of EU total exports, 80% of private Research & Development expenditure, and employed 30 million people. However, the financial crisis has heavily hit the sector, combining its negative effect with ongoing globalisation and technological innovation negative externalities. Together these factors have culminated in the loss of over 3.8 million jobs. Reinvigorating the manufacturing sector is a complex task that requires transformation at the heart of production processes and models upon which our industrial society has been built. Inroads in generating this scale of shift in manufacturing have been made in areas conducive to open technologies in the fields of digital fabrication and craftsmanship – where the manufacturing sector has come into contact with the emerging social-technology based **Maker movement**, innovation and growth emerges. This drives the democratisation of production, turning manufacturing into a participatory, collaborative, and open process in which all agents share risks and benefits and, ultimately, increase the value of production.

OpenMaker objectives

The OpenMaker project aims to create a transformational and collaborative ecosystem that fosters collective innovations within the European manufacturing sector and drives it towards more sustainable business models, production processes, products, and governance systems. Building on the paradigm of Open Manufacturing, the project will achieve this goal by bringing together traditional manufacturers and digital-savvy makers, and engaging in the process all the relevant stakeholders such as citizens, universities, local authorities, civil society organisations and policy-makers. Leveraging on ICT-powered processes, OpenMaker will enable the creation of an environment

where trust in business partners and engagement in common values drive the innovation process towards more sustainable products.

OpenMaker activities

- a. The OpenMaker consortium will run an **accelerator programme** in four European cities (Florence, Birmingham/Liverpool/Wolverhampton area, Bratislava and Bilbao) by establishing a '**Local Enabling Space**' (LES) in each city. Within each LES, the **Enablers** are dedicated human resources with sound community management skills. Enablers will deploy active methods for community building and engagement, primarily targeting traditional manufacturers and makers, as well as citizens and stakeholders. The Enabling Programme will ensure the successful establishment of partnerships and cooperation between traditional manufactures and makers. The Enabling Programme will implement a range of actions for community and partnership building, including:
 - Mapping of target groups;
 - Establishment of Local Enabling Spaces (LES) where makers, innovators, traditional manufacturing entrepreneurs as well as citizens and stakeholders are encouraged to work locally;
 - A total of at least 40 thematic local innovation workshops (presentations, learning by doing workshops, training sessions, open discussion, etc.) organized in LES and connected LES;
 - Launching a Piloting Support Scheme in the form of an Open Call which will make EUR 400,000 available to fund 20 projects that bring together traditional manufacturers and makers in the LES.

- b. The **OpenMaker Digital Social Platform** (SM-DSP) will provide OpenMaker participants with a digital environment to stay engaged (online), thereby supporting participants to better develop their social capital and increase their social impact in terms of innovation, knowledge transfer, and business success. The SM-DSP will build on members' concrete needs and values and bring them together in a community-building process, multiplying the innovation potential of each accelerator programme thanks to a novel approach to social platforms based on notions of shared values and

trust-based networks. The platform will 1) enhance the quantity and quality of social interactions and trust relations among members across different accelerator programmes and with the wider global community of makers and manufacturers; and 2) monitor the evolution of the communities and feedback the network metrics of social impact and innovation success to their members.

- c. The Consortium will make **policy recommendations** that promote open manufacturing across geographical and socio-economic borders.
- d. Institutional and political interest in the potential for open manufacturing will be raised by communicating and extrapolating more general conclusions to define successful strategies and digital tools to scale-up communities oriented towards social innovation in the manufacturing sector and replicating it, and thus making the entire project sustainable in the long term.

3. THE ROLE OF AN ADVISORY BOARD

The Advisory Board will be an independent group composed by external experts that will add value to the project by acting as:

- **High level advisors** by providing recommendations on OpenMaker developments or innovations and by participating in the Project Board meetings to discuss exploitation approaches and best practices;
- **Active observers** by notifying new initiatives and making suggestions related to the project's activities, communities and network;
- **Project ambassadors** by sharing information about project's activities and outcomes, with their networks or during relevant events thus multiplying the project's dissemination efforts; and
- **Jury member** by selecting the 20 projects to be funded under the Piloting Support Scheme (each appointed member of the Advisory Board will have to assess up to 5 projects).

4. REQUIREMENTS

A board member shall be able to demonstrate:

- A proven track record of experience related to open innovation, supported either by practical experience or research activities;
- Good working knowledge of one of the key sectors related to OpenMaker (i.e. Open manufacturing, business ecosystems, value-driven innovation, sharing economy, social innovation, policy-making);
- An extensive network of contacts operating in the Open Industry 4.0;
- A good command of IT tools; and
- A good knowledge of English.

5. COMMITMENT OF TIME

OpenMaker wishes to interfere minimally with the Advisory Board members daily responsibilities and the foreseen work load will be limited. Nevertheless this participation can be intensified if there is particular interest of Advisory Board members on specific aspects, areas or concepts of the project.

The work with the Advisory Board will be coordinated under the guidelines of the OpenMaker Project Board. The Project Board will decide what information will be shared with the Advisory Board and how to collect their feedback.

The Advisory Board members are expected to meet once a year. After each meeting, a report with all conclusions, including observations on project results, recommendations for research and on actions for impact creation, among others will be written by the Secretary Board, who will make sure that the conclusions of the Advisory Board are adequately taken into consideration by the Project Board in the decision making process during the project. Yet, the project board reserves the right to take the decisions and it is solely responsible for them.

The responsibilities of the Advisory Board members are as follows:

- a) Attendance to the yearly Project Board meeting – up to two hours/meeting;
- b) Preparation for the yearly Project Board meeting – up to two hours/meeting getting up to speed with all project documents;

[a) + b) = 1 working day, including half day travelling to the meeting venue * 2 Project Board meetings]

c) Assessment of the applications received under an open call that will be launched during the 3rd trimester of 2017.

[c) = 1 working day in Oct. / Nov. 2017, date to be confirmed]

d) Occasional presentations of the OpenMaker project in events, workshops and other activities. Advisory Board will be requested to participate at these events on a voluntary basis. Travel and accommodation may be reimbursed, subject to the approval of the Project Coordinator.

6. TERM AND CONDITIONS

The Advisory Board will be composed of eight experts and its members will be appointed for a term of 10 months, commencing 1st of September 2017 until the end of the project (19th June 2018). Please note that availability of the members of the Advisory Board is requested in case of project's extension. OpenMaker may apply for an extension of up to six months.

Travel and subsistence expenses will be reimbursed according to the rates mentioned below and on the basis of scanned copy of the original supporting documents (e.g.: invoices, tickets, printout of the electronic reservation). Rates are as follows:

- Up to EUR 250 for air travels
- Up to EUR 100 for meals and local travel (train, bus and/or taxi)
- Up to EUR 150 for an overnight stay away if required

A fixed fee of EUR 400 per working day will be offered, if the expert so requires when submitting his/her expression of interest. The indicative number of working days is three, as indicated in section 5 of this document. A working day is considered to be 1 working day of the selected expert, where the normal work time for 1 day respects the law and regulations in force in the country where the services are to be performed. Hours worked beyond normal daily work time shall not be payable.

The fee payment and the travel reimbursement will take place within 30 days after the meeting is attended by the Advisory Board member.

7. LIABILITIES

Advisory Board members do not carry any liability and will share relevant knowledge and information in good faith.

8. APPLICATION PROCEDURE

The deadline for the submission of applications is 15 June 2017.

All applicants must document their professional experience and expertise in full by means of a curriculum vitae (not more than 3 pages A4) and a cover letter (not more than 2 pages A4). Please remember to indicate in the cover letter if you do require or you do not require the fixed fee offered per working day.

Applications shall be submitted on or before the deadline by email to:

xavier.sandin@youngfoundation.org

9. SELECTION AND APPOINTMENT PROCEDURE

Upon submission of applications, a nominated sub-committee of OpenMaker will produce a preliminary list of candidates and will submit its recommendation to the Openmaker Project Board, which will appoint 8 members.

Upon completion of the selection, candidates will be informed about the outcome of appointments by the Chair of OpenMaker Project Board by the 1st July 2017.

10. DATA PROTECTION

OpenMaker will ensure that candidates' personal data are processed as required by European Parliament and Council Directive 95/46/EC on the protection of individuals with regard to the processing of personal data and on the free movement of such data.

11. CONTACT

Any questions should be submitted by email to xavier.sandin@youngfoundation.org