Amaltea

Advancing Green Deal Principles In SMart FacAde TechnoLogies For The ConstrucTion SEctor Based On AI, Data & Robotics

Guide for Applicants - 2nd Open Call
Call for SMEs & Start-ups: Innovative solutions for sustainable construction

Submission of applications starts: ***4 November 2026 at 9:00*** *Brussels Time*
Submission deadline: ***27 January 2027 at 17:00*** *Brussels Time*

Co-funded by the European Union

Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Health and Digital Executive Agency (HADEA). Neither the European Union nor the granting authority can be held responsible for them. The AMALTEA project received funding from the European Union's Horizon Europe Research and Innovation Programme under Grant Agreement No 101189678. This action has also received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI).

© 2025 – 2028 AMALTEA

Table of Contents

1. Basic Info about AMALTEA **3**
2. What do we offer? **4**
3. Eligibility Criteria **6**
3.1 Who are we looking for? 6
3.2 Ideal Project 7
3.3 What types of activities can be funded? 8
3.4 Ground rules 10
4. How will we evaluate your proposal? **12**
4.1 First Check 12
4.2 In/Out Scope Screening 12
4.3 External Evaluation 13
4.4 Consensus Meeting 15
4.5 Jury Day 15
4.6 Formal Check, Sub-grant Agreement Preparation and Signature 16
5. Our Support Programme and Payment Arrangements **16**
6. Contact us **18**
How can we help you? 18
Complaints 19
7. Last but not least - final provisions **19**
8. Extra hints before you submit your proposal **20**

History of changes

10.11.2026	Deleted the provision concerning Council Implementing Decision (EU) 2022/2506 and Hungarian Act IX of 2021 regarding public interest trusts and associated entities.	Page: 7
10.11.2026	Added the GDPR compliance requirement for funded projects in Section 3.4.	Page: 11

© 2025-2028 AMALTEA

1. Basic Info about AMALTEA

Welcome to the AMALTEA 2nd Open Call!

This guide is your entry point into the AMALTEA project—your opportunity to join an ambitious European initiative transforming the construction sector with cutting-edge robotics, AI, and data technologies. Here, you'll find essential information on our vision, how your participation can make an impact, and how to apply.

AMALTEA is a European-funded project aligned with the objectives of the EU Green Deal. It aims to revolutionise the curtain-wall facade value chain—from design to recycling—by leveraging robotics, AI, and data to reduce energy use, waste, and resource consumption while boosting safety, process reliability, and quality.

For this purpose, AMALTEA is building a **dynamic and multidisciplinary ecosystem** where key industry players, innovative SMEs, start-ups, and research institutions collaborate to reshape how buildings are designed and constructed:

- Large **industrial partners from the construction sector**: Providing pilot sites and contributing key insights and operational data from real-world implementation environments.
- Core **technical partners**: A diverse consortium of research centers, universities, and companies (both large enterprises and SMEs) collaborating to develop and integrate AI, robotic, and digital solutions.
- **Research institutions & SSH experts**: Contributing to the collaborative consortium-wide effort to ensure safe and human-centric deployment of technology.
- **Selected SMEs & Start-ups**: Bringing novel software and hardware solutions through our Open Calls to enhance and complement the project's technological capabilities.

This project spans across Europe with four large-scale pilot sites. It combines digital means, one related to parametric design and another to artificial intelligence, and physical means, one related to manufacturing activities and two related to the use of the system in real building scenarios. The integrated solutions are validated in industrial environments. They are also tested in real-world construction sites covering residential/hospital and office/tertiary typologies.

Second Open Call funding instruments

As part of this Open Call, applicants may choose one of the two available funding tracks, depending on the nature of their solution:

1. **Software Solutions for facade Applications**

Up to **7 projects selected** | Max funding per project: **100.000 Euros**
For developing and testing innovative software solutions.

© 2025-2028 AMALTEA

2. **Hardware Solutions for facade Applications**

Up to **9 projects selected** | Max funding per project: **200.000 Euros**
For developing and testing novel robotics that combine software and hardware solutions for off-site and on-site hardware implementation.

Why Apply?

- **Develop cutting-edge** digital and robotic solutions for facade applications
- **Validate your solutions** in full-scale industrial and construction pilots across Europe.
- **Access a rich ecosystem** of industrial leaders, research institutions, and digital platforms.
- **Receive targeted mentoring** for technical development and business growth.
- **Contribute to the EU Green Deal** by enabling more sustainable and efficient buildings.
- **Drive digital transformation** in a traditionally manual and fragmented sector.

Next Steps:

📖 **Carefully review this Guide** to fully understand the Open Call scope, eligibility, and application procedures.

💬 **Need support?** Join the conversation in the Discord Community or contact us via email at helpdesk.amaltea@fundingbox.com.

🌍 **More info at:** https://amaltea-project.eu/

Second Open Call application details:

🔗 **Online application form:**
https://opportunities.getonepass.eu/open-opportunities/amaltea/2nd-opencall

🚀 **Launch date:** 4 November 2026, 09:00 (Brussels Time)

⏳ Deadline to apply: 27 January 2027, 17:00 (Brussels Time)

📑 **Technical Guidelines:** comprehensive description of AMALTEA challenges, pilots, and digital tools

📑 **Gantt template:** Please fill in only the tab corresponding to your Funding Instrument and upload the GANTT of your project using this template.

2. What do we offer?

The **AMALTEA project** offers a comprehensive support programme designed to bring the most innovative digital and technical solutions into the construction sector, especially for the curtain-wall facade value chain.

Through our **two Open Calls**, we will allocate a total of a maximum of **4.000.000 Euros of financial support to third parties (FSTP)** for up to **26 selected projects**.

© 2025-2028 AMALTEA

Funding rate:

- The AMALTEA project will offer a **lump sum covering up to 70%** of the project budget for selected FSTP beneficiaries, but not exceeding 100.000 Euros for software solutions and 200.000 Euros for hardware solutions**. Thus, the applicants must demonstrate the capacity to provide at least 30% of the total project budget** through self-financing.

- **An exception for the non-profit legal entities**[1] that can receive **up to 100% funding,** not exceeding 100.000 Euros for software solutions and 200.000 Euros for hardware solutions.

Examples:

70% of funding for software solutions:

- If your project's costs are 100.000 Euros in total, you can receive a grant of up to 70.000 Euros.

- If your project's costs are 143.000 Euros in total, you can receive a grant of up to 100.000 Euros

70% of funding for hardware solutions:

- If your project's costs are 200.000 Euros in total, you can receive a grant of up to 140.000 Euros

- If your project's costs are 286.000 Euros in total, you can receive a grant of up to 200.000 Euros.

100% for non-profit legal entities:

- Software solutions: If your project's costs are 100.000 Euros in total, you can receive a grant of up to 100.000 Euros.

- Software solutions: If your project's costs are 120.000 Euros in total, you can receive a grant of up to 100.000 Euros

- Hardware solutions: If your project's costs are 200.000 Euros in total, you can receive a grant of up to 200.000 Euros.

- Hardware solutions: If your project's costs are 250.000 Euros in total, you can receive a grant of up to 200.000 Euros.

The **Second Open Call** will select and fund up to **16 top-ranked projects** that best address the **up to 16 innovation challenges** (up to 7 software-focused and 9 hardware-focused). The total available budget for this open call is up to **2.500.000,00 Euros.**

Applicants can propose solutions to **either software or hardware challenges**, and the final selection will include a **mix of both**, with a maximum total of **16 beneficiaries**.

Each project will be matched with mentors from AMALTEA's core partners, providing hands-on guidance throughout the execution phases—from technical refinement to pilot validation.

[1] non-profit legal entity' means a legal entity which by its legal form is non-profit-making or which has a legal or statutory obligation not to distribute profits to its shareholders or individual members (Article 2(18) of Regulation (EU) 2021/695)

© 2025-2028 AMALTEA

- **For Software Solutions**, the support spans a total of **9 months**, structured as follows:
  - An initial phase dedicated to developing an **Individual Mentoring Plan (IMP)** and delivering a **Proof of Concept**
  - A focused **Solution Development** stage
  - Followed by **Testing and Validation** in relevant environments

- **For Hardware Solutions**, the programme extends over **12 months**, comprising:
  - A **Prototype development** phase alongside the **IMP** development**.**
  - A comprehensive **Solution Development** period
  - Concluding with **Testing and Validation** under real-world conditions

Additionally, the selected projects will receive dedicated business support and investment assessment focused on accelerating commercial success.

This comprehensive support—both technical and business-oriented—is designed to help you **transform your project into actionable, scalable solutions** for the future of construction.

3. Eligibility Criteria

To participate in the AMALTEA programme, you have to meet all the criteria described in this Section of the Guide, pass our evaluation process, and finally, sign the Subgrant Agreement with the AMALTEA Consortium.

Projects that do not comply with the criteria described in this section will be excluded. We will check the eligibility criteria during the whole evaluation process.

3.1 Who are we looking for?

We are looking for individual SMEs[2] (including start-ups) registered as legal entities no later than at the end date of the AMALTEA 2nd Open Call (no later than 27 January 2027) in the following countries:

- The Member States of the European Union and their Overseas Countries and Territories (OCT) or
- Associated Countries (AC) to Horizon Europe[3].

[2] An **SME** will be considered as such if it complies with the European Commission's Recommendation 2003/361/EC. As a summary, the criteria defining an SME are:
• Headcount in Annual Work Unit (AWU) less than 250;
• Annual turnover less or equal to €50 million OR annual balance sheet total less or equal to €43 million.
Note that the figures of partners and linked enterprises should also be considered as stated in the SME user guide. For detailed information check EU recommendation:
https://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en

[3] those that have signed an agreement producing legal effects with the European Union (EU) as identified in the Horizon Europe Programme Guide) according to the updated list published by the European Commission (EC). For the AMALTEA project, the reference version at the time of the signature of the AMLATEA Grant Agreement is v3.1 (11-07-2024)

© 2025-2028 AMALTEA

The applicants who are subject to EU restrictive measures under Article 29 of the Treaty on the European Union (TEU) and Article 215 of the Treaty on the Functioning of the EU (TFEU)[4] are not eligible to participate in this open call.

We are especially interested in digital technology developers, deep tech and AI-driven companies, tech providers for the construction sector, particularly those innovating in Digital Twins, robotics, automation, computer vision, BIM, data standardization, sensor integration, and human-machine interfaces.

This includes **companies offering advanced software or hardware** that support the digitalization, sustainability, and automation of the facade construction value chain—from design to installation and recycling. We welcome interest from **start-ups and SMEs** working on, among others, machine learning, robotic integration, mobile service robotics, UX/UI development, data-informed spatial analytics, and real-time robotic communication within complex construction environments.

The AMALTEA partners (or their affiliate entities or employees) are not eligible to act as applicants.

3.2 Ideal Project

An ideal AMALTEA project offers a concrete, innovative solution that tackles one of AMALTEA's specific challenges with clear potential to transform current practices in the **curtain-wall facade construction sector.**

Below are key criteria that define a best-fit proposal:

- **Alignment with AMALTEA objectives**
  Proposals must support AMALTEA's mission of modernising façade construction by integrating advanced **AI, robotics, digital twin technologies**, and **circular design principles**. Each proposal must target one of the fifteen defined challenges, delivering focused innovation that meets that challenge's requirements. All proposed solutions should be feasible for testing in the real-world pilot environments specified in this call.

- **Technology Readiness Level (TRL)**
  Proposals must build on existing technologies at **TRL 3–5** and advance them to **TRL 6–7** by the end of the project. This means your solution should already exist as a small-scale prototype or coded component (TRL 3–5), and be ready for integration and validation. Through AMALTEA's pilot projects, you will refine both hardware and software to demonstrate a fully integrated system at TRL 6–7.

- **Solution specificity**
  Solutions must be both **technically and conceptually compatible** with AMALTEA's Digital Tools, developed by AMALTEA partners, ensuring smooth integration into the broader platform that supports pilot challenges. The solutions must offer enough flexibility to accommodate or be cross-platform compatible and ensure as much compatibility with other systems as possible.

[4] Please note that the EU Official Journal contains the official list and, in case of conflict, its content prevails over that of the EU Sanctions Map.

© 2025-2028 AMALTEA

- **Scalability and impact**
  Proposals should highlight the **scalability** of the solution and its **potential impact** on reducing environmental footprint, improving operational efficiency, and contributing to the sector's digital transformation. Integration into one or more of AMALTEA's large-scale pilots is highly desirable.

By focusing on these elements, your project will be well-positioned to support the **green transition** and contribute meaningfully to AMALTEA's overarching goals.

Here are some illustrative examples of potential projects that align with AMALTEA's challenges:

- **Centralized data model generated throughout the value chain of a facade system**
  ↳ **Challenge 1: Integrated data storage and standardization for digital façade systems**
  A cloud-based solution that allows architects, engineers, and operators to access the same technical data in real time from different devices and tools.

- **AI training to optimize the design phases of facade systems**
  ↳ **Challenge 2: Parametric solution generator for AI training**
  A Grasshopper script that automatically generates 5,000 facade designs along with their physical properties and associated thermal simulations.

- **Web-based graphical interface with platform-independent accessibility**
  ↳ **Challenge 3: Web-based GUI for design decisions of platform-independent accessibility**
  A web dashboard that shows in real time how different geometries affect a building's energy consumption, helping to select the most sustainable option.

- **Computer vision for quality control in manufacturing and installation processes**
  ↳ **Challenge 4: Advanced inspection and control systems for quality assessment in robotic manufacturing**
  A camera installed in a robotic cell that detects within X seconds whether a weld has cracks or deviations from the standard.
- **Quality control without the need for fixed templates**
  ↳ **Challenge 5: Adaptive manufacturing and quality control**
  A system with sensors and algorithms that recognizes the panel geometry in real time and adjusts the welding robot's path without the need to generate a specific drawing.

3.3 What types of activities can be funded?

To qualify for financial support, proposed activities must align with the AMALTEA Project's goal to foster advanced digital and robotic solutions across the facade construction value chain.

The AMALTEA 2nd Open Call will fund two types of innovation activities based on the nature of the proposed solution, **software** or **hardware** *(which also incorporates essential software components)*, each addressing specific challenges in the curtain-wall facade lifecycle.

© 2025-2028 AMALTEA

- 1st Funding Instrument: **Software Solutions** for facade applications

  This instrument supports the development and testing of **innovative software solutions** that integrate into the facade value chain, either as novel technologies or as tools to assess and demonstrate performance in pilot scenarios.

  Eligible solutions must address one of the defined challenge described in the Technical Guidelines.

  Applicants are encouraged to leverage existing digital resource platforms such as the **AI-on-Demand Platform**, the **Digital Industrial Platform for Robotics**, and others, where relevant.

- 2nd Funding Instrument: **Hardware Solutions** for facade applications

  This instrument supports the development and testing of **innovative hardware technologies** and their software-hardware systems applicable to the facade automated construction value chain.

  Eligible solutions must address one of the defined challenges described in the Technical Guidelines.

All proposed activities must be aligned with AMALTEA's overarching goals, which include streamlining facade construction processes, reducing costs, minimising material waste, improving safety, enhancing quality, and shortening project timelines. Environmental sustainability and the integration of circular design principles are central to these efforts.

Solutions developed by applicants must be technically and conceptually **compatible with the Digital Tools developed by the AMALTEA Project** to ensure seamless integration into the broader digital ecosystem designed to meet the pilot challenges. Depending on the type of project and challenge, and considering the specific needs of the AMALTEA Project, these solutions might have to be made available as open source during the project execution and offered as part of the AMALTEA ecosystem.

European Dimension

Proposals must demonstrate a strong **European dimension**, showing how the proposed solution contributes to EU priorities such as the **Green Deal**, the **Renovation Wave**, and the **Strategy for a Sustainable Built Environment**. This includes supporting the transition to energy-efficient, circular, and low-emission construction practices. Solutions that improve the sustainability, durability, and adaptability of building components—particularly facades—are especially relevant, as facades significantly impact both energy performance and construction waste.

Your proposal should clearly explain how it contributes to the **EU's goal of net-zero energy consumption for new buildings by 2030** and the **full building stock by 2050**.

D**uring evaluation, we will assess how well your solution aligns with these EU objectives.** This includes its potential to reduce energy use, minimize waste, support circularity, and enhance digitalization and competitiveness in the construction sector.

© 2025-2028 AMALTEA

For a detailed description of the Digital Tools, challenges, and technical requirements, please refer to the **Technical Guidelines**.

3.4 Ground rules

When applying to the AMALTEA open call, please also note that:

- **Be on time and use our system:** only proposals submitted through the online form before the deadline of January 27, 2027, at 17:00 Brussels Time will be evaluated and considered for funding. If you submit the form correctly, the system will send you a confirmation of your submission. Get in touch with us if it is not the case.
- **English Language**: your proposal must be written in English in all mandatory parts to be eligible. Only parts written in English will be evaluated. If any mandatory parts of the proposal are in any other language, the entire proposal will be rejected. If only non-mandatory parts of a proposal are submitted in a language different from English, those parts will not be evaluated, but the proposal is still eligible.
- **Every question deserves your attention:** all mandatory sections - generally marked with an asterisk - of your proposal must be completed. The data provided should be actual, true, and complete, and should allow assessment of the proposal. Additional material, not specifically requested in the online application form, will not be considered for the evaluation.
- **Be exhaustive:** You have to verify the completeness of the form, as it won't be possible to add any further information after the deadline. After the proposal is submitted, you will be able to modify the form until the deadline.
- **Conflicts of interest**: we will take into consideration the existence of a potential **conflict of interest** between you and one or more Consortium partners. Consortium partners, their affiliated entities, employees, or persons treated as personnel (ex., working under a B2B contract) cannot take part in the AMALTEA programme. All cases of potential conflict of interest will be assessed on a case-by-case basis.
- **Healthy finances and a clean sheet are a must:** we don't accept entities that are under liquidation or are an enterprise under difficulty[5] according to the Commission Regulation No

[5] An enterprise will be considered an undertaking in difficulty ii more than half of the capital has disappeared. This refers to the loss of "subscribed share capital". If profit and loss reserves deficit more than 50% of share capital, there is a potential problem with the company. (Article 2, item 18 point a) and b)

(a) In the case of a limited liability company (other than an SME that has been in existence for less than three years […]), where more than half of its subscribed share capital has disappeared as a result of accumulated losses. This is the case when deduction of accumulated losses from reserves (and all other elements generally considered as part of the own funds of the company) leads to a negative cumulative amount that exceeds half of the subscribed share capital. For the purposes of this provision, 'limited liability company' refers in particular to the types of company mentioned in Annex I of Directive 2013/34/EU (1) and 'share capital' includes, where relevant, any share premium

(b) In the case of a company where at least some members have unlimited liability for the debt of the company (other than an SME that has been in existence for less than three years […]), where more than half of its capital as shown in the company accounts has disappeared as a result of accumulated losses. For the purposes of this provision, 'a company where at least some members have unlimited liability for the debt of the company' refers in particular to the types of company mentioned in Annex II of Directive 2013/34/EU.

Please note that, if your SME exist from less than three years, you won`t be considered as undertaking in difficulties.

© 2025-2028 AMALTEA

651/2014, art. 2.18, or that are excluded from the possibility of obtaining EU funding under the provisions of both national and EU law, or by a decision of both national or EU authority. We also don't accept entities that are meeting national regulations regarding bankruptcy.

- **It is your proposal:** your project should be based on your original work and your right to use the IPR must be clear. Any work related to the implementation of the project described in the application may not violate the IPR of third parties, and the IPR of the application project may not be the subject of a dispute or proceedings for infringement of third-party IPR.

- **Submission and modification of the Applications**: It will not be possible to update any information or modify your proposal application after the deadline. The only exception is if a mistake has been made in the key administrative data (e.g., contact mail or phone, name of the company, etc.). In this case, the applicants have to contact us by email, indicating the proposal ID, their username, and the data that should be corrected.

- **Funding limit:** The maximum amount of financial support (grant) will never exceed 200.000 EUR per third-party.

- **Multiple submissions:** Though you can submit multiple applications to different challenges in this open call, an applicant cannot be funded twice by AMALTEA. **In the case that more than one proposal from the same applicant will be among the selected projects, only the one with the highest score will be funded**. **Applicants are permitted to submit a maximum of 3 proposals irrespective of the Funding Instrument, with the condition that each proposal addresses a distinct challenge offered by AMALTEA**. This means, if you submit one distinct proposal for each challenge, you can submit up to 3 proposals in total. If an applicant submits more than one proposal to the same challenge, only the last submitted proposal will be evaluated.

- **AI content:** The use of AI tools to improve clarity and structure is permitted, provided the content remains accurate and fact-based. Applications may be rejected if found to be AI-generated and lacking a factual foundation. All submissions must be authentic reflections of the project, and the applicant team must evidence the technical and operational capacity required for implementation. Providing unverifiable or non-authentic information is grounds for immediate rejection.

- **Acceptance of the open call rules:** To apply for this open call, you have to accept its rules and regulations detailed in this Guide for Applicants.

- **GDPR compliance of funded projects**: Applicants must ensure that all proposed solutions strictly comply with EU data protection legislation (GDPR) and incorporate Privacy by Design and by Default principles.

AMALTEA **Info Day** was held on 29th of October, 2026 at 11 AM Brussels Time. We will also host **two 'How to Apply' webinars** on 19th November, 2026 at 11 AM Brussels Time and **14th of January, 2027 at 11 AM Brussels Time** for this open call. They will be announced at the project website and in the AMALTEA community.

© 2025-2028 AMALTEA

If you need extra hints on how to prepare your application, check out the section: Extra Hints to submit your proposal.

4. How will we evaluate your proposal?

Our evaluation process is transparent, fair, and equal to all our participants with a clearly defined complaint procedure (see section Complaints). We will evaluate your project **in five phases.**

For this call, we are looking for the best fit for our project, and we anticipate a high volume of applications. Since our primary concern is quality over quantity, we encourage you to put in the effort to present your project in the best possible way, offering as much detail as you can. This will assist us in evaluating your application and identifying how your proposal aligns with the overall scope of AMALTEA.

4.1 First Check

After the closure of the open call, we will review the proposals to ensure they meet the conditions outlined in Section 3. This assessment will be based on the statements provided in your proposal.

At this stage, the eligibility criteria are checked against the Declaration of Honour or self-declarations included in the application form, and they will be continuously verified throughout the evaluation process, including the final formal check.

Proposals that do not comply with the above-mentioned criteria will be rejected.

We will inform the rejected applicants about the results of the admissibility and eligibility check phase.

4.2 In/Out Scope Screening

The Selection Committee members will oversee this phase of the in/out evaluation process.

To maximise the impact within the framework of AMALTEA, your proposal must be aligned with the scope of activities outlined in Section 3.2 and Section 3.3 and provide a clear demonstration of this alignment.

For this reason, one partner from the Selection Committee will review the following aspects of your proposal:

1. **Scope.** The objectives of the proposal must fit within the scope of the AMALTEA project as described in Section 3.2. and Section 3.3.
    a. The objectives of the proposal clearly fit within the scope of the Amaltea project. The type of activities eligible for funding involve fosteing advanced digital and robotic solutions across the facade construction value chain related to two types of innovation activities based on the nature of the proposed solution, **software** or **hardware** *(which also incorporates essential software components)*.
    b. The eligible activities must focus on one of the 15 challenges defined by the AMALTEA consortium described in the Technical Guidelines.
    c. The proposed solution starts at TRL ≥3-5 and presents a credible path to TRL 6–7.

© 2025-2028 AMALTEA

   d. Solutions must be both **technically and conceptually compatible** with AMALTEA's Digital Tools. The solutions must offer enough flexibility to accommodate or be cross-platform compatible and ensure as much compatibility with other systems as possible.
   e. Integration into one or more of AMALTEA's large-scale pilots is highly desirable.
2. **European Dimension.** The project should have a European dimension as described in section 3.3 of this Guide for Applicants.
   a. It should clearly explain how it contributes to EU priorities such as the **Green Deal**, the **Renovation Wave**, **Strategy for a Sustainable Built Environment**, **EU's goal of net-zero energy consumption for new buildings by 2030** and the **full building stock by 2050**.
   b. It supports EU priorities such as digitalisation, competitiveness of EU SMEs, and modernisation of the energy sector.

The Selection Committee members will assess if your proposal matches the criteria mentioned above, following a "Yes/No" approach. They will justify their assessment in case of rejection of the proposal.

We will inform all the eligible applicants about the results of In/Out Scope Screening. Be aware that proposals that do not comply with any of the aspects described above will be rejected. The ones complying with all of them will move on to the experts' independent individual evaluation phase.

4.3 External Evaluation

In this phase, each project will be evaluated by up to **3 external and independent evaluators** from the pool of External Experts. These external experts will be independent from the applicants and cannot be Consortium partners' employees, permanent collaborators, or board members.

Your proposal will be evaluated within the following awarding criteria:

(1). EXCELLENCE will evaluate:

- **Ambition.** The applicants have to demonstrate to what extent the proposed third-party project contributes to the project scope, the project has a European dimension, and is beyond the State of the Art. The third-party project has to describe the innovative approach behind it (e.g. ground-breaking objectives, novel concepts and approaches, new products, services, or business and organisational models). Third-party projects have to demonstrate how the proposed developments can contribute and be technologically advanced to solve the challenges identified by the AMALTEA Project and therefore contribute to the Green Deal's objectives.

- **Innovation:** applicants should provide information about the level of innovation within their market and about the degree of differentiation that this project will bring.

- **Soundness of the approach** and credibility of the proposed methodology.

(2). IMPACT will analyse:

© 2025-2028 AMALTEA

- **Market opportunity:** The applicants have to demonstrate a clear idea of what they want to do and whether the new/improved product has market potential, e.g. because it solves a problem for a specific target customer.

- **Competition:** The applicants have to provide information about the degree of competition for their particular product/service, and if the idea is disruptive and breaks the market. i.e. the products/services to be brought to market can be differentiated from the competition.

- **Commercial Strategy and Scalability:** The applicants have to demonstrate the level of scalability of the new/improved product, meaning by not addressing a specific problem but being able to be commercialised to solve a structural problem in a specific sector/process/etc.

- **Environmental and social impact:** The applicants have to demonstrate the project's contribution towards environmental, social, and economic impacts to contribute to sustainable development, the Green Deal, and other European policies. The use of common resources from other digital resource platforms, such as the AI-on-Demand platform, Digital Industrial platform for Robotics, among others, will be taken into account when assessing this criterion.

(3). IMPLEMENTATION will consider:

- **Team:** The applicants have to demonstrate their management and leadership qualities, their ability to take a concept from ideas to market, their capacity to carry through their ideas, and understand the dynamics of the market they are trying to tap into. The team should be a cross-functional team, with a strong background and skills base, and taking into account its gender balance.

- **Resources.** Demonstrate the quality and effectiveness of the resources assigned to achieve the objectives/work plan/deliverables proposed. *In the case of for-profit entities, the commitment of 30% self-financing of activities should be secured by each for-profit entity.*

The evaluators will score each award criterion on a scale from 0 to 5:

- 0 = Proposal fails to address the criterion or cannot be assessed due to missing or incomplete information
- 1 = Poor – criterion is inadequately addressed or there are serious inherent weaknesses
- 2 = Fair – proposal broadly addresses the criterion, but there are significant weaknesses
- 3 = Good – proposal addresses the criterion well, but several shortcomings are present
- 4 = Very good – proposal addresses the criterion very well, but a small number of shortcomings are present
- 5 = Excellent – proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Each evaluator will produce an Individual Evaluation Report. Once the Individual Evaluation Reports are submitted, **the final score for each criterion** will be calculated as the average of the scores provided by each evaluator. The **final score of each application** will be calculated as the sum of the scores for each criterion.

The threshold for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, is 10 points.

© 2025-2028 AMALTEA

Experts evaluating the proposals will join a Consensus Group to discuss the cases where there is a significant divergence between the evaluators' scoring. In case no consensus is reached in the Consensus Group, an additional evaluator will be included to provide an extra evaluation.

Ties in the final evaluation score (in the external evaluation phase) will be solved using the following criteria, listed in order of priority:

- The highest score in the Impact Section.
- Gender balance among the personnel responsible for carrying out the activities.
- Other factors related to the objectives of the call (to be determined by the Selection Committee).

As a result of this evaluation phase, a 'Ranking list' will be produced. All proposals that reach the threshold or are scored above the threshold will pass to the next phase.

Please note that we need time to process all the proposals in this phase, so you probably won't hear back for a while.

4.4 Consensus Meeting

The 'Selection Committee' - including 2 or 3 external experts (in advisory capacity) who participate in the Independent External Evaluation - will decide, at this stage, the 'List of Jury Day participants' to be invited to the Jury Day.

The discussion will be based on the ranking obtained as a result of the External Evaluation phase.

Bear in mind that even if it is normally the best-marked proposals that are selected for funding, the Selection Committee may have fair reasons for objecting to the selection of a specific candidate. These reasons can relate to:

- The alignment with AMALTEA goals and scope.
- The ability to achieve the strongest possible impact.
- Commercial competition.
- The existence of significant ethical concerns.
- The existence of a potential conflict of interest[6].

In this case, the choice may pass to the next-ranked proposal. The exact number of proposals approved will be decided based on the overall **quality** of the proposals.

4.5 Jury Day

If your proposal has been selected following the Consensus Meeting, you **will be invited to the Jury Day,** where you will have the opportunity to pitch your project in front of the AMALTEA Jury, composed of the Selection Committee.

At the Jury Day, the AMALTEA Selection Committee will select the finalists, taking into account the following **awarding criteria:**

- High potential impact on the project's goals
- Vision and attitude of the Team

[6] Please note that this is not a closed list of reasons.

© 2025-2028 AMALTEA

- Positive impact on the applicant's processes

The Selection Committee will decide by consensus (minimum ⅔ of majority votes) the 'Provisional List of FSTP recipients' and 'Reserve List'.

The exact number of proposals approved will be decided based on the overall quality of the proposals. In case the number of proposals approved is lower than expected, 'Selection Committee' may decide either to select a lower number of beneficiaries, in this particular open call, or to extend the selection process by inviting applicants (over the threshold) from the next places on the ranking list, obtained as a result of External Evaluation, and organise an 'additional online pitching session' i.e. a simplified version of a Jury Day.

After the Jury Day, we will notify all the participants of their selection status and next steps.

4.6 Formal Check, Sub-grant Agreement Preparation and Signature

Before you get started with the AMALTEA programme, you need to sign the Sub-grant Agreement with the AMALTEA Consortium.

Before signing the Agreement, you should provide documents regarding your formal status. The AMALTEA Consortium will verify them to prove your eligibility.

To confirm your formal status, we may ask you for (not an exhaustive list): the company's registration document, the legal representation (optionally POA), tax ID number, ownership structure[7], financial statements, document/s confirming the staff headcount, Bank Identification form, and other documents in case of doubts raised during the checks.

Be extremely vigilant to:

1. **The nature of the documents** we request.
   If the documents you provide us with do not prove your eligibility, your participation will end here.

2. **The deadlines** that we will give you to hand us these documents.
   If you do not deliver the requested documents on time, without a clear and reasonable justification, we will have to exclude you from further formal assessment. Another applicant from the Reserve list will then replace you.

5. Our Support Programme and Payment Arrangements

Once your eligibility has been confirmed following the formal check and the Sub-grant Agreement signed, you will become an official beneficiary of the AMALTEA programme.

As a selected grantee, you will receive a fixed lump sum of up to **100.000 Euros** for the 1st Funding Instrument (Software Solutions for facade applications) or up to **200.000 Euros** for the 2nd Funding Instrument (Hardware Solutions for facade applications).

[7] If the ownership structure is not clear from the registration documents, additional documents confirming the ownership structure, e.g. statute, company deed, founding act, share register, in a joint-stock company - list of the company's shareholders; etc, may be requested.

© 2025-2028 AMALTEA

The lump sum is a simplified method of settling expenses in projects financed from Horizon Europe Programme funds. It means that the grantee is not required to present strictly defined accounting documents to prove the cost incurred (e.g., invoices) but is obliged to demonstrate that the implementation of the project is in line with the milestones set for it. Simply speaking, it means that we will carefully assess your progress and the quality of your work during Interim Reviews. The milestones (deliverables, KPIs, and ethical recommendations) will be fixed in the 'Individual Mentoring Plan' elaborated at the beginning of the programme.

The lump sum method does not exempt you from collecting documentation to confirm the costs under fiscal regulations.

Grant will be paid in the following scheme:

- 1st Funding Instrument: Software Solutions for facade Applications

Stage	Deliverable	Duration	AMOUNT	% Total grant
Stage 1: Individual Mentoring Plan & Proof of Concept	IMP & PoC	1 month	up to 15.000 Euros	15%
Stage 2: Software Solution Development	Alpha version developed	5 months	up to 60.000 Euros	60%
Stage 3: Software Solution testing & validation	Alpha version testing/integration report	3 months	up to 25.000 Euros	25%
Total		**9 months**	**up to 100.000 Euros**	**100%**

- 2nd Funding Instrument: Hardware Solutions for facade Applications

Stage	Deliverable	Duration	AMOUNT	% Total grant
Stage 1: Individual Mentoring Plan & Prototype	IMP & Prototype design	3 months	up to 45.000 Euros	22,5%
Stage 2: Hardware Solution Development	Prototype developed	6 months	up to 90.000 Euros	45%
Stage 3: Hardware Solution testing & validation	Prototype testing/integration report	3 months	up to 65.000 Euros	32,5%
Total		**12 months**	**up to 200.000 Euros**	**100%**

In the case of for-profit legal entities, the grant amount is max 70% of the costs estimated for the execution of the project, while in the case of non-profit legal entities, the grant amount can be up to

© 2025-2028 AMALTEA

100% of the project costs. However, in both cases, never more than 100.000 Euros for software solutions and 200.000 Euros for hardware solutions.

Payment of the given tranche depends on the proper and timely execution of the work planned in the **'Individual Mentoring Plan'.** The Selection Committee will evaluate your progress regularly. For more details, check the article section 5 of the SGA templates - Software Solutions (1st Funding Instrument) and Hardware Solutions (2nd Funding Instrument).

A **delayed payment mechanism may** be applied to all payments. **20%** of the total grant amount awarded to each Beneficiary will be paid once the entire AMALTEA Project is completed. This payment should occur approximately 9 months after the project's conclusion. The expected end date of the AMALTEA Project is December 31, 2028. Relevant provisions will be included in the Sub-grant Agreements. Please bear in mind that the AMALTEA project may be extended.

Milestones' review

The evaluation of the third-party projects' performance at the Milestone Review will be done by the AMALTEA Technical Partners and Ethics Experts (in the case of third-party projects where specific requirements on ethics have been included as deliverables in the Individual Mentoring Plan).

The **evaluation** will be done based on the following criteria:

- Deliverables' quality (Weight 30%)
- Technical performance indicators (Weight 60%)
- Deadline Compliance (Weight 10%).

For the IMP delivered in the first milestone, only Deliverables' quality (weight 90%) and Deadline compliance (weight 10%) criteria will be applied. Regarding Quality, the assessment will cover: deliverables setup (adequacy to the project), budget relevance and completeness, KPIs relevance, and ethical actions (where applicable).

Each criterion will be scored from 0 to 10, and based on the weight of each criterion, the final score will be calculated. The threshold to continue in the programme is 7 points.

The Selection Committee will review and validate the evaluations, paying special attention to the 'under threshold' cases, if any, by taking into consideration all possible objective reasons for underperformance (i.e., external factors which might have influenced the beneficiaries' performance). The Selection Committee will make the final decision and approve the payments or invite third-party projects that have not reached the threshold to leave the programme.

6. Contact us

How can we help you?

If you have any questions regarding our application process, feel free to post your questions on the Discord Community or email us at helpdesk.amaltea@fundingbox.com.

Responses to any questions are provided on an individual basis, do not constitute a change to this Guide for Applicants, and are provided for informational purposes.

© 2025-2028 AMALTEA

In case of any technical issues or problems, please include the following information in your message:

- username, phone number, and email address;
- details of the specific problem (e.g,. error messages you encountered, bug description, i.e., if a dropdown list isn't working, etc.); and
- screenshots of the problem.

Complaints

If you believe that a mistake has been made after receiving the results of one of the evaluation phases (when foreseen), you may submit a complaint. To do so, please email us your complaint in English at helpdesk.amaltea@fundingbox.com **within 3 working days** after sending the results to you. Your complaint must include the following information:

- contact details (including email address);
- the subject of the complaint;
- information and evidence regarding the alleged breach.

Please note that we will review only complaints related to:

- errors in the process caused by our staff,
- technical issues beyond the applicant's control,
- clear human or mechanical errors made by our staff,
- incorrectly marked statements, minor clerical errors, and obvious typographical mistakes.

Please note that we will not review complaints related to the content of the expert evaluations.

We will review your complaint within seven calendar days from its receipt. If we need more time to assess your complaint, we will inform you about the extension by email. We will not review anonymous complaints as well as complaints with incomplete information.

7. Last but not least - final provisions

Any matters not covered by this Guide will be governed by Polish law and rules related to the Horizon Europe Programme and general rules of EU grants.

Please take into account that we make our best effort to keep all provided data confidential; however, for the avoidance of doubt, you are solely responsible for indicating your confidential or sensitive information as such.

Your IPR will remain your property.

You must provide the AMALTEA Consortium Partners access to your background and results produced during your project execution within AMALTEA. Please see Articles 7, 26 and 27 of the Subgrant Agreement template for details.

© 2025-2028 AMALTEA

In case the AMALTEA Consortium Partner and the awarded beneficiary collaborate on the beneficiary's project, they may generate joint results/IPR. The basic provisions regarding this aspect will be regulated in the Subgrant agreement. However, if further regulations are necessary, the Beneficiary and the engaged AMALTEA Consortium Partner will need to sign additional agreements solely between themselves in this regard.

For the selected grantees, the Sub-grant agreement will include a set of obligations towards the European Commission (for example: promoting the project and giving visibility to the EU funding, maintaining confidentiality, understanding potential controls by the EC/ECA, EPPO, and OLAF).
The AMALTEA Consortium might cancel the call at any time, change its provisions, or extend it. In such a case, we will inform all applicants about such a change. The signature of the Sub-grant agreement is an initial condition to establish any obligations among applicants and any Consortium partners (concerning the obligation of confidentiality of the application).
Did you not find what you were looking for? Contact us and we will happily answer all your questions.

8. Extra hints before you submit your proposal

A proposal takes time and effort, and we know it. Here are a few crucial points you should read before submitting your proposal.

- Is your project in line with what AMALTEA is looking for? You are not sure? You can consult this section and this one.
- Did you present your project in a way that will convince evaluators? Not sure if you did? Go back to this section.
- Is your project fulfilling all eligibility requirements described in the Guide? Check this section again.
- Are you sure you can cope with our process of the Sub-grant agreement signature and payment arrangements for selected proposals? You may want to go over this section
- Did you check our Sub-grant agreement template? You didn't? If not, you can find them here: Software Solutions (1st Funding Instrument) and Hardware Solutions (2nd Funding Instrument).

Do you need extra help? Contact us.

Good luck!

© 2025-2028 AMALTEA

MEET THE CONSORTIUM



© 2025-2028 AMALTEA