# Xecs Call 2

*PO submission: 23 February 2023*
*FPP submission: 25 May 2023*

## What is Xecs?

Xecs is a trans-national innovation Cluster for Electronics Components and Systems (ECS).

Xecs is part of Eureka, an intergovernmental network for RD&I cooperation, involving over 45 countries globally. The Xecs Cluster has been jointly created by Industry and National Public Authorities to catalyse the sustainable digital transformation and to generate high economic and societal impact.

It is an instrument for the ECS community, designed to help build RD&I consortia, access funding and manage collaborative projects with exploitation and growth opportunities for all the partners involved. Xecs succeeds the highly successful Penta and Euripides Clusters with impactful projects, Driving Digital Transformation.

Xecs operates along the full ECS value chain, from materials and process technologies to components, modules and their integration into electronic systems, embedded software developments and software technologies, to full systems and System of Systems.

## How are the Xecs Calls run?

Xecs runs Calls for projects on an annual basis.

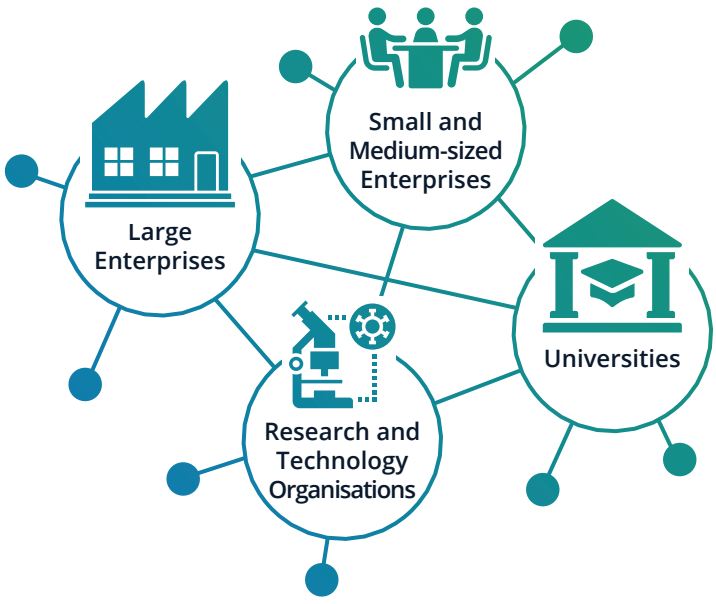
Each Call is guided by the ECS Strategic Research and Innovation Agenda and supported by countries across the Eureka network.

The Call cycle allows extensive opportunity to generate project ideas and build collaborative consortia with events organised to support the process.

Each Call operates in two stages: the Project Outline gives a short overview of the project and the Full Project Proposal describes the complete project plan.

Extensive expert, Public Authority and Xecs office support is provided throughout the Call cycle and extends into the project execution phase once projects are approved.

## Who can participate?



## *Why participate?*

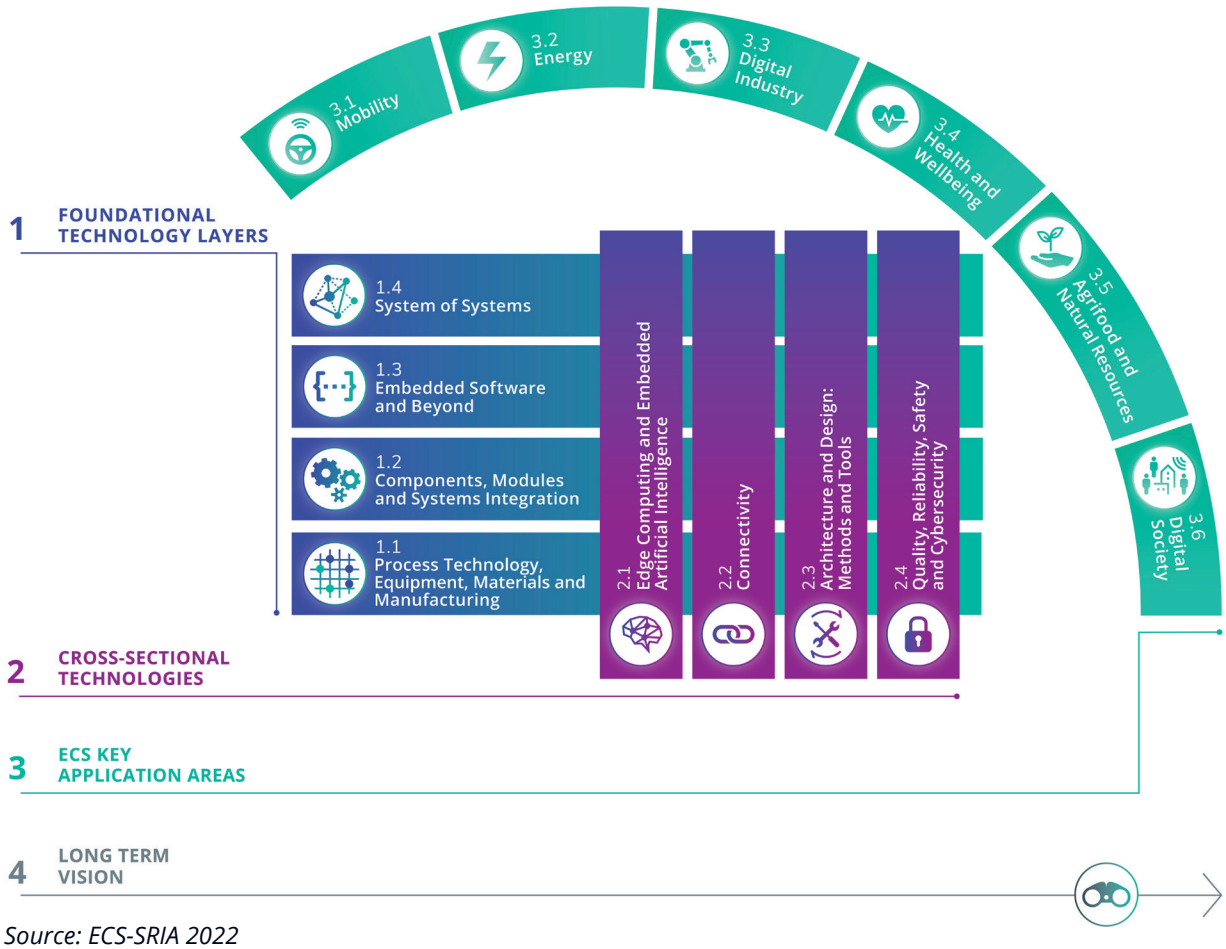
- **To take advantage of trans-national RD&I cooperation** and related national funding in a broad range of countries
- **To benefit from multiple and diversified partnership opportunities** from the ECS community, from research to end applications and create impactful collaborative consortia
- **To increase international visibility**
- **To stimulate disruptive ideas**
- **To lead, or be part of industry-led projects**, open to Large Enterprises, SMEs, Research and Technology Organisations and universities
- **To access expertise and get professional guidance, coaching and mentoring** from industrial experts and the Xecs team
- **To boost competitiveness** and accelerate growth
- **To shorten time-to-market**

## *What are the focus areas?*

**Electronic components & systems, and micro- and nanoelectronics based systems and applications, are now the cornerstone of economic and societal development. To keep ahead in global markets, a solid understanding of rapidly changing needs, together with the establishment of innovation and exploitation ecosystems involving all relevant stakeholders, is essential.**

Xecs has been set up to meet the needs of industry by supporting collaborative projects covering all facets of RD&I based on the ECS Strategic Research and Innovation Agenda (ECS SRIA). The ECS SRIA is a technology roadmap developed by the Industry Associations, AENEAS, EPoSS and Inside that identifies societal and economic needs and related RD&I challenges.

Detailed foundational technology layers, cross-sectional technologies and ECS Key applications areas are provided by the ECS SRIA. It covers the areas of application of the mobility, energy, digital industry, health and well-being, agrifood and natural resources, and digital society.




*Source: ECS-SRIA 2022*

## How to submit a project?

The Xecs office is available throughout this process to support applicants.

**29 Sept 2022**
**XECS LAUNCH EVENT**

**24-25 Nov 2022**
*EFECS BROKERAGE*

**23 Feb 2023**
**PO SUBMISSION**

**25 May 2023**
**FPP SUBMISSION**

**June 2023**
*LABELLING*

**Sept 2023**
*FUNDING*

**START OF THE PROJECT**

→ *Project Ideas Generation*

### *Phase 1: Project idea development*

The development of potential ideas for projects is a continuous process that has begun with the Xecs Launch Event and is further stimulated by the networking activities at EFECS.

A useful service for looking at ideas or finding part-ners for your ideas is the ECS Collaboration Tool. This is open to all and available 24/7 online.

→ *Consortium Building*

### *Phase 2: Consortium Building*

Applicants can meet potential partners through the ECS Collaboration Tool or attend the organised events we organise to specifically promote networking and idea sharing. These include the EFECS conference in November, to further reinforce the project consortium.

In addition, many countries will organise webinars that will inform participants on the Xecs Call and the conditions under which national funding support may be provided.

→ *Project Submission*

### *Phase 3: Project submission and evaluation*

**Xecs projects are submitted through the Project Zone in two stages:**

**The Project Outline** provides an overview of the project, mainly to describe the goals, innovations and targeted business/societal impact.
They are evaluated by technical experts and national Public Authorities, and successful projects are invited to submit a Full Project Proposal. All projects receive extensive feedback to either help create the best possible Full Project Proposal or improve the project proposal for possible resubmission later.

**The Full Project Proposals** then go through a second evaluation cycle and funding decisions are made, generally subject to the completion of individual country national funding processes.

→ *Project management*

### *Phase 4: Project management*

Once funding is confirmed and the project has received the label, the project will be initiated at a "kick off" meeting. The Xecs office will work with the partners on a reporting and review process throughout the usually three years of the project.

As in all the other phases, the emphasis will be on giving applicants the maximum support possible (technical and otherwise), to ensure a successful "high impact" outcome for all project partners.

## *How can Xecs office help you?*

**The Xecs office is available throughout the complete life of the project: from the project idea development to the project end, supporting you to build your consortium, submit your proposal, coaching and mentoring your consortium until the very end of your project, with the assessment of the generated impact.**

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More on eureka-xecs.com


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15/09/2022