



# Open Call #1: DEVELOP

## Annex 1: Application form

Project website	www.pqreact.eu
Opening date:	1 <sup>st</sup> August 2024
Closing date:	30 <sup>th</sup> September 2024, 17:00 Brussels time
Open call platform:	<u><a href="#">Application link</a></u>

\* The deadline for submission is as stated in this Guidelines document. Please note that the platform for submission's time depends on the user's configured time zone and may or may not coincide with the correct time (this depends on the user, not the platform for submission). Any discrepancies in system time will not be grounds for deadline extension.

All the Open Call documents and templates are available for download at <https://tinyurl.com/2n56rnhy>



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# 1. Legal and contact information

## 1.1 Participant Information (contact point)

- First Name\*:
- Last Name\*:
- Phone number\*: (incl. Country code)
- Gender\* (Woman/Man/Non-binary)

## 1.2 Organization's information:

- Organisation legal name\*:
- Organisation short name\*:
- Legal address\*:
- City/Town\*:
- Province/Region/County\*:
- Country\*: drop-down list] The applicant must be established in a EU Member State or Horizon Europe Associated Country\*. [List of Horizon Europe Associated Countries](#) as published by the European Commission
- Phone number\*: (incl Country code)
- Organization's Website \*:
- VAT number/Tax Identification Number\*:
- PIC number:
- Please, provide the logo of the company, if applicable [upload file]
- Please, provide all your company social media [select:
  - LinkedIn
  - Facebook
  - Twitter/X
  - Instagram
  - Mastodon
  - Tik Tok
  - YouTube
  - GitHub
  - Other, please specify]





### 1.3 Eligibility Self-declaration

1. Is your entity legally established? **YES/NO\***
2. Select the type of legal entity:
  - a. SME / startup
    - i. Do you comply with the European Commission [Recommendation 2003/361/EC16](#) and, the [SME user guide17](#)
      1. Headcount in Annual Work Unit (AWU) less than 250.
      2. Annual turnover less or equal to 50 million EUR OR annual balance sheet total less or equal to 43 million EUR.
  - b. University / Research Center
    - i. Has personnel been shared between different groups for the submission of multiple proposals? **YES/NO\***
  - c. NGO / Foundation
3. Is this proposal submitted by a single entity only (not in a consortium)? **YES/NO\***
4. Is this proposal the only one submitted by your entity or your research group? **YES/NO\***
5. Can you confirm to the best of your knowledge that neither the application as a whole nor any parts of it have benefitted from other funding? **YES/NO\***
6. Are you or any of the employees currently working for any of the PQ REACT [beneficiaries](#)? **\*YES/NO**
  - a. If YES. Specify who, its role and for what beneficiary





## 2. Project description

1. Project Name\*:
2. Project Acronym\*:
3. General description\*: [Tell us more about the project you would like to develop within the PQ-REACT Use Case (min 300 max 500 characters)]
4. Use Case addressed\*: [select one option]
  - i. Use Case 1: Smart energy meters
  - ii. Use Case 2: 5G and 6G architectures
  - iii. Use Case 3: Context Agility Manager
  - iv. Use Case 4: Eclipse-Qrisp for PQC
5. Objectives\*: What are the specific objectives of your project and how do they relate to PQ-REACT's vision? (Min 500 max 1000 characters)
6. Contribution of your project to the objectives of PQ-REACT\*: What specific contributions will your project make to the achievement of PQ-REACT's objectives and how does it differentiate from other projects in the same field? (Min 500 max 1000 characters)





### 3. Technical Excellence

1. Outline how the proposed solution addresses the specific challenges identified in the Use Case scope?\*: (Min 500 characters, max 1000 characters)
2. Ambition over current state of technologies related to your selected Use Case\*: What improvements will you develop over the current state of technology in the field of post quantum cryptography and specifically of the selected Use Case? (Min 500 max 1000 characters)
3. Describe the methodology that will be implemented \*: (Min 500 max 1000 characters)
4. How does your project address and assure the gender dimension and what measures are/will be taken to address this?\* (Min 500 characters, max 1000 characters)
5. Describe the project contribution to open science\* (Min 500 characters, max 1000 characters)





## 4. Impact

1. How is your proposal contributing to measuring, assessing, and standardizing/certifying future-proof cryptography?\* (Min 500 characters, max 1000 characters)
2. How does the use case bridge the gap between theory and practice and how can the solution be implemented in real-world scenarios, considering computational efficiency and integration with existing systems? \* (Min 500 characters, max 1000 characters)
3. How does your proposal manage challenges related to backward compatibility and interoperability?\* (Min 500 characters, max 1000 characters)
4. How does your proposal prepare organizations for secure information exchange? What specific defensive capabilities does it offer?\* (Min 500 characters, max 1000 characters)





## 5. Implementation

1. **Implementing Team\*** Upload the information of the implementing team
  - First name\*
  - Last name\*
  - LinkedIn profile\*
  - CV\*(in pdf, Europass format)
  - Short bio\* (Max 300 characters)
  - Main tasks in the project\* (Max 500 characters) Describe how they will contribute to achieve the project goals and objectives. What experience and skills do the team members have that are relevant to the project?
2. **Activity plan\*:** Please ensure that your activity plan for the project is clear and detailed, providing a comprehensive explanation of what your organization intends to do to achieve the project's goals. Additionally, clarify how these activities will directly support the project objectives. (Min 1000, max 2000 characters)
3. **Please upload a Gantt chart that includes all the planned activities for the project's execution\*:**  
Please upload a Gantt chart that includes all the planned activities for the project's execution (duration: 6 months). (\*PDF)
4. **Risk Assessment\*:** Present a thorough assessment of all the risks that your project could potentially face as well as mitigation measures for addressing or avoiding those risks. (Min 500, max 1000 characters)
5. **KPI's\*:** Provide a list of key performance indicators (KPIs) that will serve as your benchmark. This list should include a mix of operational KPIs, and exploitation, communication and dissemination KPIs. Ensure that exploitation, communication and dissemination KPIs make up at least 25% of the total, while the operational KPIs account for the remaining 75%. (Min 500, max 1000 characters)





## 6. Communication

This activity refers to the communication of the organization's participation in the PQ-REACT project to relevant communities and the general public. It involves creating a strategy to ensure that the project's outcomes and impacts reach the intended audience through various channels, such as social media, website, press releases, newsletters, and events.

1. Please select one or more of the communication strategies listed below that your organization plans to use for sharing its participation in PQ-REACT.\* [\[select one or more options\]](#)

- ☐ Social Media: The beneficiary will utilize various social media platforms (e.g., Twitter, Facebook, LinkedIn, Mastodon, etc.) to share updates and news about their participation in PQ-REACT.
- ☐ Newsletter: The beneficiary will send out regular newsletters to their mailing list to keep them informed about their participation in PQ-REACT.
- ☐ Conferences and events: The beneficiary will attend relevant conferences and events to promote their participation in PQ-REACT and network with other relevant stakeholders.
- ☐ Press releases: The beneficiary will issue press releases to relevant media outlets to announce their participation in PQ-REACT and share updates about their progress.
- ☐ Website updates: The beneficiary will regularly update their website to include information about their participation in PQ-REACT and share updates with their online community.
- ☐ Others, if so specify

2. Can you give some additional examples of communication strategies that you have in mind? [\[max 1000 characters\]](#)





## 7. Dissemination

Dissemination of project results involves sharing the outcomes and findings of the project with the relevant stakeholders and the general public. This process helps to maximize the impact of the project and increase awareness of its outcomes, and may involve various strategies such as publications, conferences, social media, and other forms of communication. The aim is to ensure that the project's results reach as wide an audience as possible and can be used to inform future research and decision-making.

**1. Please select the dissemination strategies that your organization plans to use to share the project results with the relevant community and the general public.\*** [select one or more options]

- ☐ Presenting the results at conferences and workshops.
- ☐ Publishing research papers in academic journals and industry publications.
- ☐ Organizing webinars and online events.
- ☐ Creating informative and engaging videos for social media platforms.
- ☐ Collaborating with influencers and opinion leaders in the relevant field to promote the project results.
- ☐ Participating in interviews with media outlets.
- ☐ Hosting demos and showcasing the project outputs to stakeholders.
- ☐ Contribute to open-source repositories.
- ☐ Other

**2. Can you give some additional examples of dissemination strategies that you have in mind?** ([max 1000 characters](#))

**3. Please confirm that you agree to collaborate with PQ-REACT in its transversal Dissemination & Communication activities \*** (i.e., participating in interviews, providing materials for articles and publications, etc.) **YES/NO**

**4. Please select the strategies that you plan to use to exploit the results of your project.\***

- ☐ Commercialization: The beneficiary will explore ways to commercialize the results of the project, such as creating new products or services that can be sold in the market.
- ☐ Licensing: The beneficiary will license the intellectual property resulting from the project to third parties for a fee.





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☐ Open access: The beneficiary will make the results of the project publicly available through open access repositories, such as online databases or journals.

☐ Collaboration: The beneficiary will collaborate with other organizations to further develop and apply the project results.

☐ Further research: The beneficiary will continue to conduct further research and development based on the project results.

☐ Other

If Other, please specify

5. Can you give some additional examples of exploitation strategies that you have in mind? (max 1000 characters)





## 8. Privacy policy

By submitting this form, you agree and confirm the following:

- We have read, understood, and will comply with the open call details and requirements stated in the Guidelines for applicants.
- All information provided in the PQ-REACT application submitted by our entity is correct and complete.
- Our company is not in any situation which would exclude us from receiving financial support for third parties.
- Our company is not under liquidation or in financial difficulty.
- Our company is not subject to a conflict of interest in connection with the cascade funding.
- We will inform the PQ-REACT consortium, without delay, of any situation considered a conflict of interest or which could raise a conflict of interest.
- We will process any personal data in compliance with the applicable EU and national law on data protection.

## 9. Declaration of Honour

By submitting this form I, the applicant hereby certify that (subject to the additional declarations below):

1. The information provided for this project is correct and complete.
2. The information concerning the legal status in the Application for my organisation is correct and complete and concurs with the stipulations outlined in the Guidelines for Applicants, including its annexes (if applicable).
3. I/my organisation commit to comply with the eligibility criteria set out in the call for proposals for the entire duration of the action.
4. My organisation:
  - is committed to participate in the action;
  - has stable and sufficient sources of funding to maintain the activity throughout the action and to provide any counterpart funding necessary;
  - has or will have the necessary resources needed to implement the action;
  - acknowledges to be fully responsible for other linked third parties;
  - for innovation and experimental projects: are committed to comply with the highest standards of ethical principles and research integrity and confirm that the work is free of plagiarism;
5. My organisation is NOT subject to an administrative sanction (i.e., exclusion or financial penalty decision)
6. My organisation is NOT in one of the following exclusion situations :





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- bankrupt, being wound up, having the affairs administered by the courts, entered into an arrangement with creditors, suspended business activities or subject to any other similar proceedings or procedures;
- in breach of social security or tax obligations.

7. My organisation (or persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the award/implementation of the grant) are NOT in one of the following exclusion situations:

- guilty of grave professional misconduct;
- committed fraud, corruption, links to a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking;
- shown significant deficiencies in complying with main obligations under an EU procurement contract, grant agreement or grant decision;
- guilty of irregularities within the meaning of Article 1(2) of Regulation No 2988/95;
- created under a different jurisdiction with the intent to circumvent fiscal, social, or other legal obligations in the country of origin (including creation of another entity with this purpose).

8. My organisation is NOT subject to a conflict of interest in connection with this grant and will notify without delay any situation which could give rise to a conflict of interests.

9. My organisation has NOT and will NOT, neither directly nor indirectly, grant, seek, obtain, or accept any advantage in connection with this grant that would constitute an illegal practice or involve corruption.

10. My organisation has not received any other EU grant for this project and will give notice of any future EU grants related to this project AND of any EU operating grant(s) given to my organisation.

11. My organisation is aware that false declarations may lead to rejection, suspension, termination or reduction of the grant and to administrative sanctions (i.e., financial penalties and/or exclusion from all future EU procurement contracts, grants, prizes and expert contracts).





## Other

Where did you get to know about us?

- ☐ Through the partners. Which one?
- ☐ Through social media. Which one?
- ☐ At an event Which one?
- ☐ Through mailing
- ☐ Other, please specify.

