

Project Ideas from European brokerage event of February 4-5 (Brussels)

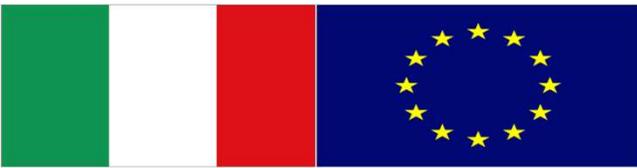
“Chips JU 2026 Non Initiative Call”

Alberto Bianchi,

Chips JU SRIA 2026, INSIDE Industry Association (Leonardo S.p.A)

Livio Baldi,

President Chips Mirror Group Italy



ECS Brokerage Event



Presentations at ECS brokerage event 2026 are available at:

<https://ecs-brokerage-event.eu/delegate-page-2026/>

ECS collaboration Tools can be accessed from here, or directly at:

<https://ecscollaborationtool.eu/>

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It is FREE!

ECS BROKERAGE EVENT 2026
4 & 5 February
The EGG, Brussels

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Aeneas
EPOSS. European Association on Smart Systems Integration
INSIDE Industry Association

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Collaborate and Innovate with ECS

The ECS Collaboration Tool is a platform to create project proposals and connect with partners in the field of Electronic Components and Systems.

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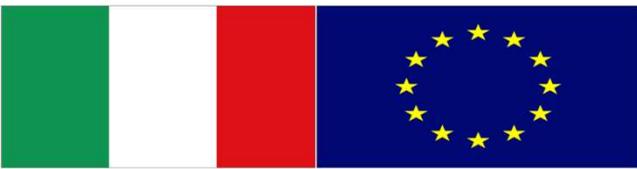
Search by project idea name, acronym, keyword or inside the descriptions

Search

Reset

84 items on 11 pages

Fav	Project idea	Acronym	Contact	Organisation	Created	Keywords
	LUCYD - Lifecycle Unified Cell sYstem for auto-Diagnostic	Integration of electronic intelligence in the next generation battery cells	Serge Peeters	VITO (BEL)	2025-01-30	State estimation · Lithium ion battery · Integration technologies · Next generation batteries · Inner sensors
<p>Integration of electronic intelligence in the next generation battery cells Acronym:LUCYD (Lifecycle Unified Cell sYstem for auto-Diagnostic) DescriptionEurope's battery industry faces a systemic crisis• 75% Chinese market dominance and 20-50% cost</p>						



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By ECS SRIA Chapter

ECS SRIA ⓘ

Chapters

- 1.2 Components, Modules and System Integration [49]
- 2.1 Edge Computing and Embedded AI [39]
- 1.1. Process Technology

By year of the event

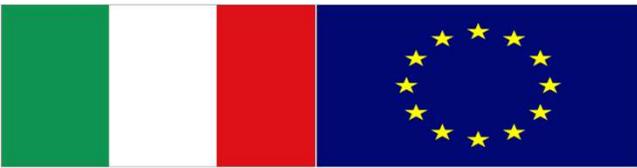
Events

- ECS Brokerage 2026 [65]
- ECS Brokerage 2024 [34]
- ECS Brokerage 2025 [25]

By Keyword

Keywords

- Ai [9]
- Advanced packaging [8]
- Heterogeneous integration [7]
- Risc-v [7]
- Gan [6]
- Chiplets [5]
- Edge ai [5]
- Integrated



ECS Collaboration Tool

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	IFOS-BAT	Integrated Fiber Optic Sensing for Battery Diagnostics (IFOS-BAT)	Anis Moradikouchi	RISE Research Institutes of Sweden AB (SWE)	2026-01-29	Fbg sensors · Optic sensors · Battery diagnostics · State of health of battery · Data driven ai modelling for battery life	
	NEUCORE	Predictable, Explainable, Mainstream, Trustworthy, Certifiable, and Flexible Embedded Neural Process	Jose T. de Sousa	IObundle, Lda (PRT)	2026-01-27	Explainable ai · Reconfigurable hardware · Edge inference · Trustworthy ai · Long term stable ai	
	ORIGEN	Resilience and Intelligence for European Food and Agriculture	Michaela Gabrielle Margida	Hoogendoorn (NLD)	2026-01-23	Resilience · Sensors · Food · Sustainability · Agrifood	

Short description NEUCORE – A Predictable and Trustworthy European Embedded NPU for Safety-Critical AI NEUCORE proposes a European embedded Neural Processing Unit (eNPU) designed for predictable, explainable, and certifiable AI execution in safety-critical and long-lived systems. Unlike existing AI accelerators optimized for peak performance, NEUCORE focuses on deterministic execution through hardware/software co-design, fixed scheduling, and controlled memory behavior, enabling compliance with re...

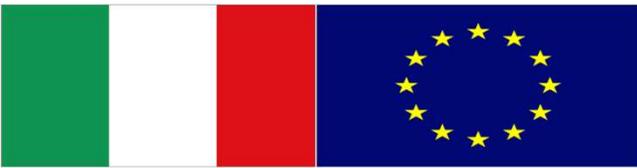
Filters
Use the filters below to refine the list of project ideas. Select ECS SRIA chapters, relevant events, or specific keywords to quickly find ideas that match your interests.

ECS SRIA

Chapters

- 1.2 Components, Modules and System Integration [49]
- 2.1 Edge Computing and Embedded AI [39]
- 1.1. Process Technology, Equipment, Materials & Manufacturing for ECS [30]
- 1.3 Embedded Software and Beyond [28]
- 3.3. Digital

For more detailed descriptions and for downloading poster and/or pitch



ECS Collaboration Tool



Description



Project Description
 What do I gain from this? Quantitatively evaluating QoS-sensitive application experience of end-users, finding root cause of bad experience in the networking pipeline (i.e. Wi-Fi & 4G/LTE), and proposing cures to alleviate these problems. What is your value proposition? Measuring end-user experience, pinpointing the problem, and proposing solutions. Why should I care? As an ISP or application vendor, if you want to increase end-user experience and reduce churn of customers.

What do I gain from this?

Quantitatively evaluating QoS-sensitive application experience of end-users, finding root cause of bad experience in the networking pipeline (i.e. Wi-Fi & 4G/LTE), and proposing cures to alleviate these problems.

What is your value proposition?

Measuring end-user experience, pinpointing the problem, and proposing solutions.

Why should I care?

As an ISP or application vendor, if you want to increase end-user experience and reduce churn of customers.

Key selling points



Key Selling Points

1. A framework for quantitatively measuring application QoE using application vendor information, crosscorrelating them with wireless edge issues, and proposing cures.
2. Improved end-user internet experience, improved end-user QoE on QoS-sensitive applications
3. Self-healing wireless edge and fixed wireless access that works on quantitative quality data.

Existing consortium



Partners Already Involved

Partners involved

1. Altice (IR Coordinator, IND)
2. Telco (FL ISP, IND)
3. Turku AMK (TU University of Applied Sciences, RES)

Sought partner



Looking For

Partners needed

1. Application vendors of QoS-sensitive applications.
2. STA vendors for which QoS-sensitive applications are critical.
3. ISPs, Cellular and Broadband operators focusing on QoS/QoE of their customers.
4. Research bodies for evaluating QoS/QoE.

Contact Person



Contact

 Haluk Gokmen
Turkey

Keywords



Programme Calls

- [H2020-2-1-01-2020](#)

Keywords

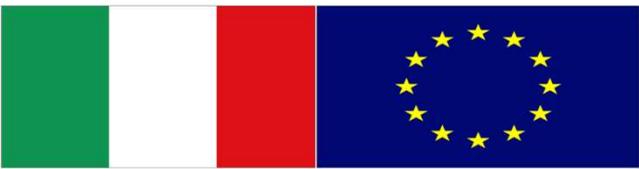
end-user experience, quality of experience (QoE), 4G/LTE network optimization, power layer analysis, wireless edge intelligence, QoS-sensitive applications, Wi-Fi and LTE, autonomous network management, digital service quality.

Poster and Powerpoint Pitch (sometimes at the bottom)



Downloadable documents

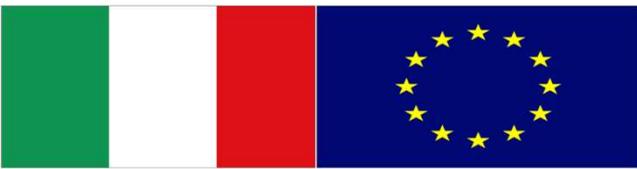
- [Wi-Excellence - Poster.pdf](#)
- [Wi-Excellence.pptx](#)



ECS Brokerage Event 2026



- 78 Project Ideas are available on the Collaboration Tool (there are some duplications). Among them:
 - 61 Ideas have inserted a poster
 - 48 Ideas have inserted a presentation
 - 40 have inserted both
 - 44 ideas come from universities or RTO, 34 from industrial partners
- In addition, there have been 19 SME presentations, also available.
- For detailed info you can download all the material from the ECS Tool <https://ecscollaborationtool.eu/>



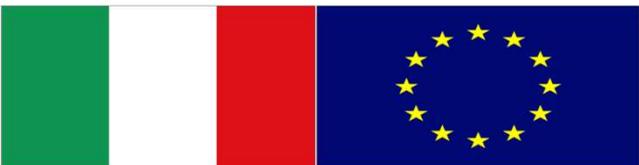
Proposals by SRIA topics



- Proposals can indicate more than one SRIA Chapter
- Duplications have not been taken away

Foundational Technology Layers			Cross Sectional Technology			ECS Key Application Areas		
1.1	Process Technology, Equipment, Materials & Manufacturing for ECS	30	2.1	Edge Computing and Embedded AI	30	3.1	Mobility	22
1.2	Components, Modules and System Integration	49	2.2	Connectivity	22	3.2	Energy	19
1.3	Embedded Software and Beyond	28	2.3	Architecture and Design: Method and Tools	19	3.3	Digital Industry	25
1.4	System of Systems	18	2.4	Quality, Reliability, Safety and Cyber-Security	23	3.4	Health and Well-Being	21
						3.5	Agrifood and Natural Resources	9
						3.6	Digital Society	14

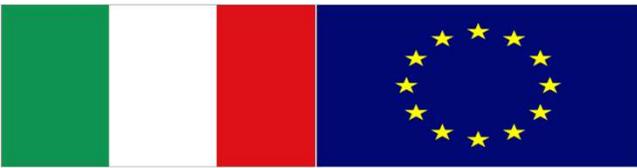
- 44 proposals do not indicate any consortium yet
- 21 a minimal one (2-3 partners, mostly universities)
- Only 12 proposal have indicated the presence a sizable consortium, 3 of them a large one (SAIBA, Trustline and UPSCR4PER)
- Most looked for partners are final users.



To what to pay attention?



- Novelty of the idea and appropriateness of the in/out expected TRL level
- Adherence to the Focus Topics or to the SRIA26
- Industrial and Academic strenght of the Consortium
- Italian Universities and RTOs cannot join without at least one Large Enterprise or SME
- Other Italian partners already in the consortium can provide advice, but make an additional Italian partner less desirable.



Thank you and good luck!

For any further info do not hesitate to get in touch with us:

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