



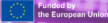
Open call #1



PQ-REACT Open call#1 DEVELOP

Bring and test your PQC algorithms and external use cases on the PQ-REACT framework!

APPLY TODAY



Dear Quantum enthusiast,

We are officially announcing the launch of the **PQ-REACT Open Call #1-DEVELOP!**

The project's first Open Call focuses on the application of Quantum Resistant Crypto in Energy Aware Contexts. This is your chance to showcase and test your innovative PQC algorithms and external use cases on the PQ-REACT framework!

Develop and submit your proposal, and you may be one of six winners who receive 50.000€ to realise it

We have dedicated this newsletter to explaining in detail the PQ-REACT 1st Open Call, the application, and evaluation processes and to providing you with as much useful information as possible.

Get ready and join our Quantum world! 🚀

The PQ.REACT Open Call in a nutshell

The PQ-REACT project will conduct two open calls, enabling selected SMEs, universities, research centres, NGOs, and foundations to access optimised solutions for addressing cryptographic encryptions based on classical algorithms that currently safeguard data and infrastructure. The results will help test and validate the implemented framework in a number of different scenarios and use cases.

Open Call#1 - What we expect

Proposals must align with the NIS2 directive, the European Commission's recommendations on transitioning to Post-Quantum Cryptography, and PQ-REACT research topics. They should focus on software and technology and be clear and concise.

Eligible activities for financial support include:

- Design and development of software.
- Software engineering aimed at adapting to new usage areas or improving software quality.
- Events attendance and participation in technical, developer and community events.
- Other activities that are relevant to adhering to robust software development and deployment practices.
- Project management linked to the project execution.
- Out-of-pocket costs for infrastructure essential to achieving the above.

Open Call #1 seeks applicants to develop innovative solutions addressing PQ-REACT Use Cases' PQC computational complexity and energy efficiency challenges.

Are you ready to join this journey? Then follow the steps and **APPLY** today!

How to Apply:

1. Check the eligibility criteria

In this call, we are inviting only SMEs and Start-ups, NGOs and Foundations, Research centres and Universities established/resident in any Member State (MS) of the European Union (EU), including their outermost regions, as well as in any Horizon Europe associated countries, according to the updated list published by the [EC on the submission date of the proposal](#).

2. Develop your proposal based on one of the following use cases:

- Use Case 1: Smart Grid Meters
- Use Case 2: 5G and 6G architectures
- Use Cases 3: Context Agility Manager (PQC Benchmarking)
- Use Cases 4: Eclipse-Qrisp for PQC

[Explore the Use Cases](#)

3. Submit your application on the [SPLORO platform](#) and...

4. Finally, wait for the evaluation! The results will be announced after November 6, 2024!

To remember!



REMEMBER! →

In this Open Call, **each SME is permitted to submit only one application**. For universities and research centres, **only one application per research group** is allowed. Therefore, no multi-participation is permitted. **Additionally, consortium applications are not allowed**; each application must be submitted by a single entity.

Open Call#1 Manual

[Guidelines](#)

[FAQs](#)

Application Form

Submission Pack

Website

Save the Date for the PQ-REACT Open Call#1 Info Days

A promotional banner for PQ-REACT Open Call#1-Info days. The background is dark blue with a pattern of binary code (0s and 1s) and hexagonal shapes. In the top left corner is the PQ-REACT logo. The main title 'Open Call#1-Info days' is in a large, bold, pink font. Below it, the first event is listed: '1st InfoDay' in pink, 'Context Agility Manager and Eclipse-Qrisp for PQC use cases' in white, and 'Tuesday 27/08/2024 at 11:00h CEST' in white. The second event is listed below: '2nd InfoDay' in pink, '5G and 6G architectures and Smart Energy Meters' in white, and 'Wednesday 04/09/2024 at 16:00h CEST' in white. In the bottom left corner is the European Union flag logo with the text 'Funded by the European Union'. On the right side, there is an image of a laptop displaying the PQ-REACT website with a 'REGISTER NOW' button.

 **Open Call#1-Info days**

1st InfoDay
Context Agility Manager and Eclipse-Qrisp for PQC use cases
Tuesday 27/08/2024 at 11:00h CEST

2nd InfoDay
5G and 6G architectures and Smart Energy Meters
Wednesday 04/09/2024 at 16:00h CEST

 Funded by the European Union



We are inviting you to our upcoming Info Days, **where we will present key information** about our Open Call#1-DEVELOP and how you can get involved in shaping the future of post-quantum cryptography. At the same time, you will have the chance to ask questions and get a deeper understanding of the Open Call!

Join our Info Days

1st InfoDay

[Context Agility Manager and Eclipse-Qrisp for PQC use cases](#)

2nd InfoDay

[5G and 6G architectures and Smart Energy Meters](#)

And this is just the beginning! Stay tuned with PQ-REACT since we are constantly spreading the news for all our activities! Don't forget we will be having a second Open Call soon!

Explore the PQ-REACT world



PQ-REACT

This email was sent to {{contact.EMAIL}}
You've received this email because you've subscribed to our newsletter.

[Unsubscribe](#)

