



AMable Call for Solution Ideas (COVID-19)

Call Identifier AMable COVID-19
Document Guide for Applicants
Version 1.1

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1 Abstract

This document collates the rules and conditions to be applied for the Financial Support to Third Parties (FSTP) funding scheme to support Experiments through the competitive calls within the AMable project.

The aim of the AMable project in this call is to support actions that contribute to coping with the effects of the COVID-19 pandemic. The AMable consortium aims to team up with people from SMEs, mid-caps and from industry that have great ideas and need support to realize these ideas. In line with the original aim of AMable, this call will keep a focus on mid-sized companies.

AMable is co-funded from the European Union's Horizon 2020 research and innovation programme under grant agreement No 768775.

<https://www.amable.eu/>

http://cordis.europa.eu/project/rcn/211557_en.html

2 Call Aim and Topic

Through this call, AMable aims to support activities that propose a realistic solution to a practical challenge. Challenges that society currently sees in coping with the COVID-19 pandemic. The AMable consortium will publish these challenges in so called “challenge sets” on its web site. These challenges will be regularly updated.

When talking about challenges from such a challenge set, we mean e.g. a lack of equipment, helpful tools, replacement parts or parts that enable additional functionality. Overall, such challenges need to be solved when additive manufacturing provides a solution.

The applicants need to provide the following to be selected for support.

- A solution idea that would solve the selected challenge by additive manufacturing. The proposal needs to sketch the baseline of that idea.
- A list of tasks that need to be addressed to create the solution and the support that the proposer expects from the AMable consortium.
- List of the proposer’s expected effort to develop a first prototype of the solution, budget for personnel cost and consumables. (do not address cost of the support from AMable experts here)

The criteria for selection of a solution idea that addresses a specific challenge from a challenge set:

- 1) Impact of the experiment and the anticipated result
- 2) Excellence of the idea and approach
- 3) Quality and efficiency of the implementation

2.1 Services

AMable offers AM related services through its Services Arena. These services aim to support the Experimentation Teams to increase their knowledge and competence so that the Experimentation Team is able to come to a state where the product idea has a design that is additively manufacturable. Actions funded under this call will receive active support for the development from consortium experts, including test printing, simulation and construction where needed.

These services are explained in more detail at www.amable.eu/services.

2.2 Reporting and results

Progress of the work needs to be reported actively through digital media such as web based conference calls at least once a week. The experimenting parties / party needs to provide media such as images, sketches and video footage (smart phone based ;-). The support from AMable will also be delivered through digital media that honour the current social contact requirements at that time.

All results will be public. The solution idea experiment needs to produce a prototype and files that allow the reproduction, modification and uptake of the solution. This stands at the core of the activity.

All above media and solutions need to be free of any rights.

2.3 Dissemination and exploitation

Dissemination will be done by AMable with the above named material. The experimentation team is free to disseminate and exploit the result itself.

3 Conditions and Eligibility

3.1 Eligibility requirements and financial limitations

Applicable requirements and limitations are in line with Grant Agreement n°768775 signed by the AMable partners and the European Commission. The actual support is provided on the basis of Annex K of the H2020 Model Grant Agreement through Financial Support to Third Parties (FSTP).

3.1.1 Persons or categories of persons which may receive financial support (FSTP)

An entity that applies for financial support needs to be a natural person or a legally recognised company of any type, registered within the European Union or a country that is linked to the H2020 program. Preference will be given to SMEs and midcaps. Research and technology development organisations are not eligible, nor consortium members.

3.1.2 Activities for which a third party may receive financial support

Natural persons, SMEs, midcaps and large companies may receive funding for personnel and consumable resources to bring their idea to a robust prototype including the provision of all files needed to modify or reproduce the solution.

The overall budget should allocate at least 40% of the cost for personnel. Subcontracting should be less than 15% of the budget. Depreciation or cost for equipment is not eligible.

3.1.3 Criteria for calculating the exact amount of the financial support

The exact amount of the maximum financial support is calculated on the basis of the specified direct cost (without overhead). 70% of this value and 25% overhead will be allowed as financial contribution. This lump sum will be paid 50% upfront and 50% once the progress reporting is received including supporting media, the prototype and the files.

3.1.4 Maximum amount of support to be granted

No single party may receive more than 10.000 € from the AMable consortium per published challenge set unless it is necessary to achieve the objectives of the action. The maximum total support per proposal is 10.000 €.

3.2 Criteria for awarding financial support to Experiments

The proposals will be evaluated against three criteria.

#	Name and Explanation	Weight / Threshold
1	Impact of the experiment and the anticipated result: Potential impacts of the proposed products or businesses cases must be based on actual and realistic scenarios. The anticipated solution must address the published challenge set.	Weight 1 Threshold 3/5
2	Excellence of the idea and approach: The objectives of the solution idea experiment must be SMART (specific, measurable, assigned, realistic, time-bound) and must	Weight 1

	demonstrate a clear vision from the defined start to finish.	Threshold 3/5
3	Quality and efficiency of the implementation: The approach must address the AM digital design and manufacturing challenge. The Experimentation Team needs to demonstrate the potential to develop the solution idea within the time frame that is defined in the challenge set. The resource allocation needs to be appropriate.	Weight 1 Threshold 3/5

The selection of the proposals will be realised in a two-step process. Step one will involve experts to assess the viability of the approach of the solution idea in the respective application area. An online interview between experts and the proposers might be conducted to complement the proposal length of 1-3 pages, depending on the challenge sets. In a second step, the consortium will select proposals based on available resources and technological viability.

Funding is then awarded to the most highly prioritised proposals.

3.3 Publication

The call for proposals / open call will be published on the AMable website. It will be communicated through social media and on the web page of the Commission. The primary source for documents remains at the URL of the AMable web site (www.amable.eu).

3.4 Reimbursement of proposal preparation

Expenses incurred in the preparation and dispatch of the proposals will not be reimbursed.

4 Call data and conditions

Project Acronym	AMable
Project GA#	768775
Project full name	AdditiveManufacturABLE
Call Identifier	AMable COVID-19
Call Title	AMable Call for Solution Ideas to COVID-19 challenges
Publication Date	01. April 2020
Closing Date	01. October 2020
Evaluation Dates	Evaluation dates will be published together with the challenge sets.
Expected Duration	6-12 weeks
Total Budget	350.000 Euros
Maximum amount of financial support for a third party	60.000 Euros in total; 10.000 Euros per challenge set, party and proposal.
Eligibility	see guide for applicants
Proposal language	English (UK or US)
Proposal content	One proposal per experiment with a clearly identified lead partner. Content and structure should be based on the template published together with a challenge set. The allowed proposal length might range between one and three pages. This range value does not include cover pages or administrative information. If requested, the proposer needs to be available for an online interview (web conference) as part of the evaluation process.
Submission format	PDF file with less than 10Mbyte in size
Submissions & Questions	covid-19@amable.eu
Further information	www.amable.eu

4.1 Communications and Data Processing

We respect inventors and honour their engagement. To meet the objectives of the action, we reserve the right to publish submitted proposals.

4.2 Contractual conditions

The Experimentation Teams of each selected proposal may consist of multiple legal entities. One of these entities is the lead entity and responsible for communication and reporting. All legal entities will sign one contract per Experimentation Team with the coordinator, Fraunhofer ILT. Legal entities that are selected for funding become a Third Party of the consortium using Cascade Funding (also known as sub-granting).

Subgrantees have to comply with the rules and the principles mentioned in Section I, Article 6 (Eligible and ineligible costs) of the Grant Agreement (for

information see H2020 AMGA – Annotated Model Grant Agreement see http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf), in the same way as the beneficiaries of the AMable project. The rules concerning eligibility of costs, identification of direct and indirect costs and upper funding limits can be found in Section I, Article 22 of the H2020 AMGA.

The beneficiary of the EU grant must ensure that the recipients of the financial support allow the Commission, the European Anti-fraud Office (OLAF) and the Court of Auditors to exercise their powers of control on documents, information, even stored on electronic media, or on the final recipient's premises (AMGA Articles 22 and 23).

Beneficiaries need to declare their lack of any conflict of interest with AMable partners. This will ensure to prevent any situation where the impartial and objective of the awarding action is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest ("conflict of interest"). Applicants who cannot declare this will be not be awarded.