

Second opportunity to apply for NGlatlantic.eu Open calls

*23 September 2020, 16:00 CEST
Webinar*

Slides prepared by:

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Agenda

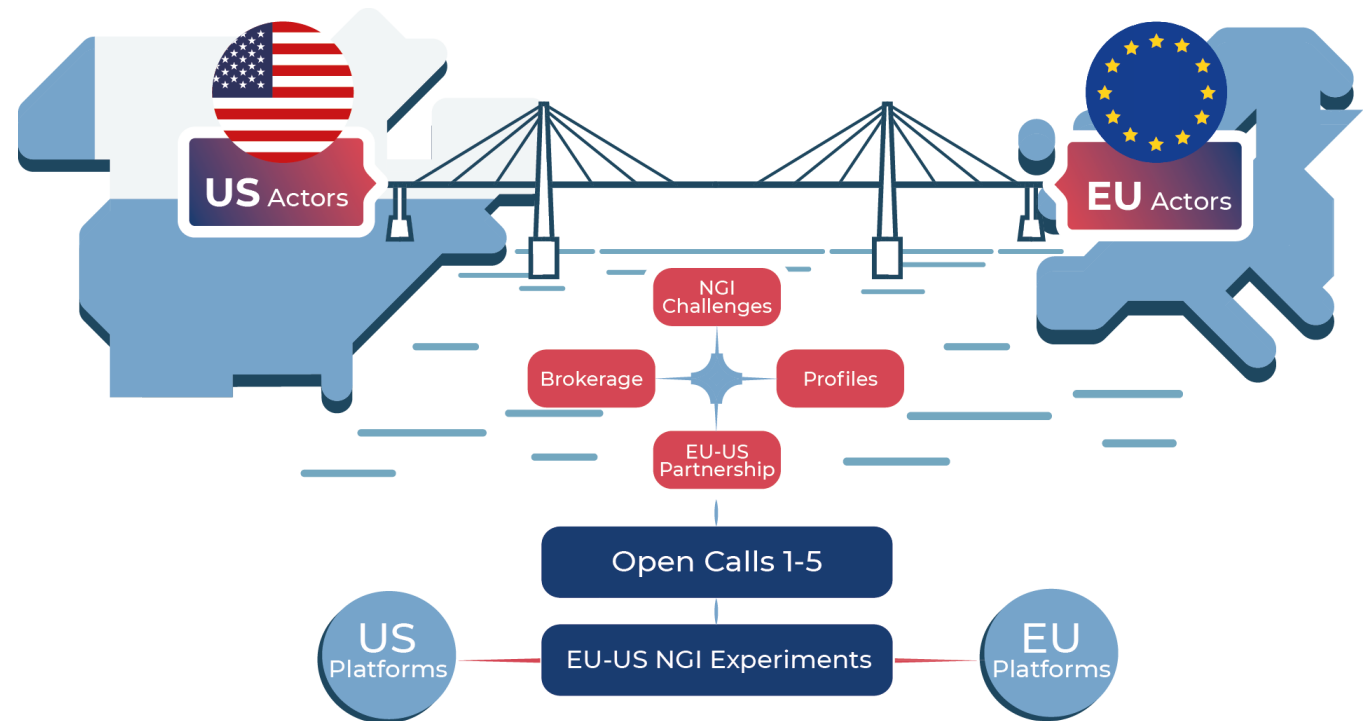
16:00 - 16:05	Opening and Welcome by Moderator, Sara Pittonet Gaiarin, Trust-IT
16:05 - 16:10	Project Introduction. Presented by Jim Clarke, WIT, NGIatlantic.eu coordinator
16:10 - 16:20	NGIatlantic.eu 2nd Open Call: 2 streams – 1. Interconnecting experimental platforms, 2. 3 prioritised NGI topics
16:20 - 16:30	Perspective from an US Experimental Platform – FABRIC and FAB (FABRIC Across Borders), Ilya Baldin, RENCI, UNC Chapel Hill, North Carolina, USA Perspective from an EU Experimental Platform - Patras 5G - an end-to-end experimentation facility of the 5G PPP, Christos Tranoris from University of Patras, Greece
16:30 - 16:45	FAQ and Lessons learned from 1 st Open call
16:45 - 17:00	Open questions and answers

Introduction to NGlatlantic.eu: bridging EU-US research on Next Generation Internet

Jim Clarke – jclarke@tssg.org

NGIatlantic.eu: bridging EU-US research on NGI

From January 2020 through June 2022, NGIatlantic.eu will fund EU-based researchers and innovators in carrying out **Next Generation Internet related experiments**, in collaboration with **US research teams**.



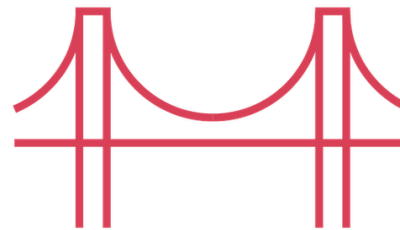
NGIatlantic.eu key features



The External Advisory Group (EAG)



The External Pool of Evaluators (EPE)



The Twinning Lab



5 Open Calls - Call#1: April 2020



2.8 Million Euros funding



NGI Experiments to be funded



APPLY WITH YOUR TEAM

Prepare and submit your project addressing the call's priorities



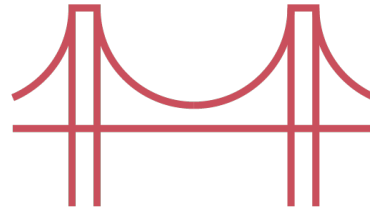
WEBINARS & WORKSHOP

Content-rich sessions to learn the full background and criteria of our open calls

CONTINUOUS COACHING AND MENTORING

From pre-proposal to exploitation to maximise your project's success

The Twinning Lab



Need help in finding partners?

A space for researchers, innovators and start-ups from EU and US to **discover and connect with transatlantic actors and establish complementary partnerships.**

JOIN THE TWINNING LAB NOW

ngiatlantic.eu/twinning-lab

JOIN THE TWINNING LAB!

- ✓ Showcase your expertise in addressing NGI challenges
- ✓ Find the ideal partner for your EU-US NGI experiment

NGIatlantic.eu 2nd Open Call: Note: There are two streams in this open call!

Jim Clarke – Waterford Institute of Technology, jclarke@tssg.org

Stream 1. Interconnection of EU-US Experimental platforms

- *Invites established designers and facility providers of experimental infrastructures, testbeds, and platforms enabling experimentation in the NGI areas;*
- *Can be wired, wireless, cloud, hybrid, ... experimental platforms;*
- *Platforms relevant with key NGI enabling technologies: 5G (or beyond), IoT, Big Data, AI, ML, Next Generation Media, cybersecurity and resilience, and others, across the NGI priority topics: Privacy and Trust enhancing technologies; Decentralized data governance; Discovery and identification technologies; Strengthening internet trustworthiness with electronic identities; Service and data portability; and Open Internet architecture renovation;*
- *There is an expectation that these interconnected platforms would remain available throughout the life of the project for future experiments (more on this later);*
- *EU – US infrastructure/platform facilities will be listed on the NGIatlantic.eu website and promoted as a suitable transatlantic platform for experimentation/implementation to be funded in the subsequent NGIatlantic.eu open calls;*
- *Where the EU – US infrastructure/platforms are utilized in the forthcoming successful projects i.e. from Open call 3 onwards, the owners/providers will be entitled to receive funding for the support and maintenance required, depending on specific conditions of the open calls and requirements of the proposal. Note: This funding for experimental platforms will also be subject to the EU – US Implementation arrangement rules.*

Stream 2. Focus on EU-US experiments in NGI Priority topics

- **Call topic 1. Privacy and Trust enhancing technologies – experimentation of results** on the NGI call topic related to the development of robust and easy to use technologies to help users gain improved trust and greater control when sharing their personal data, attributes and information.
- **Call topic 2. Decentralised data governance - experimentation of results** on the NGI call topic related to leveraging distributed open hardware and software ecosystems based on blockchains, distributed ledger technology, open data and peer-to-peer technologies with particular focus on ethical, legal and privacy issues, as well the concepts of autonomy, data sovereignty and ownership, values and regulations.
- **Call topic 3. Discovery and identification technologies - experimentation of results** on the NGI call topic related to new methods of search, discovery, and access of large heterogeneous data sources, services, objects and sensors, devices, multi-media content, etc. and which may include aspects of numbering; providing contextual querying, personalised information retrieval and improved quality of experience.

2nd Open call details

The main goal of the NGIatlantic.eu Open Calls is to incentivize EU – US NGI teams to carry out experiments using EU and/or US based experimental platforms.

- **Duration of Open call: 1st August – 30th September 2020 at 17:00 CET. Evaluation and notification will take place in October 2020;**
- **Indicative expected Start dates of projects: 1st January 2021;**
- **Two types of proposals can be funded under the NGIatlantic.eu Open Calls, as shown below.**

Proposal type	Description	Maximum Contract duration	Monitoring frequency	Funding range*
LT – Long term contributions	EU-US NGI experiment project with R&I activities	6 months	Monthly	€50,000 - €150,000
ST – Short-Term contributions	EU-US NGI experiment project with R&I activities.	3 months	Fortnightly	€25,000 - €75,000

- *Eligible Costs: Only cost of personnel (inclusive of 25% overhead) and travel & subsistence (cost-reimbursement).*
- *Guidance for projects applying in Stream 1. Experimental Platform interconnections, since these projects are dealing with the interconnection activities of already mature experimental platforms, there would be an expectation that these projects would probably best fit in the Short Term (ST) projects category. However, this guidance does not preclude other project types and amounts being requested if explained and justified.*



Some interesting developments in the US in the NCI space

There are at least two funds that could possibly be leveraged for US - based partners:

- **International Research and education Network Connections (IRNC)** – see <https://www.nsf.gov/pubs/2020/nsf20535/nsf20535.htm> and results at https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503382&org=NSF;
- **NSF Platforms for Advanced Wireless Research (PAWR) supplemental fund** available to US based academics, and what they call 'Active NSF-funded wireless researchers' for receiving connection and support to the 3 PAWR platforms, COSMOS (<https://COSMOS-lab.org/>), POWDER-RENEW (<https://POWDERWireless.net/>), and AERPAAW (<https://AERPAAW.org/>). Note: while not specifically designated for international connections, there could be some scope to utilise this fund. See <https://www.nsf.gov/pubs/2020/nsf20046/nsf20046.jsp>
- **We are compiling these links in our Twinning Lab and more will be presented later on these developments.**



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Perspective from an US Experimental Platform – FABRIC and FAB (FABRIC Across Borders),

Ilya Baldin, RENCI, UNC Chapel Hill, North Carolina, USA

Perspective from an EU Experimental Platform, Patras 5G - an end-to-end experimentation facility of the 5G PPP

Christos Tranoris from University of Patras, Greece

Lessons Learned from Open Call 1 and FAQs

Jim Clarke – Waterford Institute of Technology, jclarke@tssg.org

What we are doing differently based on lessons learned from OC1

- *Topics being addressed*
 - *Multi-stream approach to attract EU – US experimental platforms to interconnect for future projects;*
 - *Some opportunities to leverage US funds have been identified (& new ones are being constantly monitored).*
- *New Platform requirements*
 - **Description of Honour (DoH) required to be submitted with the application;**
 - *Details on past and / or present NGI applications and EU H2020 applications;*
 - *Additional fields added to include resources for multi-EU team applications.*
- *Pre-application support continued*
 - *Coaching calls found to be useful for participants in OC #1 will be continued.*

What we are doing differently based on lessons learned from OC1

- *Some lessons learned from review process*
 - *Provide a precise, coherent and realistic budget breakdown;*
 - *Funding is for effort, travel and a fixed 25% OH – do not include any other inadmissible costs;*
 - *Precise information about the US experimental platforms needed e.g. direct and relevant links for the benefit of the evaluators;*
 - *Applicants background in NGI related fields and previous work in NGI-related topics should be explained;*
 - *Clear and quantified KPIs needed;*
 - *The impacts of the experiments needs to be elaborated;*
 - *Follow FAQs and guidelines and remember to observe the 4 criteria scoring scheme carefully, this is what the evaluators will use.*

Frequently Asked Questions

Q. Who can apply to the Open calls as an EU – US “Twin Team” and what is the Team size envisaged?

- A. An EU – US “Twin Team” must consist of at least one private or public organisation (not individual researchers), located within the EU Member States (plus UK) or Associated Countries, twinned with a US counterpart for execution of the work programme proposed.*
- B. Please note that the NGI initiative typically funds smaller “teams”; in our case, this would be typically 1 partner from EU and 1 partner from US up to a max. of 2 with justification, and not consortia.*

Frequently Asked Questions

Q. Who makes the application and who receives the funding?

- A. *The application will be made by the lead EU team partner, and funding will be limited to coverage of the work to be carried out by the EU partner, as per the EU – US agreement.*
- B. *If you require more than one team partner, this is possible but please justify this in your application. The lead EU partner will receive the funding from the NGIatlantic.eu project, and will be responsible for making the payments to the other EU team partner, and have a Consortium agreement with their partner.*

Frequently Asked Questions

Q. Can the EU – US “Twin Team” be affiliated to each other?

A. No, if there is only 1 EU member and 1 US member and they are affiliated to each other administratively, in any way, we don't feel that this would be in the spirit of cooperation envisaged in our EU – US Open calls.

Frequently Asked Questions

Q. If my EU – US proposal idea doesn't precisely match the proposal call text but it encompasses most of it and is still well related to NGI and the key enabling technologies of NGI, can I submit to the open call?

A. *We are advising proposers that if their proposal has many of the elements of the call text, but even doesn't precisely match, as long as it is with a US based partner and accentuating the Internet of Humans concepts, pillars, and challenges being addressed by NGI, you should still consider to submit. You can also make direct contact with us at contact@ngiatlantic.eu and we can advise you on whether it fits the call, or whether there might be a better fit elsewhere in the NGI initiative.*



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Frequently Asked Questions

Q. Where can the U.S. part of the Team receive funding?

A. The funding would be the responsibility of the U.S. team member(s) and they would be aware of the typical funding source(s) that they could tap into. This is dependent on the team member type of their organisation. Some thoughts on what we have been encountering, so far:

- 1. In some cases, the U.S. team members have existing funds already for EU collaborations as part of their ongoing work;*
- 2. A number of organisations interested in teaming up with EU partners have signed up in the Twinning Lab at <https://www.ngiatlantic.eu/twinning-lab>;*
- 3. The EU Commission is having continuous dialogues with the US NSF about securing another US – EU funding programme, such as the previous ICE-T US – EU programme in 2018, also see the new information on other NSF calls that could potentially be leveraged;*
- 4. If requested, as part of our coaching activities, we are willing to help US partners make a pitch to their current or future funding source(s) by explaining our project and goals, if that would help, but they would need to identify their funding sources as they are better placed to do so.*

Frequently Asked Questions

Q. What cost types are eligible for funding?

- A. *Direct costs: Personnel and Travel costs;*
- B. *Indirect costs: Flat rate overhead on direct costs not to exceed 25%.*

Q. Can I include equipment costs?

No. The only admissible costs are personnel and travel and subsistence, and flat rate overhead on direct costs not to exceed 25%.

Q. Can I include project management costs?

Yes, please include under personnel costs, but this must be commensurate with the project size and follow the usual H2020 guidelines of no greater than 5-7% of overall personnel costs budget.

Frequently Asked Questions

Q. What if my proposal requires some research and innovation (R&I) in addition to running experiments? Is this permissible?

A. Yes, but we recommend that there is a good balance between R&I and Experiments in the proposed project plan. For example, you can carry out the necessary R&I and plan some interim experiments during the project plan, e.g. mid – term and end of project. Please keep in mind that the NGI initiative, in general, is geared towards getting your NGI solutions up and running quickly, and that is why there is a focus on experiments in our open calls.

Frequently Asked Questions

Q. Can you elaborate on the types of travel envisaged?

- A. *We are recommending for LT type projects (6 month duration) to plan at least 3 travels planned for a. kick-off with the US project team and getting set up on the exp. platform, b. mid-term prototype experiments, and c. final experiments and workshop. The project is planning a US based event with the US experimental platforms e.g. NSF FABRIC, POWDER, COSMOS, etc. which might be tied in with the winning project's plans to enable the project's to use their travel budgets to attend also. Accordingly, for ST type projects (3 month duration), we recommend at least 2 travels.*

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Frequently Asked Questions

Q. Can we apply to another NGI RIA's open call at the same time?

- A. *Yes, but the NGI initiative is monitoring the situation in terms of potential double funding and operational capacity issues;*
- B. *Therefore, you must advise us whether you have past applications in other NGI projects (past or present), or EU H2020 projects or previous NGI applications submitted, as this information is being collected and coordinated by NGI for statistical purposes;*
- C. *In addition, we would advise that you make contact with us at contact@ngiatlantic.eu to find out which would be your best fit.*
- D. *In summary, the NGI RIAs are coordinating together about their results, if there is any overlapping activities.*

Frequently Asked Questions

Q. What is the situation regarding the ownership of the foreground Intellectual Property rights resulting from the experiments that will be conducted in the open call projects?

- A. *Generated IPRs will remain at organization level, in this case 3rd party project members accepted in the open call. This will be clarified in the 3rd party contracts.*
- B. *Since there is at least 2 partners in an EU – US “Twin Team”, one from EU and one from US, you will have to have a consortium agreement between yourselves on this matter.*
- C. *We can help you with this aspect as part of our mentoring and coaching programme and our winning projects will also be receiving direct assistance from our sister project, [NGI TETRA](#), who are involved with the Technology Transfer and Harvesting of results of the NGI Open Call projects.*

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Frequently Asked Questions

Q. Will the COVID-19 crisis affect the project start dates?

A. We are still expecting the start dates of the funded projects to occur within one month of the contract signature; however, we are monitoring the ongoing situation closely and as the NGI initiative is known for its agility, we will work with the winning teams on viable start dates, and also will allow no cost extensions, if needed, as a result of the ongoing COVID-19 crisis.

Frequently Asked Questions

Please visit <https://www.ngiatlantic.eu/faq> for many more questions and answers.

If you still have questions, please send it to us at contact@ngiatlantic.eu and we will answer and if there is still time, we can have a one to one coaching call with you to answer the queries.

Thank you!

Any questions?



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