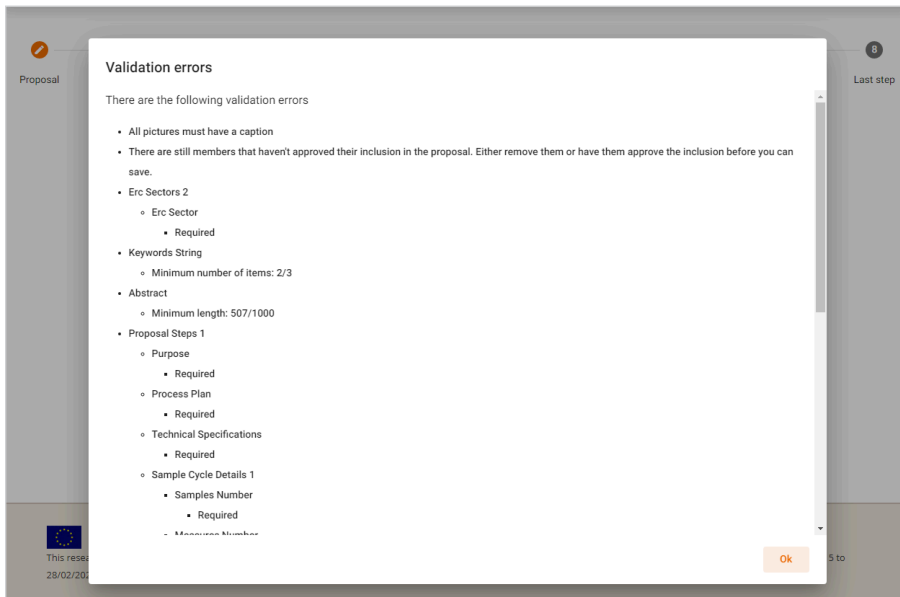


The following steps illustrate how to correctly fill out the research proposal form on nffa.eu

You can find the proposal form explained in this document at the following [link](#)

VALIDATION REQUIRED



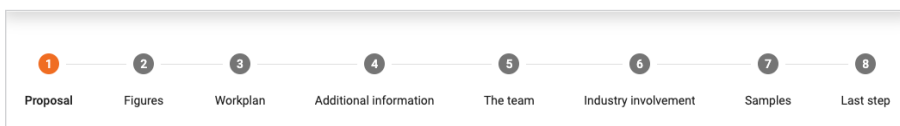
A draft can be saved at any moment without validating the correctness of the data inserted.

The **only requirement to save a draft** of the proposal is that it has a **title**.

To enable the **"Submit"** button first you need to validate the proposal.

After you have validated the proposal, in case there are errors preventing you from submitting, a message listing possible validation errors will appear.

1. PROPOSAL



Progress bar
8 progress steps

Main information

Title
Required

Scientific domain
Required

Scientific Domain *

- Physics
- Chemistry
- Life sciences & biotech
- Earth sciences & environment
- Engineering & technology

ERC sectors

Two ERC sectors, in order of relevance. Download the [sector list](#) and complete the field with the selected codes.

ERC sector 1

1 First classification level > 2 Second classification level > 3 Third classification level *

ERC sector 2

First classification level > Second classification level > Third classification level *

ERC Sector

Required

Third classification level is mandatory, but you **need to first select level one and two to filter** the level 3 list

Material System / Device *

Max 100 characters

Material System / Device

Required - Max 100 characters

Chemical and/or physical and/or functional definitions/keywords of the system you want to develop/investigate. (e.g. TiO₂ (chemical) nanoparticles (physical) antibacterial (functional))

Application *

Max 100 characters

Application

Required - Max 100 characters

What is the system used for? In which field? (e.g. Functional antibacterial coatings in medical devices)

Keywords *

Min 3 items, separated by a comma

Keywords *

Min 3 items, separated by a comma

Abstract *

1000 to 2000 characters

0/1000

Abstract

Required - 1000 to 2000 characters

State of the art *

1500 to 3000 characters

0/1500

State of the art

Required - 1500 to 3000 characters

Objectives *

1500 to 3000 characters

0/1500

Objectives

Required - 1500 to 3000 characters

Please clearly describe the objectives of your proposal and their relation to Horizon Europe missions, if any

References *

Up to 5 references, separated by a semicolon

Next

References *

Up to 5 references, separated by a semicolon

2. FIGURES

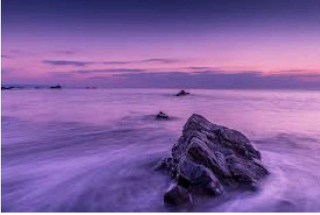
Figures ⓘ

Click or Drag and drop files here! 📁

Back Next

Figures *
Required - Allowed formats: jpg, png, bmp, gif.
Please do not upload TIFF images.

Figures ⓘ

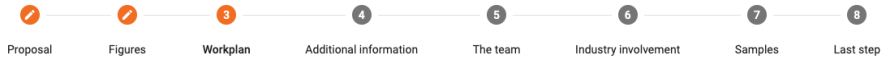
 **Fig. 1**

Caption *

🗑️

Figures *
Caption Required - Allowed formats: jpg, png, bmp, gif. Please do not upload TIFF images.

3. WORKPLAN



Steps

Technique *

Search technique

- 3D MP - 3D Micro Printing (MP)
- 3DBP - 3D bio-printing
- 3DLM - 3d laser manufacturing
- AD - Aerosol deposition
- AES/SAM - Scanning Auger Microscopy

Add Step

Steps

If you don't have selected techniques on your wishlist search technique in the dropdown menu

Steps

Step 1

3D MP - 3D Micro Printing (MP)

What is the purpose of this research step? - (For scientific evaluation) *

Delete

What is the purpose of this research step?

Please explain the scientific goals you intend to achieve by accessing this set-up/method, how it relates with previous/following steps and what you expect to learn. This field is particularly important for the scientific evaluation of your proposal.

What is your measurements/processes plan? - (For scientific evaluation) *

What is your measurements / processes plan?

Please describe how you plan to conduct the experiment (e.g. sequence of single measurements/processes with that technique). Tell us also the timeline of this step: do you plan to start immediately after the previous step or do you need to postpone it (why and how long?). This field is particularly important for the scientific evaluation of your proposal.

Technical specifications and ancillary* techniques needed - (for technical feasibility) *

*ancillary techniques are side control measurements, materials or processes for surface preparation or device fabrication

What is your measurements / processes plan?

Briefly describe the main technical specifications of the instrument/method you chose that are needed to successfully accomplish your experiment (e.g. resolution, source, detection mode, ...). Please tell us also if you need to access ancillary techniques, i.e. side control measurements (e.g. SEM for FIB, XAS or XPD for XMCD, RHEED for MBE), materials or processes for surface preparation or device fabrication. An ancillary technique is never considered as a separate research step. This field is particularly relevant to check the technical feasibility of your proposal. For access to lithography, please tell us whether you plan to work out electronic files for direct writing lithography methods during your stay or you plan to bring your own files. Please be informed that physical lithographic masks should be provided by you.

Sample cycles: **At least one cycle is mandatory**

Cycle 1: × = 0

Total cycles:

Sample cycles

At least one cycle is mandatory
Number of samples is required
Number of measures/processes is required

Equipments i
 I will bring my equipment

Equipment

This tick box allows you to inform us of the intention to bring some of your equipment, if any. In case you plan to bring your instrumentation (e.g. evaporators, targets, detectors, etc.) please provide a brief description to check compatibility and safety issues.

Estimated Units Of Access i
1 UoA = 8 hours | = 1 project for theory

Estimated Units of Access

1 UoA = 8 hours | = 1 project for theory
This is a measure of the time you need. Please give an estimate of the units of access needed for that research step. If you are not able to make an educated guess, please contact the TLNet for assistance. The estimate is not binding for NF-FA-Europe. The actual number of UoAs allocated to each research step will be determined by the TLNet after the feasibility check. 1 UoA = 8 hours for experiments, 1 UoA = 1 project for theory. For Fine Analysis at co-located Large-Scale Facilities you can ask a maximum of 6 UoAs/proposal. A maximum number of 20 UoA, summing up all steps, is advised for any user project. Proposals claiming more resources should provide due justifications. A maximum cumulative usage for a given technique/installation at a given provider by the same user group is set at 50%. When such usage is exceeded the user will get the appropriate message and proposals from that group will no longer be eligible. In any case, such users will be able to apply in the last two NFFA calls if there is still remaining capacity.

Preferred site to conduct your research - (not binding for NFFA-Europe) v i
Please consider the [eligibility conditions](#)

Preferred site to conduct your research

Please consider the eligibility conditions

Reasons /

Reason

preferred site

Technique * Add Step

Back Next

Add step n°

Step 2 ^ v ⊖
T-SPL - Thermal Scanning Probe Lithography

Move

change the order of the steps

4. ADDITIONAL INFORMATION



Additional information

Is this access request related to other open access program grants? *

Yes No

Specify open access program and location *

If you have already obtained other open access grants (such as beamtime at a Large Scale Facility co-located with NFFA-Europe sites) for complementary work on the same scientific topic by other means, activate the corresponding tick-box and provide details when prompted. The info will be taken into account for an optimized access scheduling in case of acceptance of your NFFA-Europe proposal.

Gender Dimension *

Yes No

Please read carefully the info about this field

This choice is required

Sex and/or gender analysis/differences could be relevant in your research content or methods? Do you expect that your research findings affect males and females differently? (for more information see https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/gender_en.htm)

Previous Work in The Field

Up to 5 references, separated by a comma

Additional Notes

Back Next

Up to 5 references, separated by a comma

If you have additional information on your proposal that you want to bring to our attention, please fill in the "additional notes" field.

5. THE TEAM

The team

Team Leader


Name	Surname	Email
Name	Surname	namesurname@mail.com

Team member *


Add info on the composition of your user group. Remember that you, as main proponent, will be automatically added as user group leader.

Search user by email, you will get one of the following search results

Search result

 Promoscience Promoscience support@promoscience.com	<input type="button" value="Add Member"/>
---	---

No user found

 namesurname@mail.com	<input type="button" value="Invite to register"/>
--	---

User already registered on nffa.eu

User not yet registered

Team Members

Name	Surname	Email
Promoscience	Promoscience	support@promoscience.com

Status: Pending Invitation

Please note that if you add a member they will not be invited to approve their inclusion in the proposal until you click Invite to Approve

6. INDUSTRY INVOLVEMENT



Industry involvement ⓘ

Is there any kind of industry involvement in your proposal? *

Yes No

This choice is required

Industry involvement

This choice is required
In this section please let us know of links your research proposal has to industry or commercial opportunities (for example industry applicant or co-applicant, industry supported students or staff, joint grants with industry, patents, technology licensing, etc). We strongly welcome industrial involvement. The industrial partner may remain anonymous if needed, but its existence and typology should be declared. With industrial we mean any economic activity - private, public or mixed - that participates in the reserach project, or that finances it, or that has access to the data produced in agreement, or under contractual terms, with the proposers. These data are necessary in order to assess the industrial impact of NFFA-Europe. The industrial use/impact is a very sensitive evaluation parameter under H2020.

Is there any kind of industry involvement in your proposal? *

Yes No

Please describe industry involvement in your proposal *

Collaboration

One or more members of the team are employees of an industry or of a PPP (Public Private Partnership)

Type of industrial collaboration in the project *

Type of industrial collaboration in the project is required

Type of industry involved *

Type of industry involved is required

Type of industrial collaboration in the project
Required

Type of industry involved
Required

Industry involvement ⓘ

Is there any kind of industry involvement in your proposal? *

Yes No

Please describe industry involvement in your proposal *

Collaboration

One or more members of the team are employees of an industry or of a PPP (Public Private Partnership)

Specify the employee(s) * ⓘ

support@promoscience.com

giulio.paro@promoscience.com

Type of industry involved *

Type of industry involved is required

Specify the employee(s)
Specify which team members are employees of an industry or of a PPP (Public Private Partnership). At least one selection required

Type of industry involved
Required

7. SAMPLES

Samples and Safety Issues

Substance *

Add Sample

Back

Next

Substance

Substance is required

Samples and Safety Issues

water



Physical State *

Chemical Formula

- Radioactive
- Oxidising
- Corrosive
- Contaminant
- Combustive
- Biological
- Carcinogenic/mutagenic/teragenic
- Inflammable
- Toxic
- Explosive

Nanostructured material or nanoparticles? *

Yes No

Is the material mainly consisting of individual entities (constituent particles separable from larger parts) with at least one external dimension in the range 1-100 nm?

(the current definition is explicitly limited to particulate matter as used in the EC terminology for regulatory and nanosafety purposes)

Morphology

Aspect Ratio

Particle Size Distribution

nm

Specific Surface Area

m²/cm³

Substance

Substance is required

Physical State

Physical State is required
Depending on the physical state selected
additional fields will be required

Chemical Formula

Chemical Formula is required

Nanostructured material or nanoparticles? *

Is the material mainly consisting of individual entities (constituent particles separable from larger parts) with at least one external dimension in the range 1-100 nm?

(the current definition is explicitly limited to particulate matter as used in the EC terminology for regulatory and nanosafety purposes)

Material

Surface Chemistry

Crystalline Phases

Density

kg/m³

Properties In Solution

Zeta Potential

mV

Hydrophobicity

Water Solubility

8. LAST STEP



Resubmission or continuation

Is this a resubmission of a previous proposal? *

Yes No

Is this a continuation of a previous proposal? *

Yes No

Terms and Conditions

* I agree to NFFA Europe [terms and conditions](#)

Back



Please let us know if this is a resubmission of a previous proposal by your research group, the previous ID and any related comment you want to share for the evaluation of your proposal.



Please let us know if this is a continuation of a previous proposal by your research group, the previous ID and any related comment you want to share for the evaluation of your proposal. Please remember that your submission will NOT be evaluated if you did not submit the final questionnaire and the report of your previous proposal(s)



Read and accept terms&conditions for proposal submission and legal notices.