

PQ-REACT 1st Newsletter!



Newsletter!



Hello,

We just concluded the first six months of our project, and it is the perfect time to launch our first newsletter to share the highlights of our first activities and our next steps to secure a smoother transaction to post-quantum cryptography!

Discover the **PQ-REACT world!** Meet the team, explore the project's core ideas, read inspiring news from our partners and sister projects, and be part of this amazing journey!

Thank you and best regards,
the PQ-REACT team.

WHAT IS PQ-REACT

The PQ-REACT project aims to design, develop and validate a framework for a faster and smoother transition from classical to post-quantum cryptography for various contexts and usage domains while leveraging Europe's most powerful Quantum infrastructure. With a strong consortium of 12 partners across the EU, the project will undertake multiple activities to achieve its mission within a 3-year timeframe.

But there is more! Open calls, pilot use cases and scientific publications are only a glimpse of the work that will be developed.

[Explore the PQ-REACT world here!](#)

A few words about the Upcoming Open Calls!



The poster features the PQ-REACT logo at the top left, which includes a stylized 'Q' icon. To the right is a large, abstract geometric shape composed of several intersecting lines in blue and red. The main text 'Open call #1' is prominently displayed in the center, with 'Open' in red and 'call #1' in blue. Below this, a dark blue horizontal bar contains the text 'PQ-REACT Open calls' in red. The date 'September 2024' is written in large, bold red letters. At the bottom, there is a background image of a digital data stream with binary code. Overlaid on this is a dark blue rectangle with the words 'STAY TUNED' in large, bold white letters. In the bottom left corner, there is a small logo for the European Union with the text 'Funded by the European Union'.

pq-react

Open call #1

PQ-REACT Open calls

September 2024

**STAY
TUNED**

Funded by the European Union

To strengthen Europe's position as a leader in the global cybersecurity economy, PQ-REACT will foster a series of Open Calls for SMEs and other stakeholders to bring and test their PQC algorithms. The #1 Open Call will be launched in

September 2024! More information, guidelines, webinars and video explainers on how to submit your application will be published in the upcoming months.

PQ-REACT team!



Introducing our dynamic and talented team, a group of individuals united by a common passion and commitment to excellence. Each team member brings unique skills, expertise, and perspectives, creating a harmonious blend of creativity and proficiency. Together, we strive for success, fueled by a shared dedication to delivering exceptional results and exceeding expectations on post-quantum cryptography. Meet the driving force behind our accomplishments - a team that thrives on challenges and embraces growth opportunities!

The PQ-REACT team's "chef de mission" is the National Center for Scientific Research "DEMOKRITOS". The team involves Research Institutes and Universities, Large Enterprises, & Innovative SMEs spanning across seven EU countries (**Greece, Estonia, Italy, Germany, Spain, Poland, and Bulgaria**).

Meet and greet with the PQ-REACT team!

Partners introduction



PQ-REACT breaking news!



We have already completed the project's first six months of implementation. During this time, the project began working towards its objectives and is starting to show some initial outcomes. Now let's examine how our partners are advancing within their area of focus with the **PQ-REACT #breakingnews!**

PQ-REACT #breaking news!



Interviews

Project's core ideas presented by each
Work Package leader!



Meet our Work Package leaders

Let's dive into the PQ-REACT work packages with our Work Package leaders. Join us on this journey and learn more about the work implemented in each Work Package, the objectives, the expected results and the teams behind the work.





PQ-REACT website & articles!

If you are interested in post-quantum cryptography, with one click, you can delve into the PQ-REACT world!



Read our stories!



Explore the PQ-REACT WORLD!



PQ-REACT in a nutshell



PQ-REACT in a nutshell

PQ-REACT world from acronym reveal to Quantum Cryptography definition, delve into the project's world!



Explore the PQ-REACT WORLD!



How is history connected to technology?



How is history connected to technology?

A short history lesson from Ancient Greece to Quantum computers!

Beyond PQ-REACT

Opportunities to take action and inspiration from the **#postquantum cryptography field!** From interesting reads to activities and events, PQ-REACT

is spreading the word about post-quantum cryptography!



Quantum Flagship

Explore European funding opportunities for Quantum technologies.



European Quantum Industry Consortium

The European Quantum Industry Consortium is inviting you in its upcoming event about "Women of Quantum".



StandICT.eu

The EU project StandICT is organising a webinar on the 7th of March for "Women in ICT standardisation".



Save the date! European Quantum Technologies Conference 2024

The biggest European quantum event, **the European Quantum Technologies Conference (EQTC) 2024**, will be organised and hosted by the Portuguese Quantum Institute (PQI) and will take place in **Lisbon** from **18 - 20 November 2024**.

[Learn more!](#)

**We are all ears to hear your questions, establish a
collaboration, or be in touch!**

Email Us at: contact@pqreact.eu



PQ-REACT EU project

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