



Multi-facility call management: NFFA-EU

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NFFA-Europe Pilot

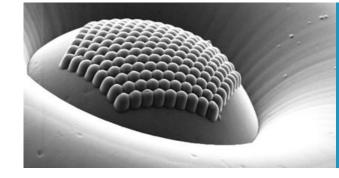
TLNet Coordinator, IPR Manager, WP10 Leader: TAS - TA programme support structures: Technical Liaison Network (TLNet) and pilot User Office Network (UONet)



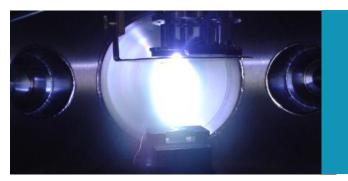


User access workshop Trieste Jan 30-31, 2024

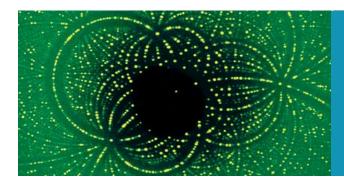




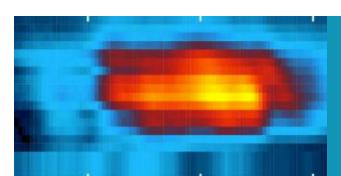
Lithography & Patterning



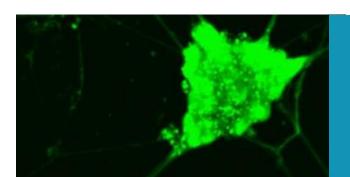
Growth & Synthesis



Structural & Morphological Characterization



Electronic, Chemical & Magnetic Characterization

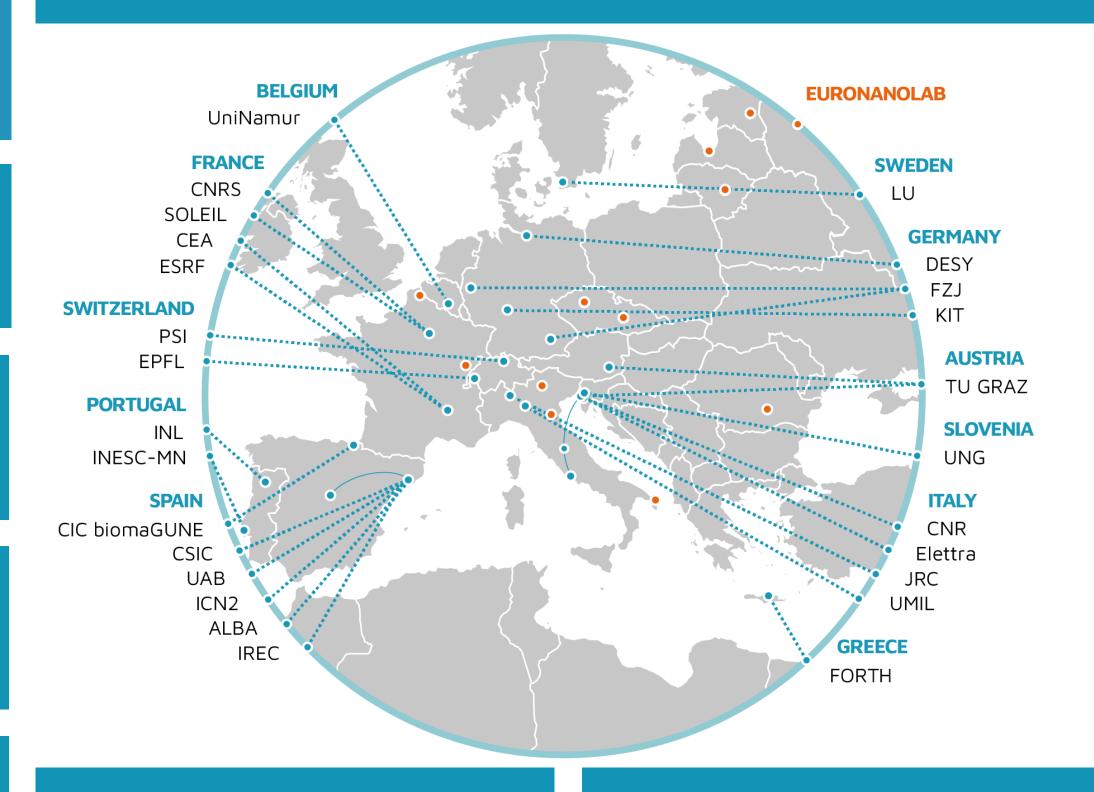


From Nano to Micro/Macro



Theory & Simulation

The widest range of tools for research at the nano- & micro-scale



A distributed Research Infrastructure of outstanding expertise world-class facilities

39 research infrastructures

183 techniques

600 instruments

23 partners

16 countries

Free of charge access for academia and industry

HOW TO APPLY

BROWSE & CHOOSE

from the online catalogue at nffa.eu

SUBMIT YOUR **PROPOSAL**

on a single- entry point

HAVE IT EVALUATED

& ranked by an international peerreview panel

GET FREE ACCESS

and receive a contribution for travel & subsistence costs

Thanks to



NFFA-Europe has received funding from the EU's H2020 framework program for research and innovation. Grant agreement n. 101007417, NFFA-Europe Pilot Project.

and







25
Calls for access

850 proposals submitted

63% rate of acceptance

30%

with Large Scale Facilities

12% with theory

12% with industry

~3

Average users per proposal

63
Countries applying

2568
Lab sessions









Multi-facility call management in a "single" distributed infrastructure

Need to integrate

- many different methods/techniques (more than 180) by more than 600instruments
- many different institutions (39 infrastructures + internal structures)
- different procedures to host and support users

with the **challenge** to make all of these **to appear as a single entity**, with strandard, smart procedures user- friendly for both users and providers

i.e. to implement

not a network of infrastructures

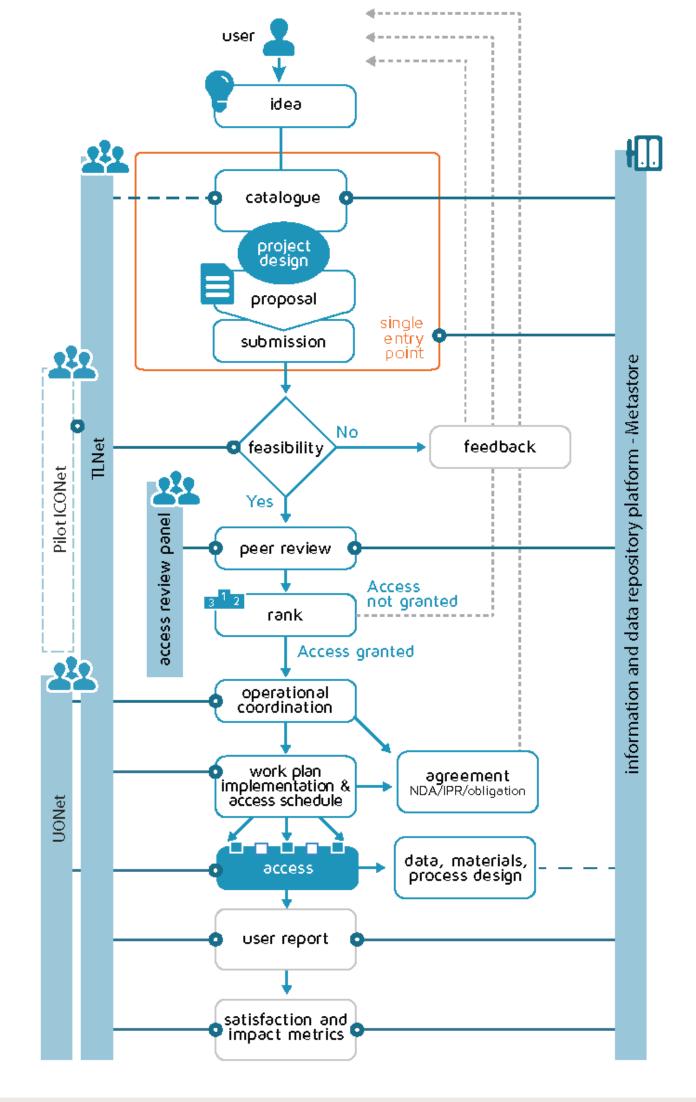


but

a single Interoperable Distributed

Research Infrastructure for Nanoscience (IDRIN)





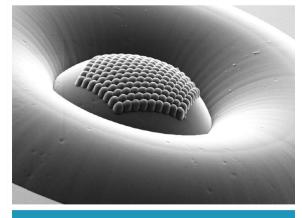




IMPILITE

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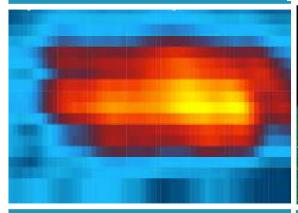




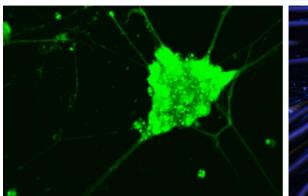
Lithography & Patterning



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Electronic & Chemical, Magnetic Characterisation



From Nano to Micro/Macro

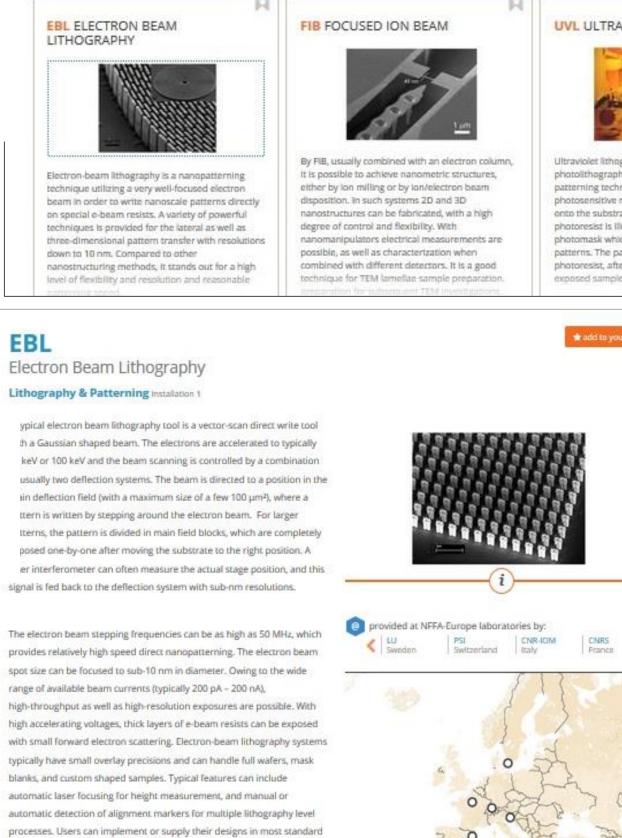
Simulation

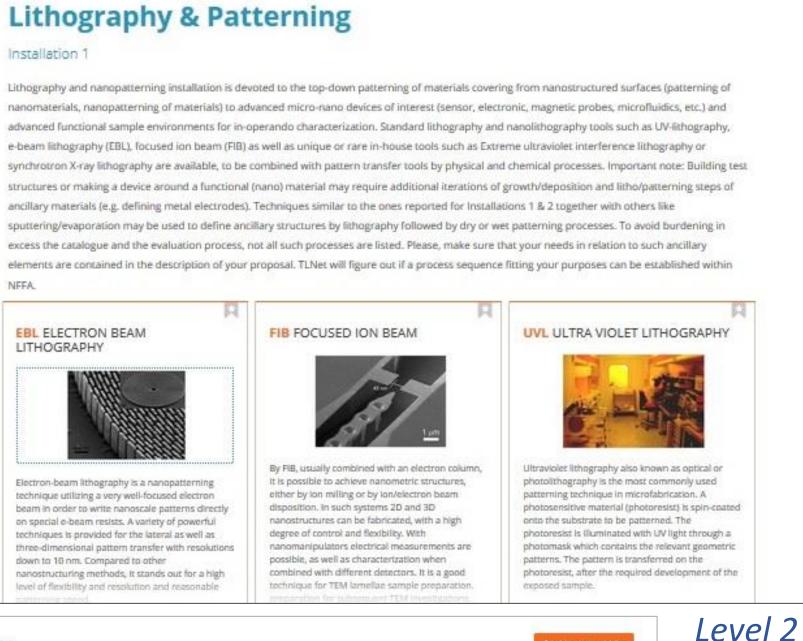
Installation Level 1 **Techniques** overview one small box for each

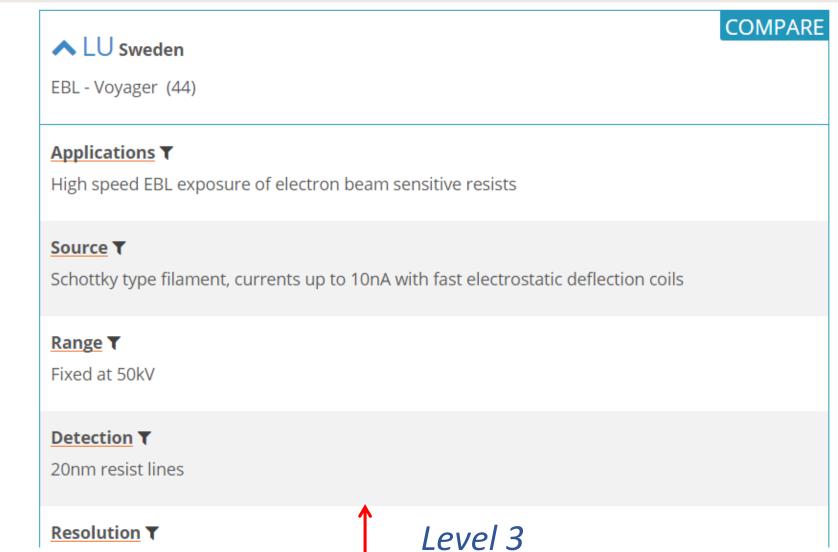


Characterisation

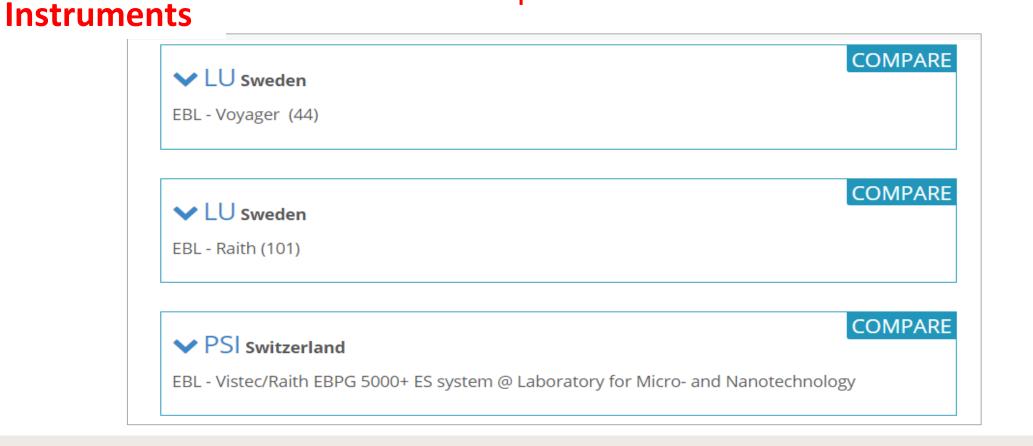
Level 2 **Technique** description







Tech. Specs. for each Instrument (with the possibility to make comparisons)







Including the

list of the





Technical Liaison Network TLNet concept and structure

Parallelism between the editorial board of a peer-review journal and the TLNet concept

Editorial

board

Authors

Editor

Referees

TLNet

Users

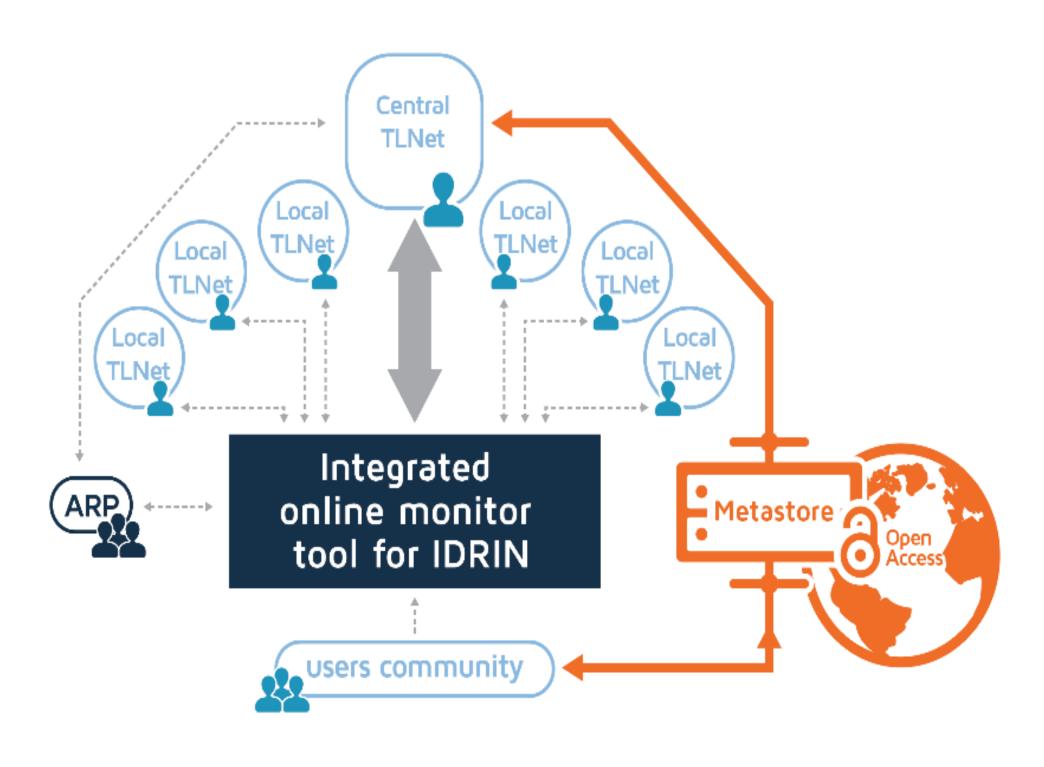
fruitful exchange

among providers

and between providers and users

Central TLNet

TLNet local nodes (Providers)







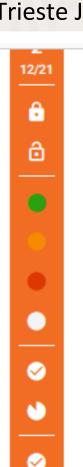
IMPULSE

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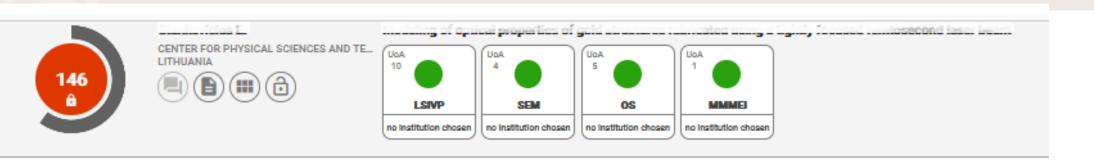


On line monitor tools for IDRIN

www.nffa.eu secretariat@nffa.eu

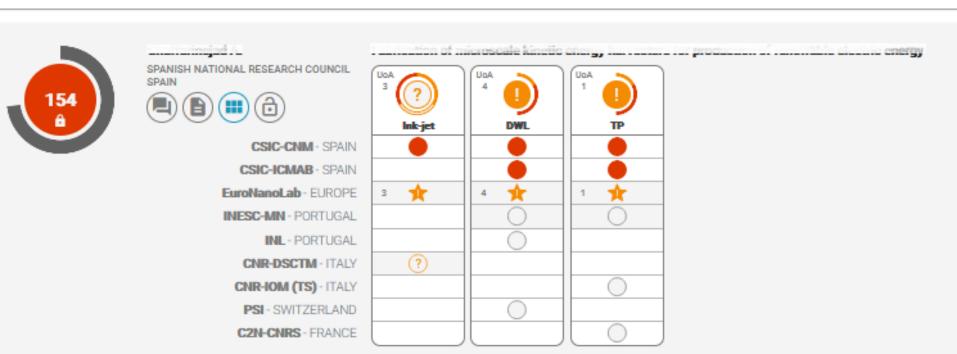




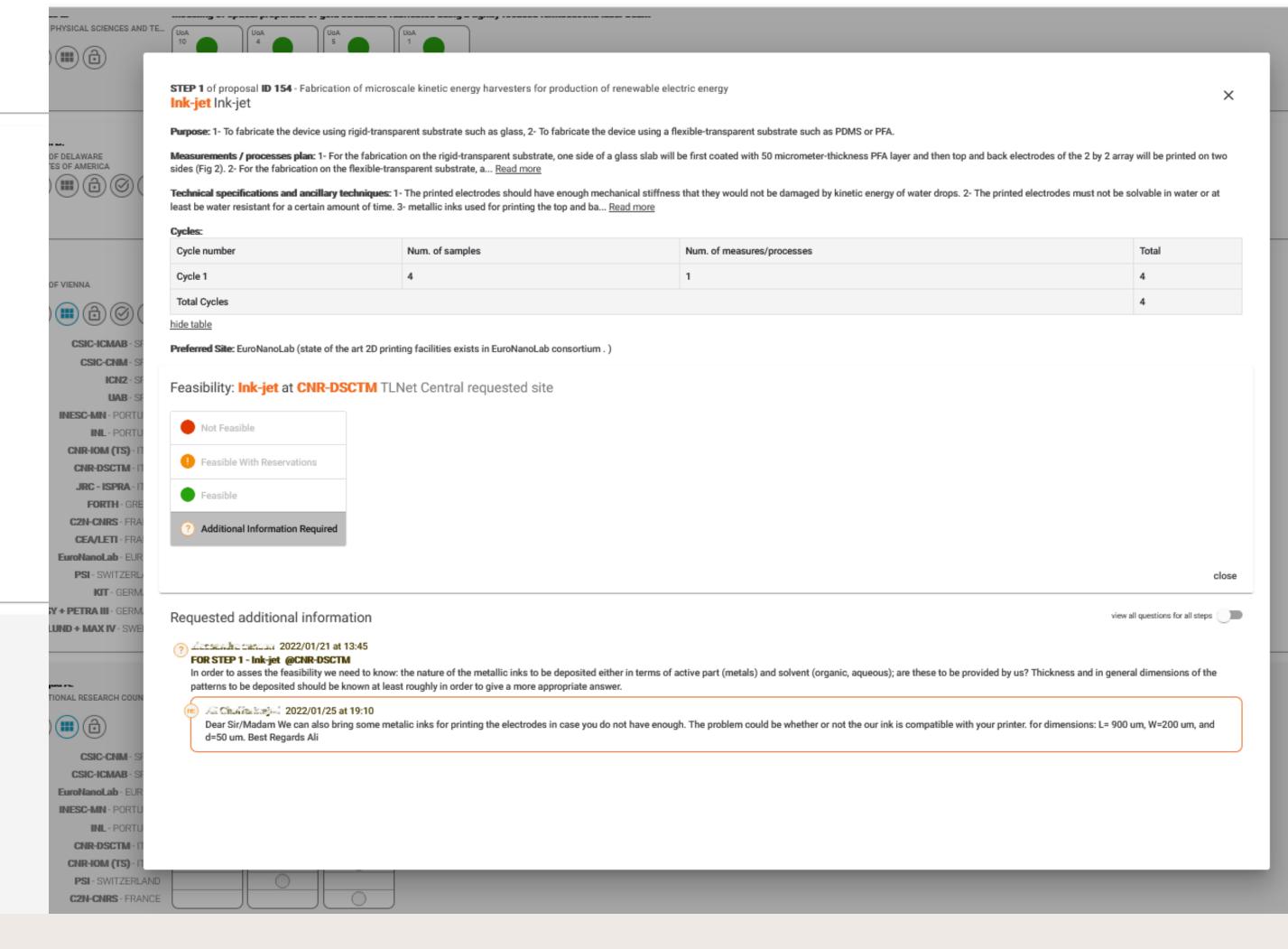








- Feasibility evaluation for each proposalstep (lab session) by more providers
- Work-plan and logistic optimisation











Conclusions

- Smart presentation of the complex multiple offer in order to make the user capable to build up a reliable proposal (articulate work-plan)
- Effective procedure for feasibility evaluation, work-plan optimisation (scientific & logistic), in case interacting with the user
- Pay attention to use a team of experts, at the very end the access is provided by the specific instrument scientist







Contact us

www.nffa.eu secretariat@nffa.eu



