

HORIZON 2020

**European Connected Factory Platform
for Agile Manufacturing**



**European Factory
Platform**

**EFPF Open Call
Guide for Applicants**

Short Abstract

This document is the EFPF Open Call Guidance for Applicants. It should be used by applicants as the primary reference point for all information concerning the EFPF Open calls.

Grant Agreement:
825075



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0 Useful Links and Contacts

Webpages:

www.efpf.org

www.efpf.org/funding-call

www.efpf.org/funding-call/materials

www.efpf.org/funding-call/materials

www.efpf.org/offering-2

<https://efpf-portal.ascora.eu/>

Submission Platform:

www.f6s.com/efpf

Contact:

infoOpenCall@efpf.org

Follow Us:



<https://twitter.com/EFPFproject>

LinkedIn

www.linkedin.com/in/efpf-project-90a31217a/



www.facebook.com/EFPF-Project-293935601315639/

- Home page
- Information and links about the Open Call
- Information and links about the Open Call
- All the Documentation relating to the Open Call, including the Guidance for Applicants and the
- Proposal Template
- High-level description of EFPF services and tools
- Detailed technical information about the EFPF platform and services
- The *only* place to submit your proposal
- The only email address to use for questions about the Open Call submission process

1 Introduction

This guide is designed to support applicants through the submission process for the Horizon 2020 funded EFPP Open Call. It is intended to be the primary source of information and is authoritative, superseding any information found elsewhere.

If there are any questions regarding the application process after reading this document, please refer in the first place to the FAQ on www.efpf.org/funding-call/materials and/or contact infoOpenCall@efpf.org.

1.1 What is EFPP?

European Connected Factory Platform for Agile Manufacturing (EFPP) is an 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 EFPP) that interlinks different stakeholders of the digital manufacturing domain. The EFPP 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 EFPP 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.

1.2 Aims and Objectives

The main EFPP project aims and 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. through 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

Additional high-level information about the EFPF platform and services can be found at: www.efpf.org/offering-2 and more detailed technical information can be found at www.efpf-portal.ascora.eu (you will need to register) – please watch our Video Guide to Finding Technical Information available on www.efpf.org/funding-call/materials, which will help you locate the technical information you need on the Portal.

2 The Open Call¹ (Funded)

The table below provides a summary of the call which will fund sub-projects based on the allocation of a dedicated budget of a **total of €2.5million** for work within the EFPF Project.

<i>Total funding</i>	€2.5 Million
<i>Funding range</i>	€50,000 - €150,000 per project Circa 20 sub-projects
<i>Call for proposals</i>	Launch Date: 19 October 2020 Closing Date: 19 February 2021
<i>Sub-project duration</i>	6, 9 or 12 months
<i>Sub-project types</i>	<ol style="list-style-type: none">1. Creating new applications2. Testing / validating EFPF platform and services3. Intergrating new platforms or services with EFPF
<i>Evaluation, Awarding & Contracting</i>	Evaluation & Awarding: February 2021 – end April 2021 Workplans & Contracting: May 2021 – end August 2021
<i>Sub-project start</i>	September 2021

Additional information and submission resources can be found in this document and at: <http://efpf.org/funding-call/materials>.

2.1 Who is eligible?

SMEs as defined in EU Law (EU Recommendation 2003/361/EC), or larger companies in the manufacturing and supply chain domain, or technology/software providers legally established in an EU Member State, UK or an Associated Country are eligible to apply for Open Call funding.

The applicant should be a stable, solvent, legal entity, active in the Industry4.0 sector and eligible for participation and funding in H2020 programme with no formal business relationships with any EFPF partner organisation (e.g. part- or wholly-owned subsidiary, or affiliate). There are no restrictions to project partner's customers and/or suppliers.

Third Parties receiving financial support through the EFPF Open Call programme will not become party to the EFPF Grant Agreement (signed between the project and the EC), however they need to have a *PIC number* by registering with SEDIA².

¹ EFPF includes Unfunded Open Calls, please see: www.efpf.org/community.

² SEDIA is the EC Single Electronic Data Interchange Area (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>) where you can register to receive your Participant Identification Code (PIC number)

2.2 Target Audience

The following types of organisations are especially targeted to participate in the call:

- EU SMEs (including micro-SMEs)
- EU technology providers and software developers (including start-ups)
- EU manufacturing and logistics companies
- EU Research Institutes and Universities

2.3 Eligible Types of Applicants

- *Single Applicant* – single entities meeting all eligibility criteria may apply for funding
- *Small Consortia* – a small consortium of a maximum of two eligible organisations may apply for funding. For example, one Manufacturing/Logistics company of any size may partner with one Technology/Software Provider (SME, Research and Technology Organisation, startup, Digital Innovation Hub...etc.), or two SME Software Providers may jointly apply...and so on.

NOTE: Small Consortia applications are only accepted for Type 2 sub-projects (please see Section 2.5: Types of Sub-projects).

2.4 Eligible Countries

Companies registered in an EU Member State or in an Associated Country (which are qualified and are compliant with the H2020 rules of participation) are eligible to participate in the Open Call. In particular, eligible countries are:

- The Member States (MS) of the European Union (EU), including their outermost regions
- The Overseas Countries and Territories (OCT) linked to the Member States
- Other Associated Countries, International European interest organisations and other eligible entities as they are described in EC List³ of countries eligible for funding
- Companies based in the United Kingdom⁴.

2.5 Types of Sub-projects

The EFPF Open Call includes three major types of sub-projects as follows:

Type 1: *Sub-projects for the development of digital manufacturing applications and services for the EFPF platform*

³ https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-a-countries-rules_en.pdf & http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf

⁴ The EFPF project is part of the H2020 framework program. Companies based in UK retain the right to participate in these programmes and are eligible to apply for the Open Call if they satisfy all the other required criteria (correct as of October 2020).

Sub-projects that develop new tools or solutions, either using EFPF's own Software Development Kit (SDK) or by combining/extending the functionalities of existing EFPF solutions.

In this type of sub-project the main categories are the:

- Development of high-quality end-to-end solutions by extending EFPF services in order to provide added value to the platform
- Development of solutions to address current and urgent issues in manufacturing domains in connection with the general trends in society
- Development of bespoke solutions for EFPF Partner pilot domains of Aerospace, Furniture Manufacturing and Smart Waste Management (Circular Economy)
- Development of new services and applications that can enhance EFPF platform functionality and reach in different Industry4.0 domains

Aim: To create new solutions for the enhancement of EFPF platform, to provide new services to project pilots and to give the opportunity to sub-project participants to build high quality solutions by leveraging existing functionalities and capabilities of the EFPF platform.

Target Audience: SMEs focused on ICT technologies, research institutes and start-up developers would be ideal candidates.

Bid type: Single Applicant only.

Funding Amount: ≤ €150,000

Sub-project Duration: 9 or 12 months

Type 2: *Sub-projects for validation and/or testing of EFPF platform and services in digital manufacturing domains*

This type of sub-project focuses on the application, validation and/or testing of the solutions developed for the European Factory Platform (EFPF) in real digital manufacturing and/or supply chain scenarios.

In this type of sub-project the main categories are the:

- Validation and/or testing of core concepts and functionalities of EFPF platform such as the interoperability, integration and data harmonization of the Data Spine, or platform security, blockchain...etc functionalities (Functional Validation)
- Validation and/or testing of individual components and tools offered through the EFPF platform such as matchmaking; product catalogues; data analytics; factory connectors...etc. in new manufacturing (or other) domains (Scenario Validation)

Aim: To apply, test and validate EFPF services in other use cases or domains, the results of which will ensure the quality of EFPF solutions enabling their promotion to a broader community of end-users.

Target Audience: SME technology providers or software developers and/or larger manufacturing or supply chain companies would be ideal candidates.

Bid type: Single Applicant and/or Small Consortia of a maximum of two partners (a manufacturing/supply chain company and a technology provider)

Funding Amount: ≤ €100,000

Sub-project Duration: 6 or 9 months

Type 3: *Sub-projects to improve the EFPP ecosystem by connecting multiple stakeholders through innovative solutions*

This type of sub-project focuses on the:

- Integration of third-party applications/services with the EFPP platform. The sub-project must provide a validation scenario to demonstrate seamless access and use of the third-party system/application by platform services and users.
- Integration or connection of third-party platforms and marketplaces with the EFPP platform. The respective user communities should be able to be seamlessly integrated or connected into the EFPP federation.

Aim: To extend the EFPP federation by interlinking existing solutions, services, platforms or marketplaces through a common interoperability mechanism.

Target Audience: Companies that provide innovative solutions which can be integrated into the EFPP platform and the federation.

Bid type: Single applicant only.

Funding Amount: ≤ €150,000

Sub-project Duration: 9 or 12 months

These three types of sub-project can be summarized as follows:

Type	Funding	Bid Type	Duration
<u>Type 1:</u> Development of digital manufacturing applications and services for the EFPP platform	≤ €150,000	Single Applicant only.	9 or 12 months
<u>Type 2:</u> Validation and/or testing of EFPP platform and services in digital manufacturing domains	≤ €100,000	Single Applicant and/or Small Consortia of a maximum of two partners	6 or 9 months
<u>Type 3:</u> Improving the EFPP ecosystem by connecting multiple stakeholders through innovative solutions	≤ €150,000	Single Applicant only.	9 or 12 months

3 The Business of Open Calls

3.1 Why join the EFPF Open Calls?

- You will receive between €50-150K of equity-free 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

3.2 Obligations

1. Winning proposals will develop a workplan and sign a contract with EFPF to deliver on agreed actions at specific times during the duration of sub-projects.
2. Sub-project progress will be assessed via a series of Milestones, as agreed and defined in the workplan (and detailed in Section 6).
3. Sub-project progression and payments will be dependent upon successfully meeting the relevant Milestones.
4. 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 the EFPF project. Following that, relevant sub-project outputs will need to 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.
5. Reports on Sub-project results and outcomes (in the form of the Milestone 3 deliverable report – see Section 6 below) must be provided free of charge to anyone for one year after the end of the EFPF project available on the EFPF platform
6. EFPF will nominate an Advisor from within the project with whom you will collaborate as the first point of contact with EFPF.
7. Sub-projects will be requested to complete an end-of-project satisfaction and feedback survey.
8. Additionally, EFPF or the European Commission may ask you to present your work as part of EFPF project meetings, public relations, dissemination and/or networking events. If you will incur in travel costs for these activities (max. 2), they will be considered a claimable cost.
9. You must keep accurate timesheets and effort/resource use records. These will not be required by the EFPF project, but you may be audited at any point by the EC under standard EC regulations.

3.3 IPR

The EFPF project includes a IPR Management strategy, the key points of which are:

- Third parties (the sub-projects) have the right to exploit the outputs of the Open Call across their business as long as they honour the license of any components

originating from the EFPF project (e.g. apps, components, validation results, testing methodologies, and/or federated services).

- EFPF has the right to exploit the outputs of Open Call sub-projects following joint agreements to be signed by both beneficiary and third party

3.4 Payment Procedures

The EFPF project has allocated a total budget of 2,500,000€ to provide financial support for approximately 20 sub-projects. The following activities can qualify for financial support:

- All reasonable Personnel costs required to fulfil the workplan and contract
- Equipment costs (up to 15% of costs)
- Travel costs
- Overhead costs up to 25% of the direct costs

The total financial support awarded by EFPF may amount to a maximum of 70% for profit organisations and 100% for non-profit organisations of eligible costs

The funding amount available for each type of sub-project is as follows:

- **Type 1 - up to 150,000€:** The development of digital manufacturing applications and services
- **Type 2 - up to 100,000€:** Validation and/or testing of EFPF platform and services in digital manufacturing domains
- **Type 3 - up to 150,000€:** Improving the EFPF ecosystem by connecting multiple stakeholders through innovative solutions

The payments will be provided in three instalments according to the following plan:

- Within 30 days of the start of the sub-project and successful completion of Milestone 0 = **30% of the total funding.**
- Within 30 days of the successful completion of Milestone 3 (final demos & final report) = **50% of the total funding**
- After the completion of the EFPF project and within 45 days of the receipt of final payment from the EU = **20% of the funding**

Please note that each Milestone is dependent upon the successful completion of the previous Milestone. The sub-project monitoring procedures can be found in Section 6 below.

4 The Application Process

4.1 Official Language

The official language of the Open Call is English. All applications must be submitted in English in all their mandatory parts, in order to be eligible. Otherwise, the entire application will be rejected. If any non-mandatory parts of the application are submitted in a language other than English, these parts of the proposal will not be evaluated, but the proposal may still be eligible.

4.2 Online Submission Platform

Applications will be submitted online via the F6S submission platform provided by EFPP www.f6s.com/efpf. Support for using this platform can be found on the F6S help pages once you have logged in.

4.3 Submission Support

To support the submissions process, EFPP will provide:

- A dedicated submission support hotline – infoOpenCall@EFPP.org is the only official response channel, answers will be provided within 2 working days.
- Three live question-and-answer (Q&A) submission support webinars. Planned dates (subject to confirmation on the EFPP website at least one week prior) are:
 - Wed 25th Nov 2020. 11:00 CET
 - Wed 13th Jan 2021. 15:00 CET
 - Mon 1st Feb 2021. 11:00 CET

In addition, EFPP also provides the following support resources on www.efpf.org/funding-call/materials:

- A downloadable submission template document to enable offline working.
- A video guide on how to find the technical specifications/information for the EFPP platform and services
- An online FAQs document
- Links to the F6S submission and help pages
- Copies of promotional materials
- Copy of this Guide for Applicants
- Recordings of the Q&A support webinars
- Ethics Statement and Declaration of Honour documents

NOTE: please regularly check www.efpf.org/funding-call/materials for new documents or latest amendments (if applicable).

4.4 General Rules

When completing the online submission form, please follow these rules:

1. You may apply more than once (e.g. to the different sub-project types), but only your highest-ranking proposal will be funded (one award per applicant only)

2. Answer each question. If you think a question does not apply to your case, explain briefly why.
3. Be **clear and concise** and respect the instructions about the length of each answer. Where applicable, you may use bullet points instead of full sentences or descriptive paragraphs.
4. Write for an informed audience that is familiar with the general Industry4.0 context, but not with the particulars of your business or market.
5. Do not include visual elements (e.g. images, figures, tables, graphics...etc) as the online form does not support them.
6. Do not include any links to external documents to answer a question. Your proposal must be **self-contained** and describe everything you want EFPP to know about your idea.
7. The proposal must comply with all eligibility requirements (see Section 5.2 below).

4.5 Required Documentation

This is the list of documents you need to provide at application time, which can be uploaded to the online submission platform on www.f6s.com/efpf.

- A completed online submission document. Please use the proposal template to work offline before completing the online submission (see Annex 2: Proposal Template and efpf.org/funding-call/material)
- Administrative information: registration on the F6S portal.
- Ethics declaration (see Annex 4: Ethics Statement and efpf.org/funding-call/material)
- (For sub-project type 3 proposals ONLY). A statement showing the existing relationship and rights of access to the platform/service which you propose to federate with EFPP.

Acceptable statements include one of the following:

- Copy of an existing contract.
- A Memorandum of Understanding (MoU) signed by the legal entity representing the platform/service.
- An email from a relevant person within the legal entity owning (or anyway representing) the platform/service stating that the applicant has access to the platform/service.
- A self-signed statement by the legal entity owning (or anyway representing) the platform/service stating that the applicant has access to the platform/service.
- (Only for applications proposing the use of third-party datasets that are NOT Open Access). A statement showing an existing relationship with the data owner and a right of access and use them.

Acceptable statements include one of the following:

- Copy of an existing contract.
- A Memorandum of Understanding signed by the legal entity owning the data.

- An email from a relevant person within the legal entity owning data stating the right to access such data.
- (Only for applications requiring access to 3rd party industrial facilities). A statement showing an existing relationship and a right of access to the industrial facility.

Acceptable statements include one of the following:

- Copy of an existing contract.
- A Memorandum of Understanding signed by the legal entity owning the industrial facility.
- An email from a relevant person within the legal entity showing the right to access the industrial facility for the purposes of the sub-project.

5 The Evaluation and Selection Process

5.1 Evaluation

Applications will pass through the following stages:

1. **Eligibility check:** Proposals failing to meet the eligibility criteria and submission rules will be rejected.
2. **Expert review:** 2 external and 1 internal reviewer will assess proposals against the evaluation criteria (See Annex 1: Evaluation Criteria) and submit an evaluation report and final score for each proposal via the F6S submission platform.

NOTE: While the criterion are the same for the 3 sub-project types, different weighting is assigned to each criterion to reflect the different nature of the sub-projects.

5.2 Eligibility Check

At this stage of the process, each proposal will be assessed against the following:

- The submission was made within the deadline (see Section 2)
- The proposal was submitted through the official submission platform (www.f6s.com/efpf) and not via external mechanisms such as emails
- The proposal addresses one of the three types of sub-project (see Section 2.5)
- The proposal is within the character limit
- The proposal includes information about how the EFPF platform core infrastructure and/or EFPF components/services will be used in the sub-project
- The proposal satisfies all the Eligibility Criteria (see Sections 2.2 & 2.3)
- The required documentation (see above) is present and correct, including the Declaration of Honour and the Ethics statement (see Annexes 3 & 4)

5.3 Feedback

The feedback provided to the applicants will be as following:

- **Eligibility failure:** Standard rejection letter.
- **Below threshold score:** Standard rejection letter.
- **Over Threshold, but not awarded:** EFPF will provide simplified feedback on request.

Where evaluator scores are divergent, mediation procedures including Consensus meetings will be mediated by the EFPF Executive Board.

By submitting the proposal, the successful applicants agree to have their name associated with EFPF and used by the project when referring to the Open Call activities. In general, both the topic and a brief description of the sub-project will be considered as available for wider sharing in accordance with GDPR. Sensitivity concerns will be evaluated by the Executive Board on a case to case basis.

5.4 Selection

Proposals will be ranked according to final evaluation score within the three types of sub-project. Sub-projects will be awarded according to rank (highest first) in each area and in alignment with EFPF project priorities and objectives, in order to avoid multiple sub-projects

in the same domain; too many sub-projects of a single type; those with overly similar outcomes; and/or those which use the same components/Apps.

Once the successful sub-projects have been selected, EFPF will publish the outcome within one month of the end of the evaluation and selection period on www.efpf.org/funding-call

5.5 Workplan and Contracts

Once selected and awarded, your sub-project will enter a period of contracting and workplan development. Contracts will only be signed once the workplan has been finally approved by EFPF. Contracts will cover only the period of the sub-project.

There is a single contract for all Open Call winners which is not negotiable, however, in limited cases, as agreed by the EFPF Executive Board, there may be specific minimal adjustments permitted according to the exact nature of the individual project.

Upon being awarded funding, the applicant will be notified at a maximum of 2 weeks from final approval and will be asked to provide a workplan within 2 weeks of notification. A workplan template will be available to winners on the EFPF website.

EFPF will assist the development of workplans where required by answering process queries and facilitating conversations with EFPF technical or user partners if requested. The EFPF Advisor will review the workplans to ensure that they are accurate, measurable and achievable, and provide feedback where necessary, iterating until final approval is reached. This process should take no longer than six weeks, after which, if there is no agreement then the funding award will be withdrawn.

5.6 Additional Documentation

Once you have been awarded funding for your sub-project, you will be asked to submit confirmation of the results of the following within 1 month of being provisionally awarded sub-project funding:

- Financial Capacity Self-check (available on https://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/register-an-organisation/financial-capacity-check_en.htm)

Note: EFPF reserves the right to request any other document that allows EFPF to assess the financial health of the SME and its sustainability during and after the accelerator period and the right to decline funding where financial viability cannot be assured.

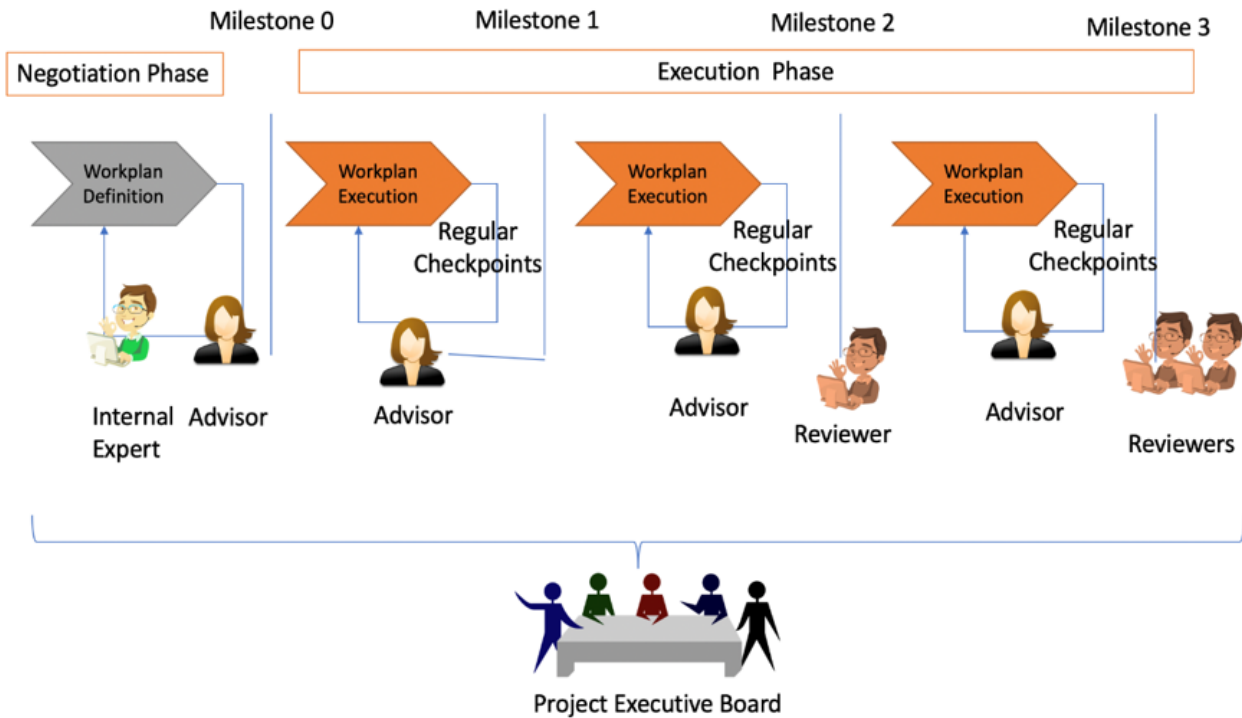
5.7 Experimentation Facility

If access to an industrial facility is required for the project, this needs to be clarified in the detailed workplan (after the selection process). If the industrial facility is not in the EFPF ecosystem, it is expected that the SME shows a proof that they can access the industrial facility. If the proposed industrial facility is within the EFPF ecosystem, the way for collecting data and/or accessing the industrial environment will be finalised, possibly through an ad hoc written agreement, with the relevant EFPF partners.

6 During the sub-project

6.1 Overview of sub-project processes

Sub-projects being successfully awarded will be subject to the following process:



6.2 Deliverables

The workplan will include the requirement to produce regular progress reports. The table below includes the minimum deliverables required and the parties responsible for the review and verification of the deliverables associated with each Milestone (additional deliverables may be included if appropriate to an individual sub-project).

Milestone	Timing	Deliverables
MS0	Initial milestone at the start of the sub-project (M0)	D0.1 Work Plan D0.2 Costs plan
MS1	Second month (M2)	D1.1. Initial Results D1.2. Scenarios Definition D1.3. Short Market Analysis
MS2	Just after the half way point of the sub-project. This is M4 for 6 months sub-projects, M5 for 9 months sub-projects and M7 for 12 months sub-projects	D2.1. First demo D2.2 A document (plus a ppt) with the status/progress details of the sub-project. These outcomes will be used for dissemination besides the

		evaluation/monitoring process.
MS3	End of the sub-project, delivered in the final month	D3.1 Documentation of the results of technical work completed D3.2 Final Demo and ppt, D3.3 Business plan D3.4 Final costs statement

Deliverables will be assessed at Milestones against the following criteria:

- Deadline Compliance
- Overall Quality (sub-project activity and deliverable standard)
- Technical & Business Performance Indicators

Lumpsum payments may be withheld if progress is insufficient (see 3.4).

Annex 1: Evaluation Criteria

Two independent external and one internal evaluator will be asked to complete the template below by rating the quality of the proposal with a score between 0 and 5 for each criterion. The evaluation criteria have been weighted to the three types of sub-projects, according to their importance and relevance to that type of sub-project.

The score for the individual criterion will be multiplied by the weighting percentage to provide a score for that criterion. The scores for each criterion will then be summed to provide a total score out of 5 for each of the three criteria (Excellence; Impact & Benefits; Implementation). Each criteria score will be summed to provide an overall score for the proposal out of a maximum 15 points.



Excellence

Technical excellence and novelty compared to the state-of-the-art or market



Impact & Benefits

Value added for EFPF and users, impact on Industry4.0, future exploitation, business model and sustainability



Implementation & Capability

Management plan, technological and logistical capability of the proposer to successfully deliver the promised outcomes, resource commitment

Proposals failing to reach the threshold score (3 out of 5 per criteria section and 9 out of 15 for overall proposal total score) will be rejected. All three evaluation criteria (Excellence, Impact, Implementation) are equally weighted. A formal consensus meeting for the handling of Significant Deviations and Equal Scores will be follow the Evaluation Process.

Excellence Threshold = 3/5	Comments	Score	Type 1: Development (weighting %)	Type 2: Validation (weighting %)	Type 3: Connecting (weighting %)
How feasible and clearly defined are the sub-project's objectives and outcomes? (Are the objectives and outcomes specific, measurable, achievable, realistic and timely?)			20%	20%	20%
How clearly aligned is the sub-project to EFPF project objectives and outcomes?			20%	20%	25%

<p>Does the proposal contain a high level of innovation?</p> <p>(This includes factors such as integration of different technologies that unlock the value of data, optimise lot-size-one manufacturing, involves participation of innovative initiatives etc.)</p>			20%	10%	15%
<p>How ambitious is the project?</p> <p>(This includes the number of EFPF platform functions, components and/or services used, the vision for their use, and the technical complexity of the proposed project outcomes)</p>			20%	30%	20%
<p>How will the proposed technological developments contribute to advancing the field?</p> <p>(Explain how your project could be a catalyst for future technologies or technological developments?)</p>			20%	20%	20%
Total		/5			
<p>Impact & Benefits</p> <p>Threshold = 3/5</p>	Comments	Score	Type 1: Development (weighting %)	Type 2: Validation (weighting %)	Type 3: Connecting (weighting %)
<p>Is the overall impact of the project well described?</p> <p>(This includes economic, technological or societal impact)</p>			25%	30%	25%
<p>Does the proposal add value to the EFPF platform or the wider Industry4.0 landscape?</p> <p>(How beneficial will the proposed project be for EFPF users/customers as a value-added service?)</p>			20%	25%	20%
<p>Is the impact of the sub-project on the proposer's business model credible and well described?</p>			15%	15%	15%
<p>How well is the exploitation strategy described?</p> <p>(This includes promotion and dissemination)</p>			20%	20%	20%

<p>How sustainable is the sub-project's output in the long-term?</p> <p>(Is the proposed sub-project output able to be transferred to EFF Marketplace?)</p> <p>For Validation projects:</p> <p>How do the sub-project outputs contribute to the proposer's long-term business sustainability</p>			20%	10%	20%
Total		/5			
<p>Implementation & Capability</p> <p>Threshold = 3/5</p>	Comments	Score	Type 1: Development (weighting %)	Type 2: Validation (weighting %)	Type 3: Connecting (weighting %)
<p>How well-defined is the implementation plan for the project?</p> <p>(This must include high level timings, KPIs...etc.)</p>			30%	30%	30%
<p>How suitable are the capabilities of the proposing team to undertake the sub-project?</p> <p>(Capability includes staff, previous experience, complimentarity of consortium partners (where relevant)...etc.)</p>			15%	15%	15%
<p>To what extent does the proposal include an appropriate allocation and justification of resources (person-months, equipment, budget)?</p>			20%	20%	20%
<p>Beyond the 30% of costs met by Private companies, to what extent does the proposal include a commitment to providing own resources?</p> <p>(Own resources include providing own data in particular, as well as infrastructure & equipment)</p>			20%	25%	20%
<p>Please rate the use and/or understanding of industry and software standards and the credibility of any possible contribution to standardisation described in this proposal.</p>			15%	10%	15%

Total		/5			
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Annex 2: Proposal Template



European Factory Platform

The PRIMARY reference document for the EFPF Open Call is the Guide for Applicants (available on www.epf.org/funding-call/materials). This document is provided as an offline template. **ALL submissions must be made by completing the equivalent sections online at: www.f6s.com/efpf**

Main Info:

General Remarks to be taken in account before start to use the document	<ul style="list-style-type: none">• This is a word version of a proposal template which will be used on the F6S submission system (see www.f6s.com/efpf)• You may find it easier to enter the text here and then paste to F6S when final. Take careful note of the character/word limits in each section and check using words in build facilities on the review menu• All fields are mandatory unless otherwise stated• If the proposal is not conformant with requirements it can be rejected• Only single Applicants are accepted. Consortia that are composed of no more than 2 partners including a qualifying SME (ie either SME Alone, SME+Partner (of any type) are accepted only for Type 2 sub-projects (Validation) (See Section 2.3 Guidance for Applicants available on www.epf.org/funding-call/materials)• You will find further useful submission support on: www.epf.org/funding-call/materials• Carefully read the evaluation form for how the proposal will be assessed and also the weightings given to each element (See the Guidance for Applicants Annex 1 available on www.epf.org/funding-call/materials)• Delete any example or guidance text where relevant• Remember that EFPF is an innovation action, and not a research and innovation action so the expectation is more geared towards direct exploitability vs research
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Project Acronym: EFPF

Project full name: European Connected Factory Platform for Agile Manufacturing

Open for submission: October 19, 2020

Deadline: February 19, 2021

Expected duration of the activities: 6, 9 and 12 Months

Total budget: €2,500,000

Maximum funding request per proposal: €150,000

Minimum funding request per proposal: €50,000

Submission Language: English

Pre-question:

1. Please select the type of sub-project your proposal will address:
 - a. Developing Digital Manufacturing Applications
 - b. Validation / Testing
 - c. Integration

Declarations:

I declare that there is no known conflict of interest between this proposer and any member of the EFPF Consortium

I declare that all parties in the proposer team are legal, solvent business entities, established in the EU, Associated Countries or the UK, and eligible for Horizon 2020 funding (Please see https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-a-countries-rules_en.pdf &

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf)

Lead Applicant Details:

Organisation Type	e.g. SME/start-up
Main Representative Prefix (Mr, Mrs,,)	
First Name	
Last Name	
Gender	
Position at the Organisation	
E-mail	
Organisation Name	
Organisation Address	
Organisation Country	
Organisation Phone No.	
Organisation Description (5 lines max)	
Organisation keywords to describe your domain (5 max)	

Website	
Number of employees	
Number of employees in RTD	
Foundation Date	
H2020 knowledge/experience (2-3 sentences only)	

Additional Applicant Details (only for Type 2 Sub-projects: Validation/Testing):

Organisation Type	
Main Representative Prefix (Mr, Mrs,,)	
First Name	
Last Name	
Gender	
Position at the Organisation	
E-mail	
Organisation Name	
Organisation Address	
Organisation Country	
Organisation Phone No.	
Organisation Description (5 lines max)	
Organisation keywords to describe your domain (5 max)	
Website	
Number of employees	
Number of employees in RTD	
Foundation Date	
H2020 knowledge/experience (2-3 sentences only)	

Abstract	500 Characters
	Please provide a short abstract highlighting the main point of your proposal.

1. Idea (6000 characters)

1.1 The Challenge

<i>What specific challenge are you addressing and what are your objectives?</i>	1000 characters Clearly articulate what challenge you intend to address, define the objectives for your project and how they address the challenge.
<i>How does your project align with EFPF project objectives?</i>	500 characters Describe how your project aligns with EFPF project objectives (See Guidance for Applicants Section 1.2 available on www.eff.org/funding-call/materials)
<i>What makes your approach unique?</i>	1000 characters Clearly define how your project is innovative, cutting-edge and/or reflects the most recent advances in the field. For Validation proposals, this includes innovative validation methodologies and/or validation in new domains and/or innovative outputs.

1.2 Technical Foundations

<i>Which services and/or components and/or functionalities and/or datasets and/or existing platforms will you use? Explain how each one is relevant to your solution.</i>	1000 characters List here the existing services, components, functionalities, datasets, and/or existing platforms that enable your idea. Clearly indicate what is provided by EFPF and what by third parties. Also state whether your solution requires physical access to industrial facilities and whether you expect this to be provided by yourself, EFPF or a third party. Where relevant, also indicate any licences (or IPR) to be considered? We need details about these services, datasets, and platforms (and how each of them) will help you to build the solution. Note that the reviewers will most likely not have the capacity to read extensive external documentation. What they need is enough information to be able to assess that the services and datasets are relevant, valuable, and properly interconnected for your proposal. For detailed technical information please watch this Video Guide to Finding Technical Information available on www.efpf.org/funding-call/materials and then visit the EFPF Portal on www.efpf-portal.ascora.eu
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How much does your solution use and/or contribute to standards and standardisation?	500 characters Please discuss the use of standards in your solution, including where relevant, whether and how your sub-project will contribute to any of them. Please be detailed.
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1.3 Outputs

What will the output(s) of your project be?	1000 characters List here the specific solution/validation/integration outputs of the project. Example: - An Android app, with the following functionality.... - A validation report and recommendations for improvements - The integration/federation of (X) with EFPF platform/component (Y)
How will your output(s) contribute to advancing the field?	500 characters Explain how your output(s) can help to develop and/or advance the domain and/or act as a catalyst for future projects/developments/technologies
How will you measure the quality of your outputs? Give examples of relevant KPIs.	500 characters For each output, tell us how you will assess its quality. Mention the methods you will use, and the relevant KPIs. Example: for our Android app, you could consider a user study, focus groups etc. with a minimum number of users, number of downloads etc. Do not list any company business KPIs here; focus only on product KPIs.

2. Impact (3500 characters)

2.1 Exploitation, Business Benefits and Wider Impact

How will the project/project outputs contribute to your business?	1000 characters In the previous section, you told us what services, components, functionalities, data and platforms are central to your proposal and why you want to build your business with them. Here we want to know about the business side of your idea. Explain in detail how your involvement in the EFPF project and your project outcomes and/or the knowledge/experience gained will be exploited by your business and/or contribute to your business model going forward.
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<p>How will your project add value to the EFPF offering or to the wider Industry4.0 domain?</p>	<p>500 characters</p> <p>Describe how your project will benefit EFPF partners, users and/or customers, or to the wider Industry4.0 domain going forward.</p>
<p>How will you promote and disseminate the output(s) of the project?</p>	<p>500 characters</p> <p>Describe your plan for how you will make the wider ecosystem aware of your project output(s).</p> <p>Where relevant, this can include communications with and/or marketing to stakeholders, business networks and/or market sectors.</p>
<p>How sustainable is your project output(s) in the long-term?</p>	<p>500 characters</p> <p>While uncertainty exists and is acceptable in many cases, please discuss here why you think your solution will be sustainable by your company, or someone else taking over, in the long-term.</p> <p>For Validation projects, explain how your output(s) will contribute to your long-term business sustainability, development or growth.</p>
<p>What are the anticipated wider economic, societal or environmental impacts your solution will have?</p>	<p>1000 characters</p> <p>Provide specific examples to demonstrate how your project output(s) will have a positive impact on wider economic, societal or environmental domains.</p> <p>This can include, for example, how much money your output(s) saves your customer, your sector and/or society as a whole; whether your output(s) helps better decision-making and/or problem-solving; whether your output(s) can save energy and/or reduce waste...etc</p> <p>We do not expect 100% accuracy, and for Validation projects the impact on these domains may be indirect (which is fine), but please provide enough detail for us to understand the broader potential of what you are proposing.</p>

3. Team, budget and work plan (3000 characters)

3.1 Knowledge and skills of the team

<p>List the core members of your team and their skills and experience. How many of them will be working</p>	<p>1000 characters</p> <p>We refer here to the team that will work on the project. Remember we look for complementary skills in the core team. Please do not add any links to personal Websites, LinkedIn profiles etc. We will not have the capacity to check them. Use bullet points with name, role and relevant experience. Tell us if the team member will work full time, part time or on a freelance basis on the project.</p>
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full/part-time on the project?	Example: Mary Smith, CTO, 10 yrs experience in backend dev, Ruby, Python, co-founded 1 startup and led a team of 5 developers, full time.
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3.2 Capacity to deliver the project

What is the estimated timeline and the major activities in your project? (use 3 milestones as defined in Section 6 of the Guidance for Applicants)	<p>500 characters</p> <p>A detailed workplan will be required if you pass the selection phase. At this stage, we are asking only an indication of the main activities (stay at high level) and the timing for their completion. If convenient, use bullet points</p> <p>E.g.:</p> <ul style="list-style-type: none"> • Milestone 1 <ul style="list-style-type: none"> ○ Use case validation with relevant Stakeholders ○ [...] ○ Software client development for EFPF services • Milestone 2 <ul style="list-style-type: none"> ○ Implementation of the chain of services ○ [...] ○ GUI first release • Milestone 3 <ul style="list-style-type: none"> ○ Automatic software deployment and configuration ○ [...] ○ Final software release <p>Please see Section 6 in the Guidance for Applicants available on www.efpf.org/funding-call/materials</p>
Beyond the 30% of costs that you are liable for (for profit organisations), what other additional internal resources you are prepared to commit?	<p>500 characters</p> <p>Describe what additional resources you are prepared to commit. We want to see you believe in your project and you are ready to invest some of your own resources. These resources can be of any type (datasets, infrastructures, in-kind time of experts, knowledge bases...etc).</p>

3.3 Budget for the acceleration period

Please justify the allocation of the resources for which you are seeking 70% (profit organisations) or 100% (non-profit organisations) funding.	<p>1000 characters</p> <p>Give a breakdown of how you will use the funding for personnel, subcontracting, travel, equipment, and other goods and services. Respect the following rules. Your application might be declared non-eligible if you fail to do so:</p> <ol style="list-style-type: none"> 1. Describe costs only for the accelerator period (refer to the different project types and durations and do not ask for more funding than the maximum). 2. Remember that a flat overhead rate of 25% is applied to costs (except subcontracting). 3. Remember that due to European regulation, only 15% of purchased equipment can be reimbursed.
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Please see the Section 3.4 Guidance for Applicants available on www.efpf.org/funding-call/materials for more details on eligible costs.

Annex 3: Declaration of Honour

Declaration of honour on exclusion criteria and absence of conflict of interest

1. As legal representative it is declared that the entity is not:
 - a) bankrupt or being wound up, is having its affairs administered by the courts, has entered into an arrangement with creditors, has suspended business activities, is the subject of proceedings concerning those matters, or is in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
 - b) having powers of representation, decision making or controlling personnel being convicted of, or having been convicted of an offence concerning their professional conduct by a judgment which has the force of res judicata;
 - c) having been guilty of grave professional misconduct proven by any means which the contracting authority can justify including by decisions of the European Investment Bank and international organisations
 - d) failing to be compliant with obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which it is established or with those of the country of the contracting authority or those of the country where the contract is to be performed;
 - e) having powers of representation, decision making or controlling personnel having been the subject of a judgment which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity, where such illegal activity is detrimental to the Union's financial interests;
 - f) subject to an administrative penalty for being guilty of misrepresenting the information required by the contracting authority as a condition of participation in a grant award procedure or another procurement procedure or failing to supply this information, or having been declared to be in serious breach of its obligations under contracts or grants covered by the Union's budget.
2. I declare that the natural persons with power of representation, decision-making or control over the aforementioned legal entity are not in the situations referred to in b) and e) above.
3. I declare that I
 - a) am not subject to a conflict of interest and will take all reasonable measures to prevent any situation where the objectives of the EFPP project might be compromised due to undeclared shared interests;
 - b) have not made false declarations in supplying the required information to the project formally detailed as EFPP, and have not failed to supply the required information;
 - c) I am not in one of the situations of exclusion, referred to in the abovementioned points a) to f).
4. I certify that I:

- a) am committed to participate in the aforementioned project as part of the legal entity detailed above;
- b) have stable and sufficient sources of funding to maintain its activity throughout its participation in the aforementioned project, and will provide any counterpart funding necessary;
- c) have or will have the necessary resources as and when needed to carry out its involvement in the project.
- d) will comply with my responsibilities and obligations under the EFPF project.
- e) will respect any third party rights in relation to data provided for processing under the EFPF project.
- f) will abide by international, EU and national laws and regulations that might apply to the substance, or outcome, of data sharing arrangements as relevant to activities that I/my entity will be involved in under the EFPF project.
- g) will take all reasonable measures to safeguard data provided to me/my entity for use in the EFPF project against possible misuse and unauthorized access.
- h) will abide by international, EU and national laws imposing privacy and data protection requirements (including the General Data Protection Regulation (GDPR) (Regulation (EU) 2016/679)) as relevant. In particular, personal data shared under the EFPF project will not be re-used for purposes outside the project without the explicit prior consent of the data controller.
- i) will act in good faith as far as reasonably possible under the Project and fully apply the principles of the Ethics Statement.

Annex 4: Ethics Statement

This Ethics Statement underpins the EFPP project in setting out specific rules and standards of conduct expected from recipients of EFPP funding. Ethical conduct means acting consistently in a way that is ethical and fair and encouraging others to do likewise.

1. The standard of behaviour expected is additional to compliance with relevant legal rights and obligations arising automatically by virtue of law applying to each participant. It is also not intended to exclude or replace responsibilities agreed under contract with the EFPP consortium (in case your application is successful), as well as the certifications/declarations set out in the Declaration of Honour.
2. As legal representative of [insert legal entity name], I certify that **[insert legal entity name]** will adhere to the following principles as far as reasonably possible under the EFPP project:
 3. act in good faith;
 4. respect human rights;
 5. ensure research quality and integrity;
 6. be able to show that our findings are independent and non-discriminatory to any groups of individuals;
 7. not misrepresent credentials;
 8. demonstrate authenticity and validity of authorship;
 9. respect confidential information;
 10. secure any confidential information provided to prevent its misuse or unauthorized access;
 11. only share confidential information where necessary and only where the prior informed consent of anyone potentially affected by the disclosure of such information has been received;
 12. respect the privacy of any people identified from the findings of the EFPP project as far as possible;
 13. avoid any conduct that may cause anyone harm, and seek relevant individuals' informed consent for any activities that might affect them directly;
 14. determine the applicable laws that may apply to our activities under the EFPP project and plan our activities in accordance with such laws as early as possible;
 15. not collect or otherwise process any personal or sensitive data not essential for our EFPP activities;
 16. be fully transparent to the EFPP consortium about the purpose, methods and intended possible uses of our EFPP activities, and what risks, if any, are involved.
 17. seek advice promptly from the EFPP consortium where we believe ethical and/or legal risks may be raised by our activities.