



How to prepare a successful proposal ?

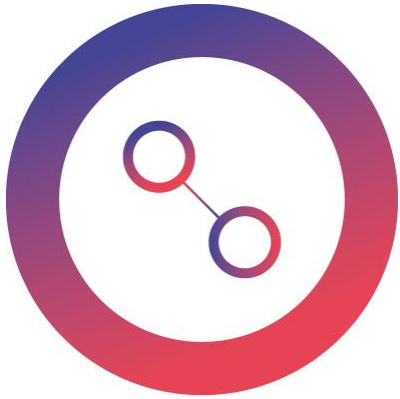
Aeneas

Σ eureka

For more information:
www.eureka-xecs.com

Networking

Idea Generation-Consortium Development-Project Preparation



 ECS Collaboration Tool

<https://ecscollaborationtool.eu/>



 ECS Brokerage 2022
 18th/19th January 2022



Posters



Pitches



Briefing



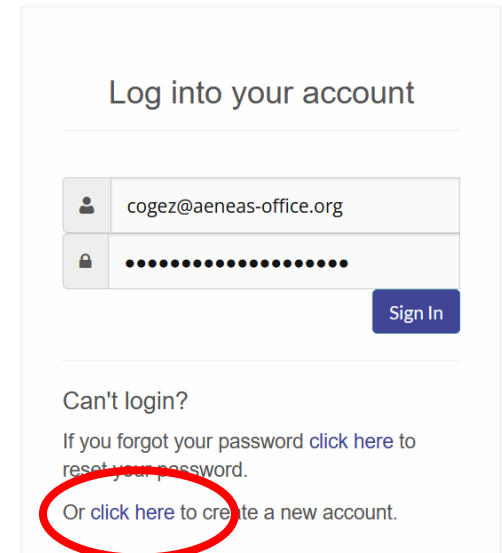
Funding

ECS Collaboration Tool

<https://ecscollaborationtool.eu/>




LOG INTO YOUR ACCOUNT


A screenshot of the login form. The title is 'Log into your account'. There are two input fields: the first contains the email 'cogez@aeneas-office.org' and the second contains a masked password '.....'. A blue 'Sign In' button is to the right of the password field. Below the fields, there is a section titled 'Can't login?' with two links: 'If you forgot your password click here to reset your password.' and 'Or click here to create a new account.' The second link is circled in red.

 Warning: Not the same as the Xecs Project Zone account !

ECS Collaboration Tool


Features in the Tool

The logo for the ECS Collaboration Tool, featuring a stylized 'E' made of three overlapping circles in blue, red, and green.**ECS COLLABORATION TOOL**


 | [PUBLIC](#) | [COMMUNITY](#) | [OFFICE](#)

[PATRICK COGEZ](#) ▾


[PROJECT IDEAS](#) ▾ | [PARTNER SEARCH](#) ▾ | [MESSAGE BOARD](#) ▾ | [HELP](#) ▾ | [CALENDAR](#) ▾

A circular icon with a red border containing a stylized head profile with a lightbulb inside, symbolizing an idea.


Create a project idea
Initiate a project idea in the ECS Collaboration Tool and invite partners, and browse other project ideas.

A circular icon with a red border containing two stylized figures shaking hands, symbolizing partnership.

Look for a partner
Use the partner search on ECS Collaboration Tool to look for possible partners based on their expertise, and invite them to join your project idea.

A circular icon with a red border containing a magnifying glass over a document, symbolizing search.

Look for other project ideas
Browse through the ECS Collaboration Tool to find project ideas and send out an online request to join in a consortium.

A circular icon with a red border containing a message board with a speech bubble, symbolizing communication.

Message Board - Get noticed even more
Leave a message on the message board for possible partners or interesting project ideas.

ECS Collaboration Tool

Look for other project ideas (1/2)

☆	Trust++	Trusted Devices for Ambient Intelligence	Christopher Nigischer	NXP Semiconductors Germany GmbH (DEU)	2021-10-06	Supply chain security · Traceability · Counterfeit protection	↓
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Trust++ - Trusted Devices for Ambient IntelligenceA globalized Value chain of Electronic components contains dangers: Piracy and defective products Based on Blockchain technology, Trust++ ensures the legitimacy of ICs and detects counterfeited products quickly and efficiently. It ensures backtracking along the whole supply chain up to the wafer manufacturing process.

☆	REALXTEND	XR metaverse	Jani Mikael Vallirinne	University of Oulu (FIN)	2021-10-15	Artificial intelligence · Digital twins · Ar · Vr · Xr	↓
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TitleAcronymREALXTENDProject DescriptionMake the next level of web mainstream and allow integration of digital twins and AI. the main point is to enable presence and collaboration equally between humans, and also between AI and digital twins.

☆	SCALE	Scalable Maskless Lithography	Anneliese Poenninger	EV Group E. Thallner GmbH (AUT)	2021-01-04	Mems · Maskless back-end lithography · Direct patterning · Advanced packaging · Biomedical devices	↓
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Title: Scalable Maskless LithographyAcronym: SCALEProject Description: It is intended to develop a maskless lithography technology that meets the critical requirements of design flexibility and minimal development cycles in High Volume Manufacturing and eliminates mask-related difficulties and costs. A Laser Direct Writing Lithography system resolves the disruption between versatile but slow development machinery and fast but inflexible production. It provides a scalable solution that simultane...

- ☐ Ch02. Health and Well-Being [3]
- ☐ Ch03. Energy [3]
- ☐ Ch10. Process Technology, Equipment, Materials & Manufacturing for ECS [3]
- ☐ Ch07. Connectivity and Interoperability [1]
- ☐ Ch09. Computing and Storage [1]

Events

- ☐ EF ECS 2020 Pre-Brokerage [26]
- ☐ ECS Brokerage Event 2021 [18]
- ☒ EF ECS 2021 Pre-brokerage [12]
- ☐ ECS Brokerage Event 2022 [7]

ECS Collaboration Tool

Look for other project ideas (2/2)

quickly and efficiently. It ensures backtracking along the whole supply chain up to the wafer manufacturing process.

Save

Key Selling Points

What is the market relevance?

- Increased trustworthiness, security and reliability of electronic devices in critical IoT infrastructures
- Relevant for public safety, national security, healthcare and automotive

What is the innovation?

- Countering malicious market behavior and counterfeiting by using a blockchain solution
- IC Supply chain protection based on a root of trust combined with a distributed IT system

What is the business impact?

- Eliminating costs for authenticity lab testing
- Faster and cheaper validation of products

Save

Already Involved

Partners Involved

- NXP Semiconductors Germany GmbH
- Chainstep GmbH
- MunEDA GmbH
- GlobalFoundries
- Delft University of Technology

Looking for

Partners needed

- Expertise: OEMs tier one and tier two, Semiconductor manufacturers
- Partner type: industrial
- Countries: Europe excluding Germany

EF ECS 2021 Pre-brokerage

This idea will be presented as poster
Download poster template

This idea will be presented as presentation
Download pitch template

ECS Brokerage Event 2022

This idea will be presented as poster
Download poster template

This idea will be presented as presentation
Download pitch template

Supply chain security · Traceability · Counterfeit protection

Edit idea (Trust++)

Request to join idea

Request to join the idea via the tool

Email the idea contact person

Contact



Christopher Nigischer
NXP Semiconductors
Germany GmbH
Germany

Invitations

PARTNER SEARCH

Partner Search

Saved Searches

Participant search

Here you can find all contacts that have their profile publicly available. If you click on a contact, you can invite them to join your idea.

MEMS

Search

Reset

Save Search

0 items on 1 pages

Events

☐ ECS Brokerage Event 2022 [0]

Organisation type

☐ Research institute [8]

☐ Unknown [1]

☐ Associate [0]

☐ Consultant [0]

☐ Government [0]

☐ Large industry [0]

☐ Office [0]

☐ Others [0]

☐ Public authority [0]

☐ Small and medium sized enterprise [0]

☐ University [0]

Country

☒ Germany [91]

☐ Finland [4]

☐ Norway [4]

☐ Sweden [4]




☐ Belgium [3]

☐ France [3]

☐ Italy [3]

Pre-arranged selection criteria

- Countries
- Organisation type
- Events

Contact	Organisation	Country
 Thomas Stoppe	Fraunhofer Institute for Photonic Microsystems IPMS	Germany
Contact Profile ... MEMS and MOEMS actuators and sensors environmental sensing 5G RISC-V LIDAR etc....		
 Jan Rockstroh	Hahn-Schickard	Germany
Contact Profile ... MEMS, Inertial Sensors...		
 Bernd Hermann Folkmer	Hahn-Schickard	Germany
Contact Profile ... MEMS Design, Design-Analysis, Modelling, Simulation, Optimization, multi-physics, multi-scale ...		

Most important: Create your own contact profile !

ECS Collaboration Tool

MESSAGE BOARD

[+ POST NEW MESSAGE](#)

Looking for ideas?

Optimal management of energy systems/micro grids

I am part of a research group with expertise in advanced control techniques for energy systems/micro grids, renewable based. We have been involved in several EU projects over the years (<https://ses.jrc.ec.europa.eu/i3res>, <https://ses.jrc.ec.europa.eu/e-gotham>, <https://www.haeolus.eu/>) and we look for new opportunities in this topic. We are mostly interested in the 3.2 ENERGY-ECS Key Application Area (see the ECS-SRIA 2022 Draft), Major Challenges 2-4.

-Posted by Valerio Mariani on 25-11-2021

[➡ Invite contact for idea](#)

Microfluidic Lab-on-a-Chip and Photobiomodulation

We are a research oriented team focusing on microfluidic lab-on-a-chip design, development and manufacturing capabilities and we are also interested in photobiomodulation therapy. Open for providing service and research partnership on both expertise Best wishes

-Posted by Serhat Sevlil on 21-10-2021

[➡ Invite contact for idea](#)

Looking for partners?

Looking for Industrial Partners and Research Agencies

We are looking for partners to support our activities to develop sustainable manufacturing for the mining sector. A Canadian consortium is looking to add partners that can help utilize digital technologies in the mining sector. In particular, collaborators with experience in advanced manufacturing of large components, monitoring and sensor develop. We're interested in both commercial and higher TRL solutions.

-Posted for idea MARIOS on 26-10-2021

[➡ Request to join idea](#)

Looking for partners or consortiums

The ADGA Group is a privately held Canadian engineering company working on a handsfree, just-in-time (JIT) training and real-time medical guidance devices that leverages computer vision and augmented reality to provide operators with medical guidance at the time of need. We are looking for partners or consortiums to join that focus on health and medical well-being, the use of AI/ML in medical applications, and medical/anatomy related AR techniques. -Posted for idea 7: MedCoach on 30-12-2020

[➡ Request to join idea](#)

https://ecscollaborationtool.eu/ecs-brokerage-event-2022.html 67%

Getting Started AENEAS Project Zone GoToMeeting VDI/VDE SRIA reposit... Eureka Clusters AI Call ownCloud ARTEMIS

ECS COLLABORATION TOOL

PROGRAMME

Tuesday 18 January 2022

08:30	Registration
10:00	Welcome & opening
10:15	ECS-SRIA 2022 introduction by SRA Chair and Vice-Chairs
10:45	KDT Calls 2021-2022 Information
11:15	Xecs Calls information
11:45	Joint EUREKA Clusters call
12:00	SMEs expertise pitches
12:30	Lunch
13:30	Project idea presentations
15:00	Coffee break & consortia meetings
15:30	Project idea presentations
16:30	Poster session & consortia meetings
17:30	Networking cocktail & poster session

Wednesday 19 January 2022

08:00	Registration & Welcome coffee
09:00	Workshop on submitting Xecs project proposals
09:45	Workshop on submitting KDT project proposals
10:30	Coffee break
11:00	Consortia meetings & face-to-face area
12:30	Lunch
13:30	Consortia meetings & face-to-face area
13:30	Co-located session(s): ECS-SRIA 2023 session

This preliminary programme is still subject to changes.

X Registration is open

X So far, planned as physical event in Brussels (Le Plaza hotel)

X Free for AENEAS members !

AENEAS association

AENEAS is an Industrial Association representing its members in the **Electronic Components and Systems (ECS)** value chain:



- e Large industries, Small and Medium Enterprises, Research institutes, academia and associated org.

AENEAS aims at:

- e Fostering **R&D&I**
- e Creating an effective funding landscape

The successful development of the Digital Economy in Europe is essential:

- e To maintain a competitive position
- e To support its societal goals

AENEAS initiates and supports actions that:

- e Promote networking
- e Encourage collaborative consortia work
- e Facilitate access to funding support

e Visit <https://aeneas-office.org/>

Benefits joining AENEAS

More than a network, a global community

Shape

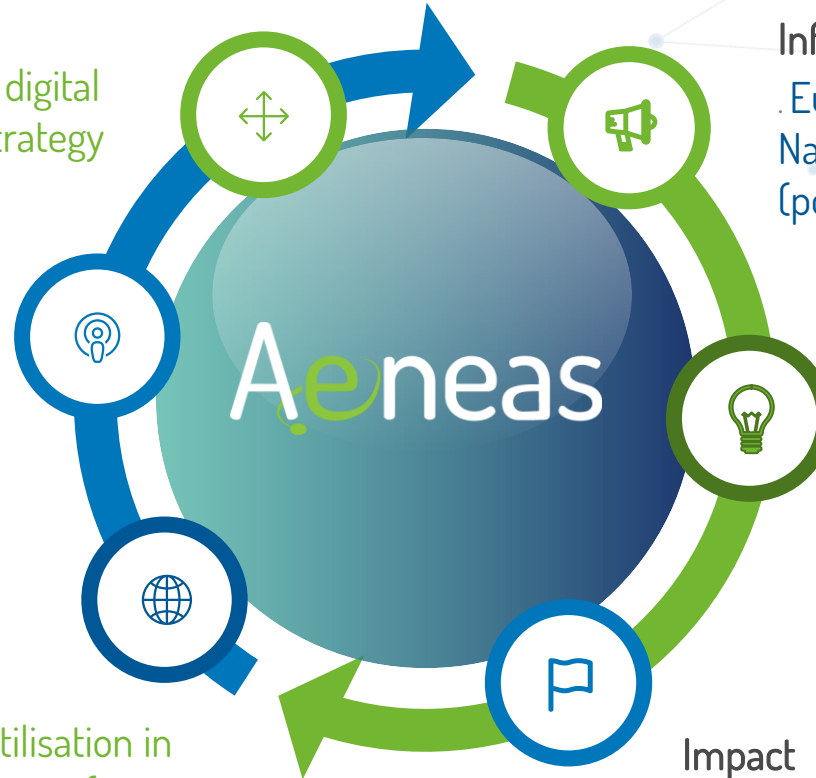
Together, shape the future of digital Europe and co-define RD&I strategy

Community

- Belong to the Community of Electronic Components and Systems
- Participate in EF ECS yearly event
- Attend Brokerage / Consortium Building events

Network

Benefit from cross-fertilisation in a global network of experts from large companies, SMEs, universities and Research organisations



Influence

European Commission and Parliament, National and Regional Public Authorities (position papers, meetings, events, etc.)

Create

- Build new partnerships / consortia
- Participate in the co-creation of new projects
- Fund your project with various instruments (e.g. Xecs, KDT)
- Run funded projects with AENEAS support

Impact

- Economic impact on your activities (accelerate your time to market)
- Solve societal and economic challenges

Dedicated to AENEAS SME members, free of charge



Hyperstone

Created in 1990

Employees 65

Company Location

Konstanz, Germany

hyperstone®

Hyperstone is a fabless semiconductor company focusing on NAND flash and SSD controllers. Hyperstone's DNA for the past 30 years has been developing and delivering high quality, reliable and innovative solutions and striving to enable its customers to produce world-class storage systems for industrial, embedded, automotive and global communication applications. The firmware is supplied with the controllers and is customised for each flash application.

POSITIONING IN THE ELECTRONICS VALUE CHAIN

Supplying chips, reference systems and application firmware.

R&D & COLLABORATIVE INNOVATION INVOLVEMENT

H2020-FP7 / ELITE (leader): Technology development for vertical die stacking/interconnect
BMBF / 03FH025IX5 (participant): ECC and Compression
PENTA / XSR-FMC (leader): platform to develop POC silicon for advanced flash memory controller

TECHNOLOGICAL EXPERTISES

- NAND Flash memory controllers
- NAND Flash Technology
- Error Correction Coding (ECC)
- Flash Translation Layer (FTL)
- Security (AES, SHA, Elliptic Curve, TCG Opal)

MARKETS

- Industrial Automation, Industrial IoT
- Automotive (IVI, DashCam, ADAS...)
- Transport solutions
- Telecom Infrastructure (24/7 uptime)
- Smallcells, nanocells
- Energy (distribution, grid management,...)
- PoS, Kiosk, Gaming
- Secure storages (all markets), Medical

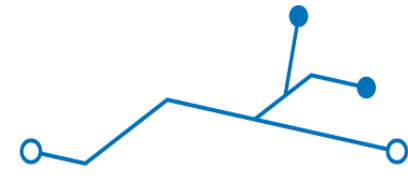
LOOKING FOR PARTNERS AND EXPERTISES

- Firmware development (security expertise)
- COT flow & Automotive Certifications
- Error Correction Coding
- Automotive Tiers-1 project partner for Disk-on-Board (DoB) solution development
- Channel modelling for flash memory
- Integrators and users of Flash based storage solutions (customisation, know-how transfer)

MORE INFORMATION

www.hyperstone.com
 Damien Col, EU Program Manager
dcol@hyperstone.com

Xecs Project, AENEAS Membership and Fees



✕ No obligation to be an AENEAS member to be in a Xecs projects

✕ Project fees

- To allow office to run the programme (brokerage organisation, project selection and monitoring, information...)
- Only if project is funded
- To be paid to AENEAS (managing Xecs programme)
- Amount = Percentage of public grant (in past two years, 1.7% - rate defined yearly by AENEAS General Assembly)
- Independent of whether you are AENEAS member or not

✕ At FPP phase, choice between

- AENEAS membership, or
- Signature of “Declaration of Acceptance”

✕ “Declaration of Acceptance”

- Commitment to abide to AENEAS Articles of Association and to Internal Regulations (fees payment, and to

✕ AENEAS membership

- No fixed membership fee
- Same amount of project-related fee as for non-members
- Voting rights in General Assembly
- Benefits as explained earlier (visibility, networking, information...)

Key ingredients for a successful proposal



✕ Well-defined problem statement: must be crystal clear, they are often too generic



✕ Extending/defining the state of the art : how is your solution different from existing ones, show the uniqueness of your innovation



✕ Value chain ecosystem: explain clearly how the partners complement each other along the ECS value chain



✕ Commercial & other Impact: how and who will commercialise the solution(s), create new opportunities

Key ingredients for a successful proposal



✕ Meet national criteria: each national consortium must contact its national funding body



✕ Green Issues: Sustainability is important for all of us and should be demonstrated



✕ Ambition: Your proposal should be unique & ambitious but realistic despite risk



How to submit your proposal?

Aeneas

Σ eureka

For more information:
www.eureka-xecs.com

Project submission

General information

✕ Project submission is all via the Xecs PROJECT ZONE

<https://projects.aeneas-office.org/community>

✕ Two complementary channels for providing information

- Directly in the Xecs PROJECT ZONE
- Complemented by uploading two files
 - Word document – « Project Outline Annex »
 - Excel cost file
 - Templates are available on the Xecs Project Zone

✕ The SOONER you start, the better !

✕ The SOONER you contact your National Funding bodies, the better !

Be aware of Your Audience!



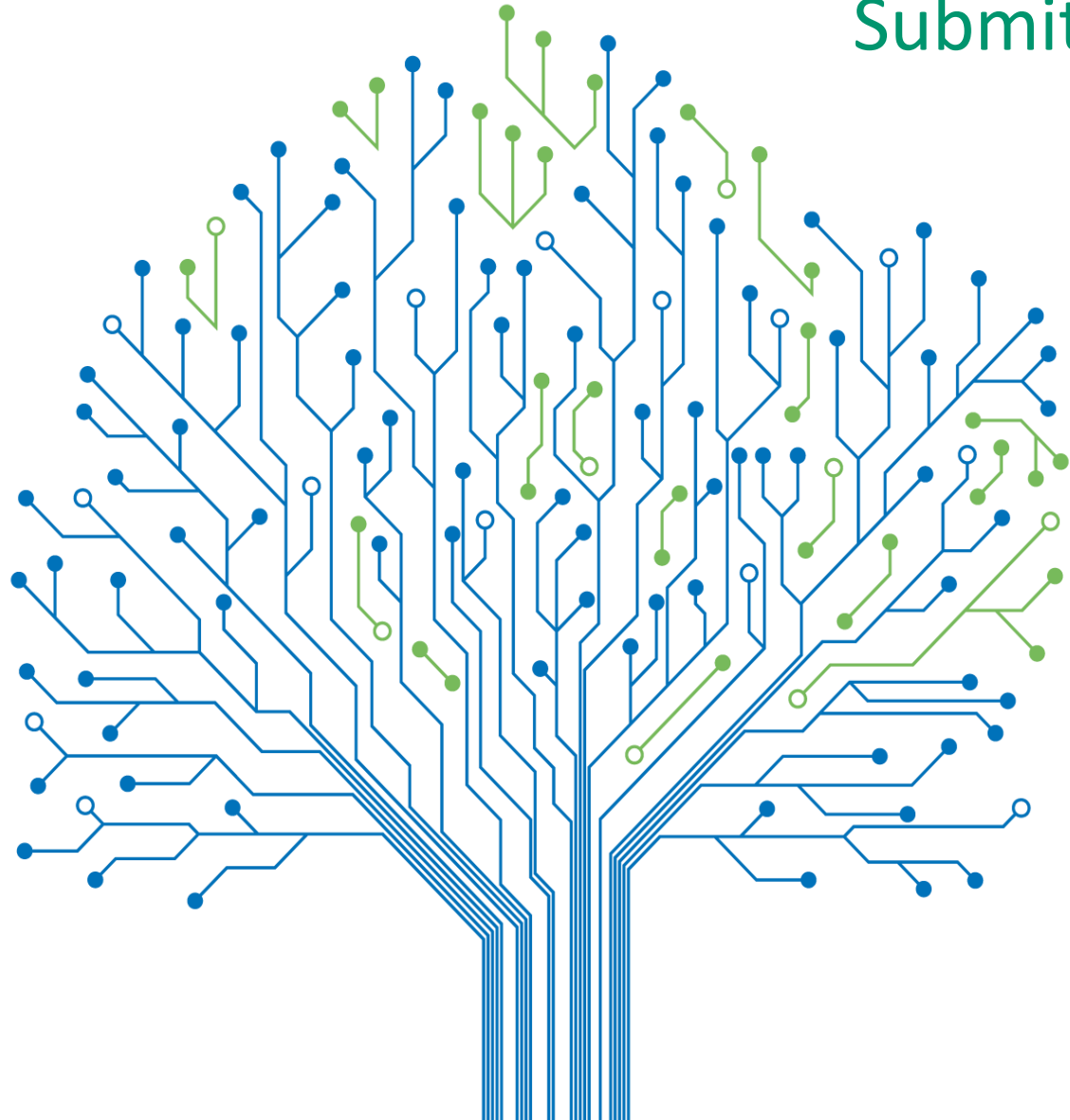
 Technical Experts will focus on the impact, quality and viability of the project as a whole

- Extending the State-of-the-Art
- Clear goals and objectives
- Complementary and appropriate consortium
- Stretch, but viable, targets reached through a well organised project
- Relevant to the Xecs programme focus areas (ECS SRIA)

 National reviews will focus on national participants

- Eligibility criteria
- Must be addressed by the partners in each country

Submitting a Project Outline



Project Outline Annex



Project Outline Annex

General Remarks

- ✕ Read the guidance text, and, if you don't understand it, **ask the office team**
- ✕ Key point: respect the page limits! Going beyond them will be interpreted by the experts as substituting quality by quantity
- ✕ Don't forget a picture is worth a thousand words
- ✕ Check for correctness of language. Poor English and incorrect spelling make it hard for the evaluators



Project Outline Annex

Table of Contents

1. Project description

Main idea: **what is your Unique Selling Point? and why are you able to deliver it?**

2.1 Rationale of the project

2.2 Targeted impact

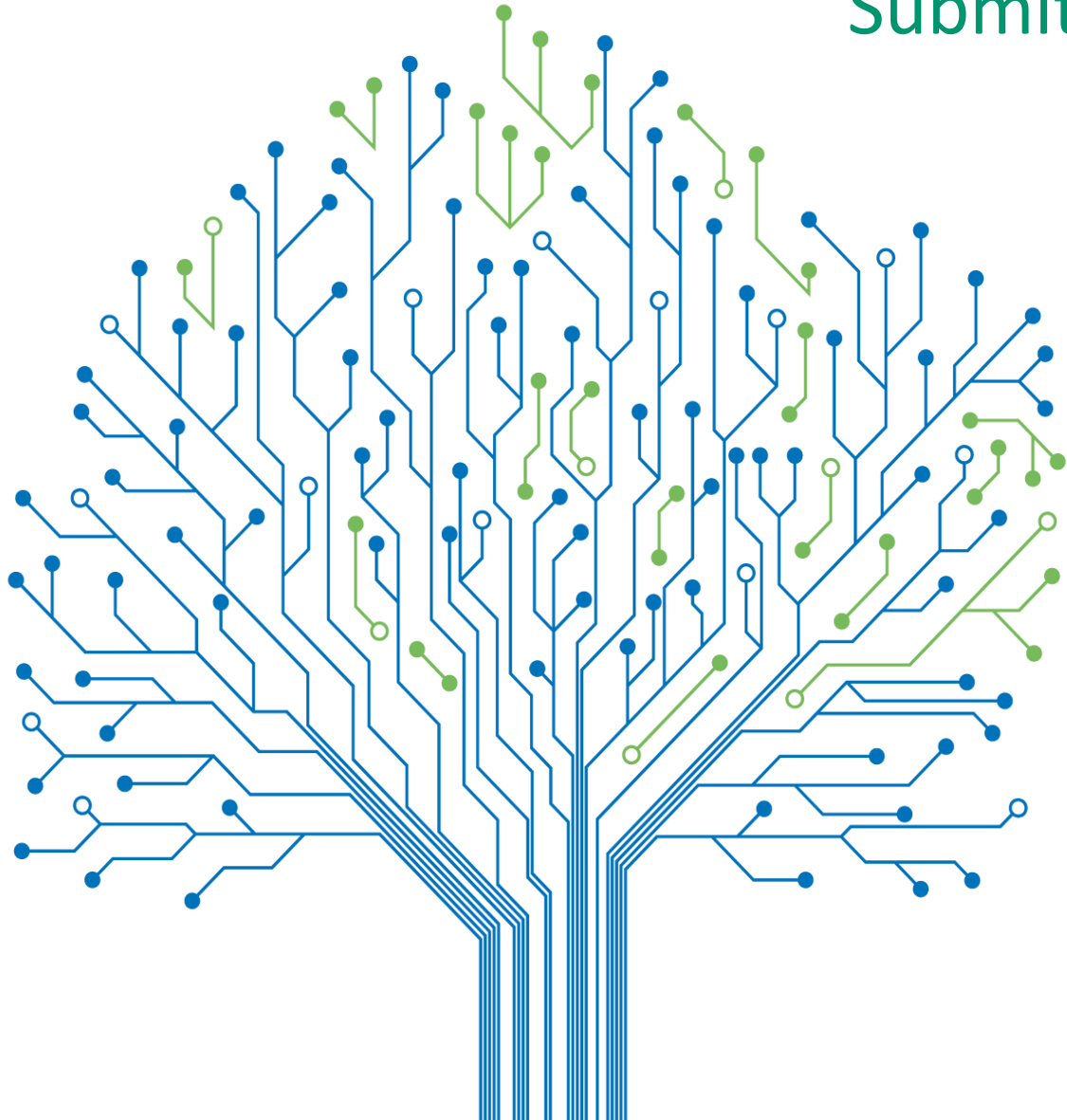
- Market analysis
- Consortium market access

2.3 Contribution to sustainability

2.4 Technology

- State-of-the-Art (SotA) analysis
- Summary of technological innovation and novelty in relation to the SotA
- Expected project outputs
- Summary of Project Objectives (measurable)

Submitting a Project Outline



Project Zone





Project Zone



How should you start ? <https://projects.aeneas-office.org/>

Once you have registered. You will receive an email to get access to **my Xecs profile**



Xecs, Penta and Euripides² are Eureka Clusters



Welcome

Registration and logging in on this page gives users access to the Xecs Project Zone which provides access to all the information necessary for submitting, evaluating and running a Xecs, PENTA or EURIPIDES2 Project

Identity
azizi@aeneas-office.org

Password
.....

Login

[Forgot your password? Reset password](#)

Don't have an account ? [Create your account](#)

HELLO SHEHERAZADE AZIZI!

Profile

Organisation

Events

Privacy settings

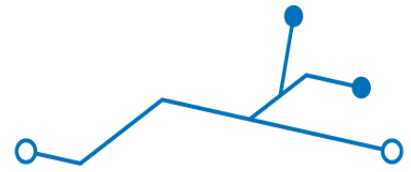
PERSONAL PROFILE

Name	Sheherazade AZIZI (2)
Email	azizi@aeneas-office.org
Phone (direct)	0033140644571
Phone (mobile)	
Mail address	44 rue cambronne 75015 Paris FRANCE
Profile visibility	Visible in ACT
Expertise	

[Edit your profile](#)

[Update your password](#)

Project Zone



What are the different steps of a project submission ?

✕ Create project

✕ Edit project basics

✕ Create/edit consortium

- Invite partners
- Edit partner details
- Add partner associates
- Edit cost & effort for funding (per country)

✕ Final project version

- Upload annex document
- Check merged document Submit project version
- Re-submit version until the given deadline

Project Zone

How to create a consortium ?

✕ Via the “Partners” tab you can invite a **new partner organisation** by giving an email address and clicking the button “Invite partner”:

- Invited partners will receive via email your invitation which they will have to accept


✕ Inviting a partner applies to inviting a partner organisation. An invitation should be sent to and accepted by **only 1 person per organisation**: the main technical contact for that partner organisation → Extra contact persons per organisation can be added by via the “Associates” tab (on a partner page).

Project Zone


How to finalise your project version?


Project checklist


General


 The required documents of types 'PO Annex, PO Cost Detail Annex' are missing in your proposal documents section

AENEAS

 Partner description is missing


 AENEAS is missing Role in project, Main Contribution, Strategic importance


 AENEAS is missing Market access


 Partner has no **effort**, Indicate effort or deactivate the partner

 In the “Management” tab of your project page:

- Upload the PO annex document
- Check the merged document
- Submit the project version





 It is highly recommended to already start testing to upload an Annex, checking the merged document and submitting the proposal well in advance before the deadline

 The Project checklist guides you through the missing information you need to provide before being able to submit a version.

 Only once all checks are successful, your Project Outline submission button will appear

Finalise your submission



-  Check that there are no blocking points in the project checklist
-  Please make use of the re-submit functionality to improve your proposal towards the final version
-  The deadline IS a deadline
-  The Xecs office is here to **help!**



Xecs^Σ

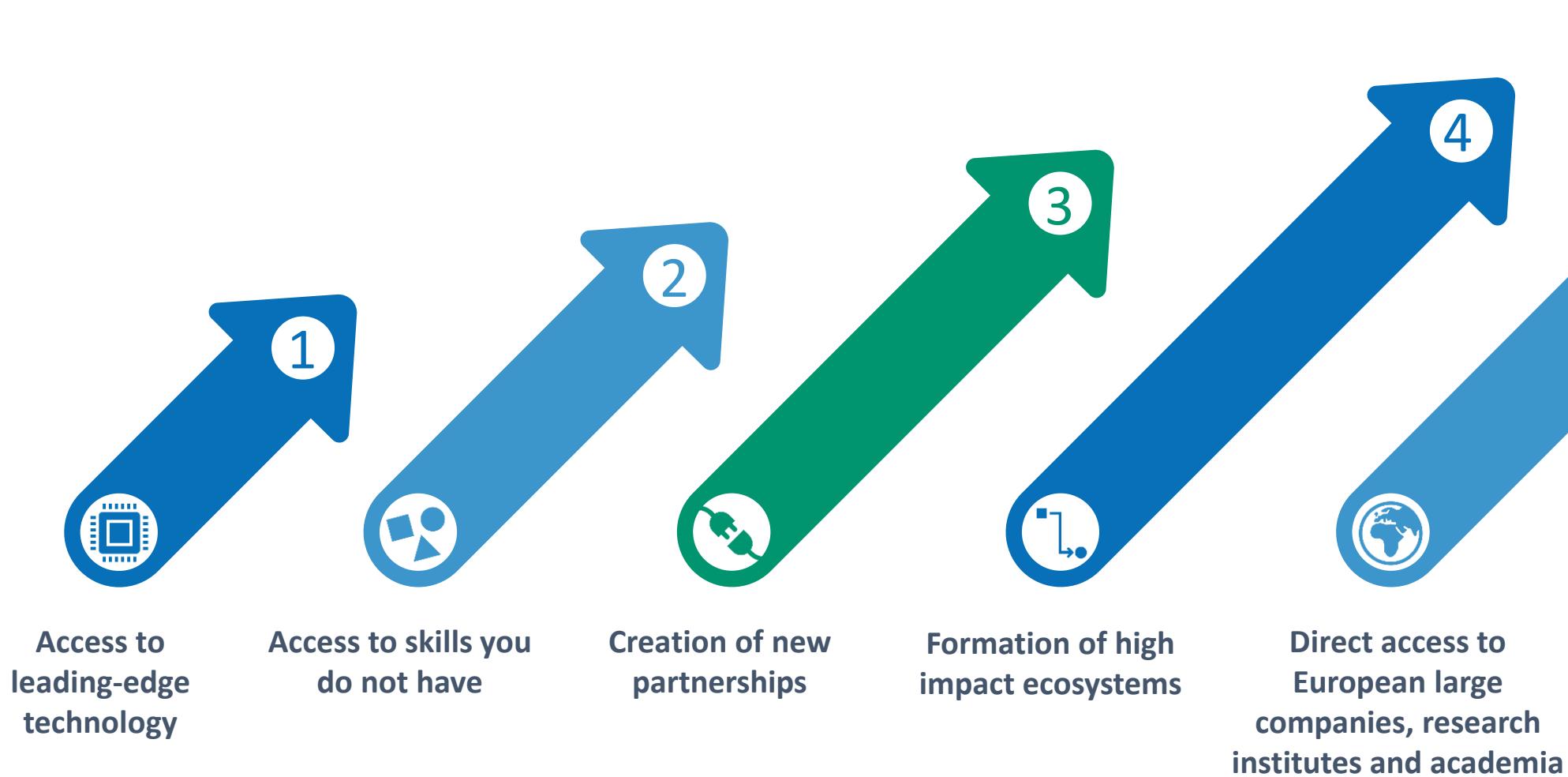
To conclude...

Aeneas

Σeureka

For more information:
www.eureka-xecs.com

Benefits of participation



2022 Xecs Call

Σeureka



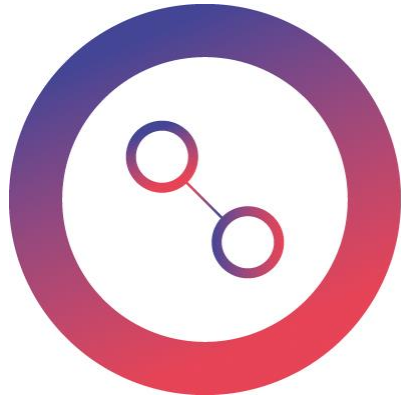
Xecs^Σ

PO submission: 25 February 2022

FPP submission: 27 May 2022

Take advantage of networking opportunities

Idea Generation-Consortium Development-Project Preparation



 **ECS Collaboration
Tool**

<https://ecscollaborationtool.eu/>



 **ECS Brokerage 2022**
 **18th/19th January 2022**

<https://ecscollaborationtool.eu/ecs-brokerage-event-2022.html>

The Xecs team: We are here to help!

Xecs^Σ



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Xecs^Σ



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Xecs^Σ



Nadja ROHRBACH

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[Xecs at a Glance II.mov on Vimeo](#)



Xecs Σ

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Aeneas

[Xecs_Eureka](https://www.linkedin.com/company/xecs-eureka)

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