

€2.5 million I4.0 Open Call launches 19th October!

The European Factory Platform (EFPF) project team invites you to submit a bid for a share of EFPF's **€2.5million EC H2020 Open Call**. European SMEs, software developers, tech companies and manufacturers can be funded to create, test, validate and/or integrate innovative tools / services / applications / solutions / platforms for Industry4.0. You can find out more about this EC/EFPF funding opportunity on www.efpf.org/funding-call

EFPF Project Overview and Objectives

The European Connected Factory Platform for Agile Manufacturing (EFPF) is a EU H2020 funded project focusing on the development of a Digital Manufacturing Platform for Connected Smart Factories.

The key outcome of the project is a federated smart factory ecosystem and a digital platform (called EFPF) that interlinks different stakeholders of the digital manufacturing domain. The EFPF platform supports European Industry4.0 companies to utilise innovative solutions, experiment with disruptive approaches and develop custom solutions to address dynamic manufacturing needs for mass-customisation and lot-size-one production.

The EFPF platform offers embedded intelligence and integrated tools and services to significantly reduce the burden of setting up collaborative networks, shorten the time to respond to new business opportunities and simplify the management and control of distributed processes.

The federated smart factory ecosystem is established by federating 4 manufacturing platforms developed in the EC funded projects: [NIMBLE](#); [COMPOSITION](#); [DIGICOR](#) & [vf-OS](#) – and additional industrial platforms – [SMECluster](#), [iQluster](#) & [SYMPHONY](#) - via a bespoke interoperability mechanism called the Data Spine.

The main EFPF objectives are:

- To foster the growth of a pan-European platform ecosystem that enables the transition from “analogue-first” mass production, to “digital twins” and lot-size-one manufacturing
- To provide a unified Portal through which new and existing users can simply and seamlessly access the full range of services provided by the federated platforms (e.g. Single Sign On, Governance...etc)
- To support developers to create digital tools/services of direct added value to manufacturers, especially for lot-size-one production, through dynamic collaboration
- To demonstrate sustainable value networks and tangible benefits in three pilot industrial areas: Aerospace: B2B SME collaborations; Furniture: OEM Supply Chain; and Smart Waste Management: the Circular Economy
- To extend and align existing Marketplace functionalities

- To avoid the fragmentation of European digital manufacturing platforms and services
- To establish standardised, industry-relevant platform architectures

Why get involved?

- You will receive between €50-150K of non-equity funding and support to develop new services/products
- You will own what you produce and will be able to exploit outcomes across your business
- You will have the opportunity to develop new, working relationships with innovative businesses in the Industry4.0 domain
- You will have access to a new sales channel through the EFPF Marketplace

EFPF Open Call Overview

	Open Call
Total available funding	€2.5million
Funding range per project	€50 – 150,000
Call Launch	October 19th 2020
Call Close	February 19th 2021
Sub-project Start	September 2021
Sub-project Duration	6-12 months

EFPF is funded by the H2020 Framework Programme of the European Commission and runs from January 2019 until December 2022. Find out more details about the EFPF Open Calls and watch our Open Call video .on www.efpf.org/funding-call.

Open Call Qualifying Activities

There are three types of sub-projects available:

	Activity	Target Audience	Value & Duration
Type 1: Digital Manufacturing Applications	Develop new tools or services, by using the EFPF's Software Development Kit (SDK) or by combining / extending the functionalities of existing EFPF solutions	- SMEs focused on ICT - Research institutes - Start-up developers (single applicant only)	< €150K 9 or 12 months
Type 2: validation / testing	Validate and/or test existing EFPF solutions in the real (Functional and Scenario validation)	- SMEs or large companies from manufacturing and supply chain domains (single applicants & consortia of max. 2 partners)	< €100K 6 or 9 months

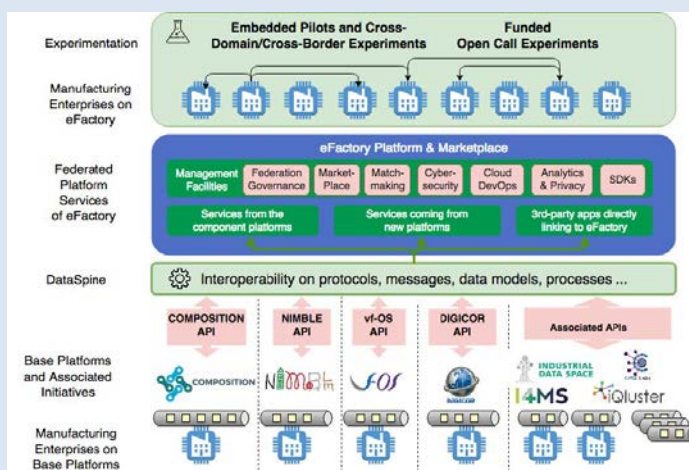
Type 3: Integration	Integrate 3 rd -party applications / services and/or integrate existing platforms in the EFPF federation	- SMEs and platform providers (single applicant only)	< €150K 9 or 12 months
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Each Open Call activity type has a particular focus:

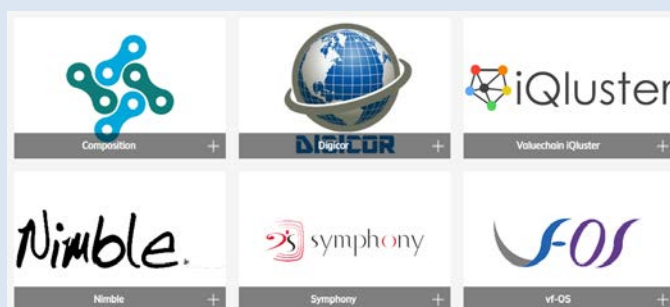
Type	Focus
Type 1	<ul style="list-style-type: none"> - The development of high-quality end-to-end software solutions by extending existing EFPF tools/services to add value to the platform; - The development of software solutions related to current, urgent issues in manufacturing domains, addressing general trends in society; - The development of custom solutions that can be validated through project's pilot partners or through other means. The project's pilot domains are aerospace, furniture and smart waste management; - The development of new tools and services to enhance the current EFPF platform functionality and extend its application domains.
Type 2	<ul style="list-style-type: none"> - Sub-projects which validate and/or test some of the functionalities of the EFPF platform such as the Data Spine and Industry4.0 solutions (e.g. factory connectivity, monitoring alerting, production optimization, predictive maintenance etc) offered in the EFPF federation (Functional Validation); - Sub-projects which validate and/or test applications and services offered through the EFPF Portal and the Marketplace e.g. matchmaking service, data analyticsetc, in new application domains (Scenario Validation); - Sub-projects which validate and/or test some features of the EFPF platform such as security, blockchain and interoperability in new domains (Technology Usability Validation).
Type 3	<ul style="list-style-type: none"> - Sub-projects which integrate third-party applications/services into the EFPF platform. These must provide validation scenarios to demonstrate seamless access and the use of the third-party system/application by platform services and users. - Sub-projects which integrate or connect third-party platforms and marketplaces in the EFPF federation. The respective user communities should be seamlessly integrated with or connected to the EFPF platform.

What EFPF offers...

EFPF Platform Architecture:



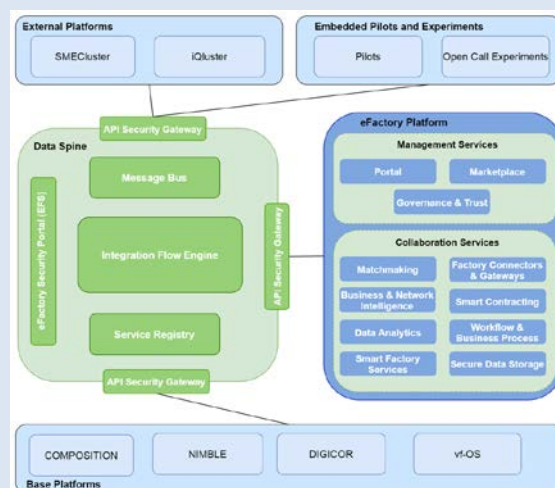
Federated Platforms & Services



SMECLUSTER Collective Intelligence for Business Advantage

EFPF Platform Components:

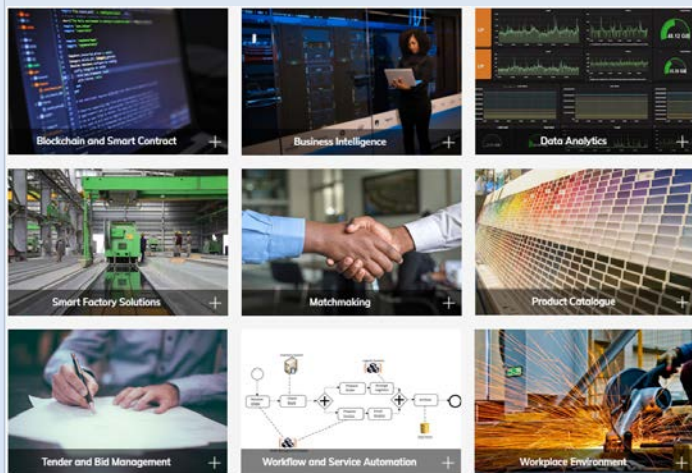
Open APIs / Data Spine / Federated Platform Services / Tools & Services / Marketplace



EFPF Tools, Services & Functionalities:

EFPF is developing and integrating tools and services under three core categories:

- Intra-Factory Solutions:
Smart Factory Tools and Services
- Inter-Factory Solutions:
Collaboration Tools and Services
- Overarching Governance Concepts:
Rules and regulations for establishing trust and management of collaborations



EFPF will also provide Single Sign On access and semantic product/service/company search for all federated platforms and marketplaces.

The Business of Open Calls

- Third parties have the right to exploit the outputs from the Open Call across their business as long as they honour the license of any existing EFPF components that are included
- Where relevant, EFPF expects that sub-project outputs will be hosted, maintained and operational on the EFPF Marketplace up to the end of the EFPF project free of charge both for the third party and for EFPF
- Sub-project reports on activity and outcomes (e.g. Milestone 3 reports) must be provided free of charge to anyone for one year after the end of the EFPF project and available through the EFPF platform.

Open Call winners will develop a workplan and sign a contract with EFPF to deliver on agreed milestones at specific times during the sub-project. The winners will receive 80% of the total funding within the sub-project lifespan. The remaining 20% will be provided after the successful completion of the EFPF project and final payment by EU. Sub-project funding will be provided in 3 lumpsums:

1. Start of the sub-project and successful delivery of Milestone 0 (work plan) - 30%
2. Successful delivery of Milestone 3 (final delivery & report) - 50%

3. EFPF project completion and receipt of final payment by EU –20%

Additionally, EFPF or the European Commission may ask you to present your work as part of EFPF public relations, dissemination and/or networking events.

After the project, you will have the opportunity to enter into contract with the [European Factory Foundation \(EFF\)](#) (EFPF platform owner and commercial partner), where:

- Relevant sub-project outputs will be hosted for one year after the end of the EFPF project on the EFPF platform
- Ongoing hosting will be subject to bilateral negotiations where all costs will need to be part of the ongoing hosting agreements

EFF will expect that hosted components are maintained and operational for the duration of the negotiated contract.

Are you eligible to apply?

Please apply if you meet the following criteria:

- You are:
 - an SME as defined in EU Law: EU Recommendation 2003/361/EC, (see https://ec.europa.eu/regional_policy/sources/conferences/state-aid/sme/smedefinitionguide_en.pdf),
 - or a legal entity of any size operating in the manufacturing or supply chain domain,
 - or a technology provider / software developer,
 - or a research centre / university
- You are legally established in an EU Member State, the UK or an Associated Country (see [EC Countries List](#))
- You are a stable, solvent, legal entity eligible for participation and funding in [H2020 programmes](#)
- You have no formal business partnerships with any EFPF consortium member (eg part- or wholly-owned subsidiary, or affiliate) – there are no restrictions on customers and/or suppliers of EFPF consortium members

What should I do now?

- Its easy! Find out more on:
www.efpf.org/funding-call
- Or, register your interest on:
www.efpf.org/funding-call-form
- Finally, submit a brilliant bid!

EFPF Partners



Useful Links and Contacts

www.efpf.org

- home page

www.efpf.org/funding-call

information and links about the Open Call

www.efpf.org/funding-call/materials

- all the Documentation relating to the Open Call, including the Guidance for Applicants and the Proposal Template

www.efpf.org/offering-2

- high-level description of efpf services and tools

www.efpf-portal.ascora.eu

- detailed technical information about the efpf platform and services

www.f6s.com/efpf

- the *only* place to submit your proposal

infoOpenCall@efpf.org

- the *only* email address to use for questions about the Open Call submission process

