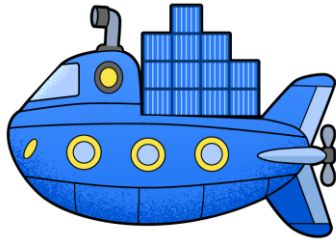


# Horizon Europe Research & Innovation Program

HORIZON-CL4-2021-DATA: Future European platforms for the Edge: Meta Operating Systems



# NEMO

Next Generation Meta Operating System



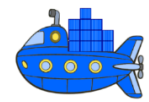
**Annex 7: Frequently Asked Questions  
& Answers**

**Version 1.0  
May 2024**

© Copyright by the NEMO Consortium

This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101070118





## Disclaimer

This document may contain material that is copyright of certain NEMO beneficiaries and may not be reproduced or copied without permission. All NEMO partners have agreed to the full publication of this document. The commercial use of any information contained in this document may require a license from the proprietor of that information.

The NEMO Consortium is the following:

Participant	Participant organisation name	Short name	Country
1	Atos Spain S.A.	ATOS	Spain
2	Atos IT Spain	ATOS IT	Spain
3	Thales Six GTS France S.A.S.	TSG	France
4	Engineering-Ingegneria Informatica SPA	ENG	Italy
5	Software Imagination & Vision SRL	SIM	Romania
6	INTRASOFT International S.A.	INTRA	Luxemburg
7	Maggioli Group SPA	MAG	Italy
8	Space Hellas S.A.	SPACE	Greece
9	Telefonica I+D	TID	Spain
10	Hellenic Telecommunications Organization S.A.	OTE	Greece
11	WIND TRE SpA	WIND	Italy
12	Continental Temic Microelectronic GmbH	CONTI	Germany
13	Entersoft S.A.	ESOFT	Greece
14	ASM Terni SpA	ASM	Italy
15	Foundation of Hellenic World	FHW	Greece
16	Novoville Ltd	NOVO	UK
17	Emotion s.r.l.	EMOT	Italy
18	Cumucore Oy	CMC	Finland
19	Synelixis Solutions S.A.	SYN	Greece
20	Sphynx Technology Solutions AG	STS	Switzerland
21	AEGIS IT Research GmbH	AEGIS	Germany
22	Sorbonne Université	SU	France
23	Universidad Politécnica De Madrid	UPM	Spain
24	Institute of Communication and Computer Systems	ICCS	Greece
25	Rheinisch-Westfälische Technische Hochschule Aachen	RWTH	Germany
26	Eclipse Foundation Europe GmbH	ECL	Germany

The information in this document is provided “**as is**” and no guarantee or warranty is given that fits for any particular purpose. The user thereof uses the information at its sole risk and liability. Moreover, **it is clearly stated that the NEMO consortium reserves the right to update, amend or modify any part, section or detail of the document at any point in time without prior information.**

The NEMO project, funded from the European Union’s HORIZON-CL4-2021-DATA: Future European platforms for the Edge: Meta Operating Systems Call foresees as an eligible activity the provision of financial support to third parties, as a mean to achieve its own objectives.

### LEGAL NOTICE

The information and views set out in this document are those of the author(s) and do not necessarily reflect the official opinion of the European Union. Neither the European Union institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

Funding Scheme: Research & Innovation Action (RIA) • Theme: HORIZON-CL4-2021-DATA

Start date of project: 01 October 2022 • Duration: 36 months

© NEMO Consortium, 2022

Reproduction is authorised provided the source is acknowledged.



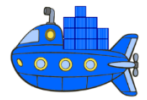
# Table of contents

List of Abbreviations and Acronyms .....	4
1 Introduction .....	5
2 General and eligibility questions .....	6
2.1 When does the open call launch? .....	6
2.2 Can a University or a Research Centre apply to the open call? .....	6
2.3 Can a proposal be submitted by a consortium?.....	6
2.4 Can a start-up apply for the open call? .....	6
A start-up may apply for the open call given that comply with the financial capacity assessment criterion..	6
2.5 Is Financial Stability mandatory?.....	6
2.6 Is the funding provided as lump sum? .....	6
2.7 Is there any equity on NEMO funding? .....	6
2.8 I represent an SME/start-up, which does not have a valid VAT number or PIC number. Can I submit a proposal? .....	7
2.9 I had issues with my internet connection and was not able to submit my proposal by the deadline. Can I submit after the 30 November 2023? .....	7
3 Submission and Evaluation .....	8
3.1 How do I submit a proposal?.....	8
3.2 I am not very fluent in English. Can I submit the proposal in another official European Union Language?.....	8
3.3 I have many innovative ideas in IoT. Can I submit multiple proposals?.....	8
3.4 What documentation should I include and submit with my proposal? .....	8
3.5 What are the different evaluation criteria? .....	8
3.6 I have an idea on Cloud/Edge/IoT technology that is not related to NEMO. How will my proposal be evaluated? .....	9
3.7 My proposal scored maximum points (10) on three criterion and four points on another. Is this sufficient to be awarded?.....	9
3.8 I believe there was an error in the evaluation of my proposal. Can I request for a re-evaluation? ....	9
4 Project Execution .....	10
4.1 I received notification that my proposal was awarded. Do I automatically start implementing my sub-project?.....	10
4.2 Do I have any obligations during the project execution?.....	10
4.3 Do I have any obligations after the project execution? .....	10



## List of Abbreviations and Acronyms

AI	Artificial Intelligence
AIoT	Artificial Intelligent Internet of Things
CET	Central European Time
CF-DRL	Cybersecure Federated Deep Reinforcement Learning
CMDT	Cybersecure Micro-services' Digital Twins
DLT	Distributed Ledger Technology
DRL	Deep Reinforcement Learning
DT	Digital Twin
FML	Federated Machine Learning
EC	European Commission
EU	European Union
ML	Machine Learning
mOS	Meta-Operating System
mNCC	meta Network Cluster Controller
RES	Renewable Energy Sources
RTD	Research and Technological Development
SEE	Secure Execution Environment
SLO	Service Level Objective
SME	Small and Medium-sized enterprises
SSI	Self-Sovereign Identity
TL	Transfer Learning
TRL	Technology Readiness Level
VAT	Value Added Tax



# 1 Introduction

The objective of this Frequently Asked Questions (FAQ) document is to provide to the NEMO Open Call #2 potential applicants with answers and complementary information to some of the possible questions that may arise when preparing a proposal. Although this document provides summary information to the listed questions, applicants are advised to consult all annexes for detailed information. This FAQ document is a living document and may be regularly updated with questions and answers that emerge while the open call is running.



## 2 General and eligibility questions

### 2.1 When does the open call launch?

The NEMO Open Call #2 is announced on 1<sup>st</sup> May 2024 and is open for applications from 1<sup>st</sup> of June 2024 till 31<sup>st</sup> of August 2024 at 17:00 CEST (Brussels time).

### 2.2 Can a University or a Research Centre apply to the open call?

No. The open call is limited to technological SMEs.

### 2.3 Can a proposal be submitted by a consortium?

No. All proposals must be submitted by a single SME. Any proposal with more than one entity will not be eligible.

### 2.4 Can a start-up apply for the open call?

A start-up may apply for the open call given that comply with the financial capacity assessment criterion.

### 2.5 Is Financial Stability mandatory?

Yes. Any entity SME or start-up should sign and submit the Annex 5: SME Financial Stability Declaration properly completed and signed, showcasing the start-up's financial stability and capacity.<sup>1</sup>

### 2.6 Is the funding provided as lump sum?

Yes. The selected applicants will receive vouchers as they successfully complete each phase or sub-phase.

### 2.7 Is there any equity on NEMO funding?

No. The funds to the selected applicants come directly from the funds of the European Project NEMO, funded itself by under the EC Horizon Europe Framework Programme (HORIZON), and remain therefore, property of the EU until the payment of the balance, whose management rights have been transferred to the project partners in NEMO via European Commission Grant Agreement Number 101070118.

---

<sup>1</sup> Please refer to <https://webgate.ec.europa.eu/funding-tenders-opportunities/display/OM/Financial+capacity+assessment>



## **2.8 I represent an SME/start-up, which does not have a valid VAT number or PIC number. Can I submit a proposal?**

The European Commission Participant Identification Code (PIC) is quite easily issued<sup>2</sup> and it is mandatory for submitting a proposal. For administrative issues, the VAT is mandatory for signing the sub-project contract with the NEMO project coordinator.

## **2.9 I had issues with my internet connection and was not able to submit my proposal by the deadline. Can I submit after the 31st August 2024?**

No. The deadline for proposals is 31<sup>st</sup> August 2024 at 17:00 CEST (Brussels time). No extensions will be granted for any reason, unless a significant problem is identified related to the F6S platform that is unrelated to the applicant. If you experience problems with the F6S platform, report your problem to [support@f6s.com](mailto:support@f6s.com). It is highly recommended that you submit your proposal well before 31<sup>st</sup> August 2024.

---

<sup>2</sup> <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>



## 3 Submission and Evaluation

### 3.1 How do I submit a proposal?

To submit a proposal, you must be registered on F6S ([www.f6s.com](http://www.f6s.com)) and then complete the relevant online form accompanied with all required Annexes.

### 3.2 I am not very fluent in English. Can I submit the proposal in another official European Union Language?

No. For transparency reasons all proposals must be written in the English language. Yet, the language capacity is not an evaluation criterion, given that the proposal is readable, and the experts are able to clearly understand the content of the proposal.

### 3.3 I have many innovative ideas around metaOS. Can I submit multiple proposals?

No. Each applicant may submit only one (1) proposal. Multiple submissions is a disqualifying factor. In case an entity submits more than one proposal, all proposals that they have submitted will be automatically excluded from the evaluation process. Moreover, it is considered as Conflict of Interest and the relevant proposals will be automatically considered not eligible, in case an individual participates, controls, submits or is associated in any way with more than one proposals. Please check thoroughly the eligibility criteria of Annex 2: "Guidelines for Applicants".

### 3.4 What documentation should I include and submit with my proposal?

All documentation must be included as part of the proposal that must be submitted using the NEMO – Open Call #2 F6S page.

It is mandatory to correctly complete and upload

- (1) a signed version of Annex 4. Honour Declaration
- (2) a signed version of Annex 5. SME Financial Stability Declaration.
- (3) A well completed version of Annex 3.1 Proposal Supplement Template. Please respect the formatting rules and page limit as identified in the template.

All annexes must be uploaded in PDF format.

### 3.5 What are the different evaluation criteria?

All proposals will be evaluated against four criteria, namely:

- Criterion 1: Concept and Innovation
- Criterion 2: Technology
- Criterion 3: Impact





- Criterion 4: Applicant Entity/Team

Please refer to Annex 2: "Guidelines for Applicants" Chapter 4 for more details.

### **3.6 I have an idea on Cloud/Edge/IoT technology that is not related to NEMO. How will my proposal be evaluated?**

The NEMO has a quite broad scope. Yet, it is open to further innovative ideas and technologies on edge computing, edge and/or native cloud software development, operating systems, IoT/5G networks and IoT manufacturing given that a) it is feasible to implement, integrate, test and validate that idea within the NEMO project lifetime, b) whatever is implemented within the NEMO is provided as Open Source and c) there are no security, dual use or ethical issues associated with the proposal.

### **3.7 My proposal scored maximum points (10) on three criterion and four points on another. Is this sufficient to be awarded?**

No. The threshold for each criterion is six (6), while the overall score threshold will be twenty-six (26). That means if a proposal receives less than 6 in one criterion or less than 26 overall score it is automatically rejected.

### **3.8 I believe there was an error in the evaluation of my proposal. Can I request for a re-evaluation?**

Yes. You can request for a re-evaluation on items solely related to the evaluation or eligibility verification process. A re-evaluation will only be implemented if there is evidence of a shortcoming that affects the final decision of the proposal. This means, for example, that a problem relating to one evaluation criterion will not lead to a re-evaluation if a proposal has failed on another criterion. Please refer to Annex 2: "Guidelines for Applicants" Chapter 4.2.5 for more details.



## 4 Project Execution

### 4.1 I received notification that my proposal was awarded. Do I automatically start implementing my sub-project?

No. Additional steps are required before starting the project execution. After applicants are notified of being awarded, the NEMO coordinator will contact the selected applicants to review and finalize the technical, financial and legal requirements of the application.

Then NEMO coordinator will inform the European Commission and get the permission to start the sub-contract preparation.

It is expected that the sub-project contract will be signed by 30<sup>th</sup> November 2024, so that the new sub-project may start on 1st of December 2024.

### 4.2 Do I have any obligations during the project execution?

The newly selected applicants will sign the NEMO Consortium Agreement and the NEMO sub-project contract. A non-exhaustive list of benefits and obligations include:

- The applicants selected from the Open Call will be included to the NEMO web portal.
- All new technological components will be offered as Open Source.
- All impact creation and dissemination/standardization activities will be included in the NEMO web portal.
- Applicants may participate in NEMO activities, including consortium/WP meetings and phone calls, pilot and dissemination activities, reviews from the EC.

### 4.3 Do I have any obligations after the project execution?

The EC may at any time during the implementation of the NEMO project and up to 5 (five) years after the end of the NEMO project, arrange for financial audits to be carried out, by external auditors, or by the EC services themselves including the European Anti-Fraud office (OLAF). The audit procedure shall be deemed to be initiated on the date of receipt of the relevant letter sent by the EC. Such audits may cover financial, systemic and other aspects (such as accounting and management principles) relating to the proper execution of the grant agreement. They shall be carried out on a confidential basis.

The beneficiary shall make available directly to the EC all detailed information and data that may be requested by the EC or any representative authorised by it, with a view to verifying that the grant agreement is properly managed and performed in accordance with its provisions and that costs have been charged in compliance with it. This information and data must be precise, complete and effective.

Please refer to Annex 2: "Guidelines for Applicants" section 6 for more detailed list of applicant responsibilities.