

# 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      2      3

First classification level ▾ > Second classification level ▾ > 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. TiO<sub>2</sub> (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 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 ?

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 NFFA-Europe.  
 The actual number of UoAs allocated to each research step will be determined by the TLNet after the feasibility check. Access to Fine Analysis at Large Scale Facilities in the SM and the ECM characterisation installations is limited to 6 UoAs per proposal (1 UoA is equivalent to a 8 hours shift - the typical measure of access time at LSFs), to be completed in 4 days at most. In well-justified cases, 3 more UoAs can be granted, for a total of 9 UoA still to be completed in 4 days at most. A maximum number of 20 UoA, summing up all steps, is set for any user project, up to 4 extra UoAs can be granted only in well-justified cases. 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) ? ▾

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 ? ▾ ↻

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](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 research 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/teratogenic  
 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    m<sup>2</sup>/cm<sup>3</sup>

**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/m<sup>3</sup>

**Properties In Solution**

Zeta Potential

mV

Hydrophobicity

Water Solubility

# 8. LAST STEP



**Resubmission or continuation**

Is this a resubmission of a previous grant agreement 654360 or grant agreement 101007417 proposal? \*

Yes  No

Is this a continuation of a previous grant agreement 654360 or grant agreement 101007417 proposal? \*  
If the Access Review Panel detects that the proposal is a continuation of a previous one and this is not mentioned, the proposal will be given a low priority.

Yes  No

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**Terms and Conditions**

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

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.

**Resubmission or continuation**

Is this a continuation of a previous grant agreement 654360 or grant agreement 101007417 proposal? \*

If the Access Review Panel detects that the proposal is a continuation of a previous one and this is not mentioned, the proposal will be given a low priority.

Yes  No

Proposal ID \*

Select the previous proposal ID or Other

Comment

---

**Terms and Conditions**

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

If either Resubmission or Continuation are selected the following additional interface will appear

Select the ID from the list or Other if you don't find it in the list.

**Resubmission or continuation**

Is this a continuation of a previous grant agreement 654360 or grant agreement 101007417 proposal? \*

If the Access Review Panel detects that the proposal is a continuation of a previous one and this is not mentioned, the proposal will be given a low priority.

Yes  No

Proposal ID \*

Other

Select the previous proposal ID or Other

Proposal ID \*

Specify the previous proposal ID

Comment

This is a continuation of a grant agreement 654360  
\*Proposal submitted before July 2021

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**Terms and Conditions**

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

Manually insert the ID and eventually check the flag on the right if it was a proposal submitted in the previous grant agreement (654360 - 2016|2020)