

ECS
BROKERAGE
EVENT

Guide to the ECS Collaboration Tool

Ad ten Berg

ECS BROKERAGE EVENT

ECS Collaboration Tool

Connect

- Find & share project ideas
- Build consortias
- Look for partners
- Message board

<https://ecscollaborationtool.eu>



ABOUT

About the tool

The ECS Collaboration Tool: A networking tool for project ideas and potential partners.

Welcome to the ECS Collaboration Tool. This tool is a platform to enable project proposals in the field of Electronic Components and Systems. With this tool we facilitate the ECS community and collect all data and proposals together, making it easier for the ECS research community to find and create collaborations and project proposals.

The ECS Collaboration Tool is a new approach to enabling researchers and experts in Electronic Components and Systems (and related fields). The network is related to our previous work in European Forum for Electronic Components and Systems (ECS) 2012, but is available to support any related work, regardless of the funding instrument involved. It is available to all researchers, project consortia and funding bodies.

Users can submit projects and look for partners, or use the messaging system to look for partners or projects. After forming consortia project teams can submit the same research for funding support for their projects, both a national, ECSEL-RI, European Commission or DAREPA open funding.

Features in the tool

-  **Create a project idea**
Initiate a project idea in the ECS Collaboration Tool and then partners, and browse other project ideas.
-  **Look for a partner**
Use the partner search in ECS Collaboration Tool to look for possible partners based on your topic, and invite them to join your project idea.
-  **Look for other project ideas**
Browse through the ECS Collaboration Tool to find project ideas and send out an invite request to join in a consortium.
-  **Message Board - Get useful comments**
Leave a message on the message board for people, partners or interesting project ideas.

HOW DOES IT WORK?



HAVE AN IDEA?

If you have an interesting project idea, please create your project idea in the tool. When finished with preparing your project idea you can look for partners for your project by using the Partner Search or the Message Board.

Do you have what you need? Please visit the partners or the Message Board.



JOIN A CONSORTIUM?

If you are interested in joining a consortium, get to know the projects in the tool and specify if and which project interests your organisation's interest. Via the Partner Search you can contact project leaders to get the consortium's details or please message on the public Message Board, send us a interesting idea! You'll be contacted on the project page and have your view.

ECS Collaboration Tool

Find ideas

Search for ideas by entering keywords

Narrow down search results using the filters

- ECS Chapters
- Keywords and their amount used
- Program calls
- Events

The screenshot displays the ECS Collaboration Tool interface. At the top, there is a navigation bar with the following items: ECS COLLABORATION TOOL, ECS BROKERAGE EVENT 2022, PROJECT IDEAS, PARTNER SEARCH, MESSAGE BOARD, HELP, CALENDAR, and ANDRE HE. Below the navigation bar, the main heading is 'IDEAS'. There is a search bar with a 'Search' button and a 'Reset' button. Below the search bar, it indicates '48 items on 6 pages'. The main content area shows a table of ideas with the following columns: Fav, Project Idea, Acronym, Contact, Organisation, Created, and Keywords. The table contains several rows of data, including 'AI4SMB', 'Personalized health and wellbeing', 'SoCCompiler', and 'NTMA'. To the right of the table, there are filters for 'ECS SRA' and 'Chapters', with a list of chapters and their corresponding counts. At the bottom right, there are 'Events' listed, including 'ECS Brokerage Event 2022 [20]' and 'Brokerage for KI21 calls 2022 [5]'.

Fav	Project Idea	Acronym	Contact	Organisation	Created	Keywords
☆	AI4SMB	AI4SMB to open AI processing to SMB within EU offering economical AI for SMBs in digital business pr	Martina E. E. Kapp	Unknown	2021-06-10	ehealth - Mobility - AI - Smb - Partnering
☆	Personalized health and wellbeing	Intelligent sensors for personalized health and wellbeing assessment + personalized lifestyle interv	Pablo Hansro Gallego	Universidad de Zaragoza (ESP)	2021-12-26	
☆	SoCCompiler	SoC Compiler	Emmanuel Vaumornin	Artesis IP (former Magitem) Deployment Division (FRA)	2021-11-09	
☆	NTMA	no touch medical analysis	zacharias brandt	Stierbrandt AB (SWE)	2021-05-17	

ECS Collaboration Tool

Create new idea (1/2)

Click *New Idea*

Describe your idea


- Acronym
- Title
- Description

Indicate

- Proposal type
- Relevant ECS Chapters
- Relevant programme calls
- Events on which the idea will be shown or presented

Add keywords

IMPORTANT improves the findability of your project idea

 ECS COLLABORATION TOOL PUBLIC | COMMUNITY | OFF

PROJECT IDEAS ▾ PARTNER SEARCH ▾ MESSAGE BOARD ▾ HELP ▾ CALENDAR ▾

EDIT IDEA AI4SMB

Idea acronym
Give the acronym for your project idea

Title
Give here a brief title for the idea

Description
Enter your idea description here

Proposal type Idea proposal
 Partnership proposal

ECS SRA Chapters

- Ch01. Transport & Smart Mobility
- Ch02. Health and Well-Being
- Ch03. Energy
- Ch04. Digital Industry
- Ch05. Digital Life
- Ch06. Systems and Components: Architecture, Design and Integration
- Ch07. Connectivity and Interoperability
- Ch08. Safety, Security and Reliability
- Ch09. Computing and Storage
- Ch10. Process Technology, Equipment, Materials & Manufacturing for ECS

Select the chapters that your idea is involved in

Events Brokerage for KDT calls 2022
 I will present my project idea in the poster session

ECS Collaboration Tool

Create new idea (2/2)

- Describe your idea in detail
 - Short description
 - Key Selling Points
 - Already involved
 - Looking for
- Upload a poster, presentation and a pitch video
- Invite known contacts to your consortia

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☆ PROJECT IDEA AI4SMB

AI4SMB - AI4SMB to open AI processing to SMB within EU offering economical AI for SMRs in digital business pr.

Short Description

Give a short summary (75 words) of your project idea.

AI4SMB

AI4SMB

AI4SMB, also named in German as KI4KMU, is a small EU-based hi-tech software development shop (~20 pers.) outstanding mainly in e-health and applied AI.

Open

Key Selling Points

What is the market relevance?

- offering AI task to SMBs in EU
- smart access offerings to SMBs

What is the innovation?

- offering AI task to SMBs in EU
- smart access offerings to SMBs
- having had this problem

What is the business impact?

- viable through EU
- almost growing

Open

Already Involved

Partners involved

- K&K Holding AG
- intertea

Open

Current partners in consortia

Connectthink innovator

Looking for

Partners needed

- Expertise: IT, Automation
- Partner type
 - ind
 - sme
 - uni
 - coop
- Countries: all EU

Open

AI4SMB - AI4SMB to open AI processing to SMB within EU

Programme calls

- Horizon Europe KDT-2021 (preliminary)

Idea presentation

Health | Mobility | AI | Smb | Partnering | Partnership

Edit idea AI4SMB

Request to join idea

Contact



Marina E. C. Keppel

Invitations

Contact	Type	Created
Diago Pinto	Accepted Request to join type deadline	11 Jan 2022

Invite contact for idea

Idea Status

Merge with idea

Not merged

Select an idea here with which this idea should be merged. Merging is impossible if another idea already joined this idea.

Status

Open

Completed

Update idea status

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Partner Search

Search for partners

- Search on expertise, country, organisation , specific keywords or as registered for a specific event

Get notified when new partners arrive

- Using previous saved searches, get notified via email when new partners appear

ECS COLLABORATION TOOL
ECS BROKERAGE EVENT 2021 | PROJECT IDEAS | PUBLISHED SEARCHES | MESSAGE BOARD | HELP | CALENDAR

PARTNER SEARCH

Partner Search | Saved Searches

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 team.

security

20 items on 2 pages

Contact	Organisation	Country
Andrew Lagnon	The ADVA Group Consultants Inc.	Canada
Contact Profile ... Security and Enterprise Computing. Our clients include the Federal Government, Provincial, Terrestrial, and		
Clay Collier	TUBITAK	Turkey
Contact Profile ... The TUBITAK Informatics and Information Security Research Center (Turkish: TÜBİTAK Dönüşüm ve		
Chisema Swicki-Chiraf	Wedge Networks Inc.	Canada
Contact Profile ... security system. With an embedded deep learning AI engine and patented real-time deep content		
Holger Blosien	SYSSCO Health	Germany
Organisation Profile ... secure gateway and for the integration of multiple security domains while enforcing strong separation and		
Contact Profile ... a CC EAL3+ security and UO 119, ILC 01508, EN 30129, ISO 20252 safety-certified OS. It includes		
Interests ... security ...		

Events

- ECS Brokerage Event 2021 (7)

Organisation type

- Large industry (8)
- Small and medium sized enterprise (6)
- Unknown (3)
- Government (2)
- Research institute (2)
- University (1)
- Associate (3)
- Consultant (3)
- Office (3)
- Other (0)
- Public authority (0)

Country

- France (5)
- Austria (2)
- Canada (2)
- Germany (2)
- Spain (2)
- Turkey (2)
- Belgium (1)
- Cyprus (1)
- Czech republic (1)
- Italy (1)
- Romania (1)

PARTNER SEARCH

Partner Search | Saved Searches | Participant search

Search	Created	Notify me
"security"	05-01-2021 17:24:45	<input type="checkbox"/>
"factory"	05-01-2021 17:24:25	<input type="checkbox"/>
"Canada"	09-01-2020 14:34:57	<input type="checkbox"/>

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Get in contact with a partner

Request contact information

- Contact details such as email or address are not revealed to you at first
- Send a request with a personal message
- Once accepted, the contact details will appear in your Partner Search

Invite contact to one of your ideas

- Send an invite with a personal message
- Once accepted, the contact will appear in your *Current partners in consortia* of your idea



AD TEN BERG

Profile

Name	Ad ten Berg
Position	Office Director
Personal profile	Office
Department	Office
Organisation	Inside Industry Association
Organisation type	Office
Country	Netherlands

➔ Invite contact for idea

👁 Request contact information

ECS Collaboration Tool

Message board

- Messages of contacts, offering expertise, partnership or ideas
- Post a new message on the board yourself
- Contact the poster of the message or invite him to the project idea

The screenshot shows the 'MESSAGE BOARD' section of the ECS Collaboration Tool. The header includes navigation links for PUBLIC, COMMUNITY, and OFFICE, and a sub-header for ECS BROKERAGE EVENT 2022 with options for PROJECT IDEAS, PARTNER SEARCH, MESSAGE BOARD, HELP, and CALENDAR. A '+ POST NEW MESSAGE' button is visible. The main content area displays four message cards:

- Looking for ideas?**
 - Expert in antennas and metasurfaces for sensing and communications (5G, 6G, Terahertz)**

I am an expert in the field of wireless (THz), electromagnetic waves and also in microwaves, infrared and optics. My research topics are wireless communications, sensing and coexisting with or pro-protect and metasurfaces. If you have a challenging projects for which you need an original approach that I could also provide concepts with electromagnetic simulations, feel free to contact me: Tahsin.Akalin@univ-lyon.fr

Posted by Tahsin AKALIN on 18-01-2022

[Invite contact for idea](#)
 - Blockchain experts for hire**

Blockchain and distributed ledger technologies such as Bitcoin, Ethereum, or Solana are getting attention with their unique ability to transform the meaning of ownership of virtual assets. We aim to participate in new blockchain-driven use cases such as trust, data sharing, notarization, diploma notarizations and asset management (previously using EBSI infrastructure). E.g., we have experience with Ethereum and IPFS combined into distributed computer platform for European Space Agency.

Initiated by Nadine Jarry on 07-01-2022

[Invite contact for idea](#)
- Looking for partners?**
 - Partners on nanotechnology devices and circuits**

We wish to carry on a project focused on manufacture in a new innovative way integrated circuits (IC) in the nanometer range. Our idea of using vertical nanowires will boost the way of manufacture IC and I will reduce significantly the area footprint and the circuit power consumption. We are looking for partners and co-laborators to be able to go ahead with our idea. [Post on idea 07-01-2022](#)

[Request to join idea](#)
 - Looking for Electronics Manufacturers, Designers, System Integrators: Making electronic parts datasheets machine readable**

We want for a project which aims at making DATASHEETS about electronic components MACHINE READABLE using AI. We search for electronic parts manufacturers, system integrators and designers, manufacturers of integrated systems who rely on high quality and abundant information about electronic parts to provide innovative, high quality products. Please let me know if you are interested. Thanks!! [Post on idea 07-01-2022](#)

ECS Collaboration Tool

Event Pitches & Poster session

Available during Brokerage events

- Easy scroll through all ideas of the event
- All digital information available:
 - Posters
 - Pitch videos
 - Descriptions

ECS BROKERAGE EVENT 2021 [Webinar Breakouts](#) [Partner Search](#)

PITCHES & POSTERS

4: ECDES
Edge Continuum as a Backbone of a new Digital Economy System

PITCH

POSTER

ECDES

Edge Continuum as a Backbone of a new Digital Economy System

Challenges and objectives
As we increase the quantity of physical products, it becomes evident that, with the best of our intentions and efforts in recycling and planet environment conservation,

SHORT DESCRIPTION

Edge Continuum as a Backbone of a new Digital Economy System - ECDES

As we increase the quantity of physical products, it becomes evident that, with the best of our intentions and efforts in recycling and planet environment conservation, we are heading towards destruction of the only planet we currently have available.

While digital goods, in terms of services are already widely available, manufacturing of new digital goods (services and products) is conditioned by the knowledge of IT technology. In order to bridge this gap, we focus on capabilities introduced by recent rise of edge continuum and edge computing as technologies. The goal of our

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Thank you.

I wish you all a productive and fruitful event!