



**BUILDING THE EUROPEAN AI ON-DEMAND PLATFORM**

Open Calls

[www.ai4eu.eu](http://www.ai4eu.eu)



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# Open Calls

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Solve your  
**CHALLENGE**  
with AI4EU!



# How do AI4EU Open Calls work?

**STEP 1 Challenges sourcing and definition.**

**STEP 2 Call for Solutions**, to select solution providers that will address and solve the challenges.

**STEP 3 Support Program**, to develop the solutions.





# OPEN CALLS at a glance

## CALL FOR CHALLENGES

up to € 10k  
13 Challenge Owners

## CALL FOR SOLUTIONS

up to € 70k  
41 Solution Providers

### WHAT ACTIVITIES WE WILL SUPPORT?

Identifying, defining and addressing particular problems that can be solved using Artificial Intelligence by Solution Providers selected in the upcoming AI4EU Call for Solutions.

Developing, testing and validating the technical solutions that address the specific challenges by exploiting AI resources included on the AI4EU Platform or developing new components.

### SUPPORT PROGRAM





# CALL FOR CHALLENGES

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**OBJECTIVE:** to identify particular problems that can be solved using Artificial Intelligence

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## What is the Challenge?

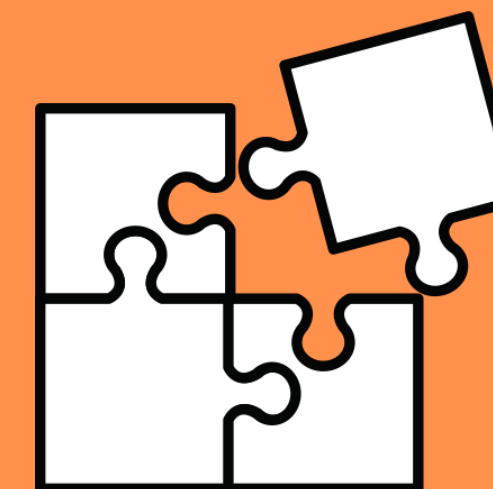
Particular problem with an industrial, business or societal impact that can be solved by AI and has potential to be replicable in the sector.

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## What kind of Challenge are we looking for?

Challenges based on AI technologies, Should aim to help businesses and the public sector to run their business more efficiently or deliver innovative services to their customers and citizens.

# CHALLENGES EXAMPLES



## GENERAL CHALLENGE

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**Challenge in the medical sector:**  
How to diagnose or predict evolution of diseases based on AI data

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**Challenges in mobility:**  
How to do predictive maintenance of vehicles

## SPECIFIC CHALLENGE

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**Challenge in manufacturing:**  
Deploy a predictive algorithm capable to remotely anticipate motor breakdown on industrial mixers with 2 days of anticipation.

Replicability: industrial mixers are used in the pharma, chemical or food processing industries



# WHO CAN PROPOSE A CHALLENGE?

## European Industry End-users:

- SMEs,
- Mid-Caps
- large companies,
- AI4EU Consortium Partners\*

\*NOTE: the AI4EU partners CAN participate in this Call, however,, cannot be funded by the Call)

**IMPORTANT:** The Challenge Owner must provide the necessary elements to effectively address the proposed Challenge. This will include:

- Assets and data needed to develop the solution.
- Technical support to the AI4EU Call for Solutions.
- Potential adoption of the results by other end users (replicability in the sector).

# What AI4EU offers for the best Challenges?

## Financial Support

**Up to € 10.000 for the best 13 Challenges** to cooperate with Solution Providers (if the solution to the challenge will be identified and selected).

## Besides the money:

- Support from the AI4EU consortium in **defining and solving the particular problem/need** using AI,
- Developing **at least 2 Solutions for the Challenge** for free during the Support Program by the solution providers selected in the Call for Solutions,
- Visibility through AI4EU digital channels and events as **AI4EU Ambassadors**



# Call for Challenges – Selection Criteria

## Key Eligibility Criteria:

### 1. Type of beneficiaries

- Industry End-Users: SMEs, Mid Caps and large companies,
- AI4EU consortium partners.

### 2. Eligible countries: EU member states and Associated Countries

### 3. English Language

### 4. Multiple submission

### 5. Submission system (Online application form)

### 6. Deadline

### 7. Absence of conflict of interest

Applicants shall not have any actual or/and potential conflict of interest with the AI4EU partners.

Applicants from the AI4EU consortium are welcome to participate, but, due to legal constraints, they cannot be rewarded or funded by the Call.

### 8. Ownership of a set of data or the capability to generate a set of data

For all challenges that require the use of data for algorithm training Challenge Owners must prove that they have the data or have capacity to generate the data in the framework of the project as well as the Challenge Owners must have the rights to use the data or must show that they are free to use the set of data.

# Call for Challenges – Selection Criteria

## Scoring Criteria:

(1) EXCELLENCE (0-5) will evaluate:

- How will your challenge contribute to solving a structural problem of your sector?
- How will solving the challenge levelup the innovation within the market?

(2) IMPACT (0-5) will analyse:

- What are the expected results of solving your challenge?
- How can the challenge be scaled to be useful to the UE as a whole?

(3) IMPLEMENTATION (0-5) will consider:

- Do you have a team what will support solving you Challenge?
- Do you have resources necessary to support the Solution Providers in addressing the Challenge?

\* Challenges with impact on pandemic situation will be given 1 extra point to the overall score.

**The total maximum score will be 16 points, with a minimum total threshold of 10 points**



# CALL FOR SOLUTIONS

To SOLVE the CHALLENGES WITH AI

The objective of the Call for Solutions is to select the best 41 Solution Providers that address one of the Challenges and together with the Challenge Owner enter a 6-months Support Program.

## What kind of project we are looking for?

AI Solutions based in AI technologies, which address one of the Challenges selected in the Call for Challenges

## Who can apply?

### Technology Providers:

- Startups
- SMEs
- Mid-Caps
- Large Companies
- Research Organizations



# What AI4EU offers for Solution Providers?

## Financial Support

**Up to € 70.000 for the best 41 Solutions Providers** to collaborate with the Challenge Owner in the development of the solution to the challenge.

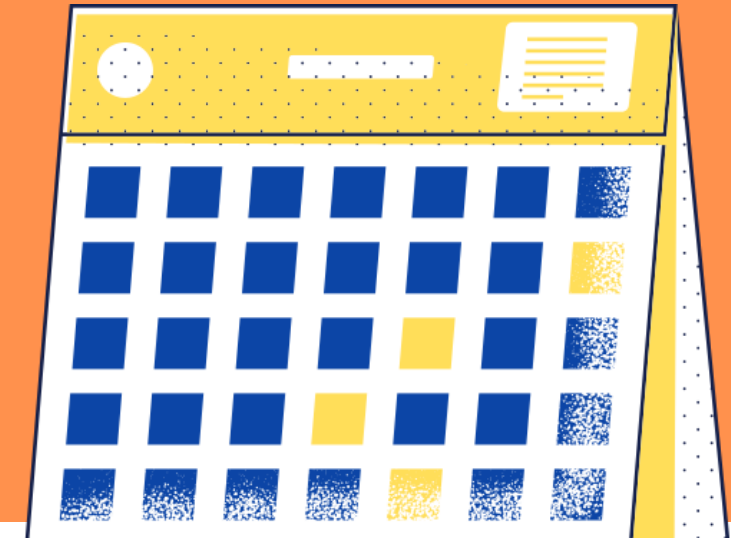
**6-months Support Program**, including:

- Training on the AI4EU platform: resources, acumos, publication
- Mentoring, online periodic sessions every two weeks to track the development of the solution
- Visibility through AI4EU digital channels and events as AI4EU Ambassadors





# When can you apply?



## CALL FOR CHALLENGES

Publication date: **24/11/2020** at 13:00  
First Cut-off date: **26/01/2021** at 13:00  
Deadline: Q2 2021 at 13:00

## CALL FOR SOLUTIONS

1st Call:  
Publication date: **25/02/2021**  
Deadline: **27/04/2021**  
Support Program: June – December 2021  
2nd Call: Q2 2021

Apply here:

<https://ai4eu-opencalls.fundingbox.com/>

<https://www.ai4eu.eu/funding-ai>