



# INFODAY AIBBC OPEN CALLS

Fondazione Piemonte Innova

June 16<sup>th</sup>, 2023



Co-funded by  
the European Union

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30 Euroclusters

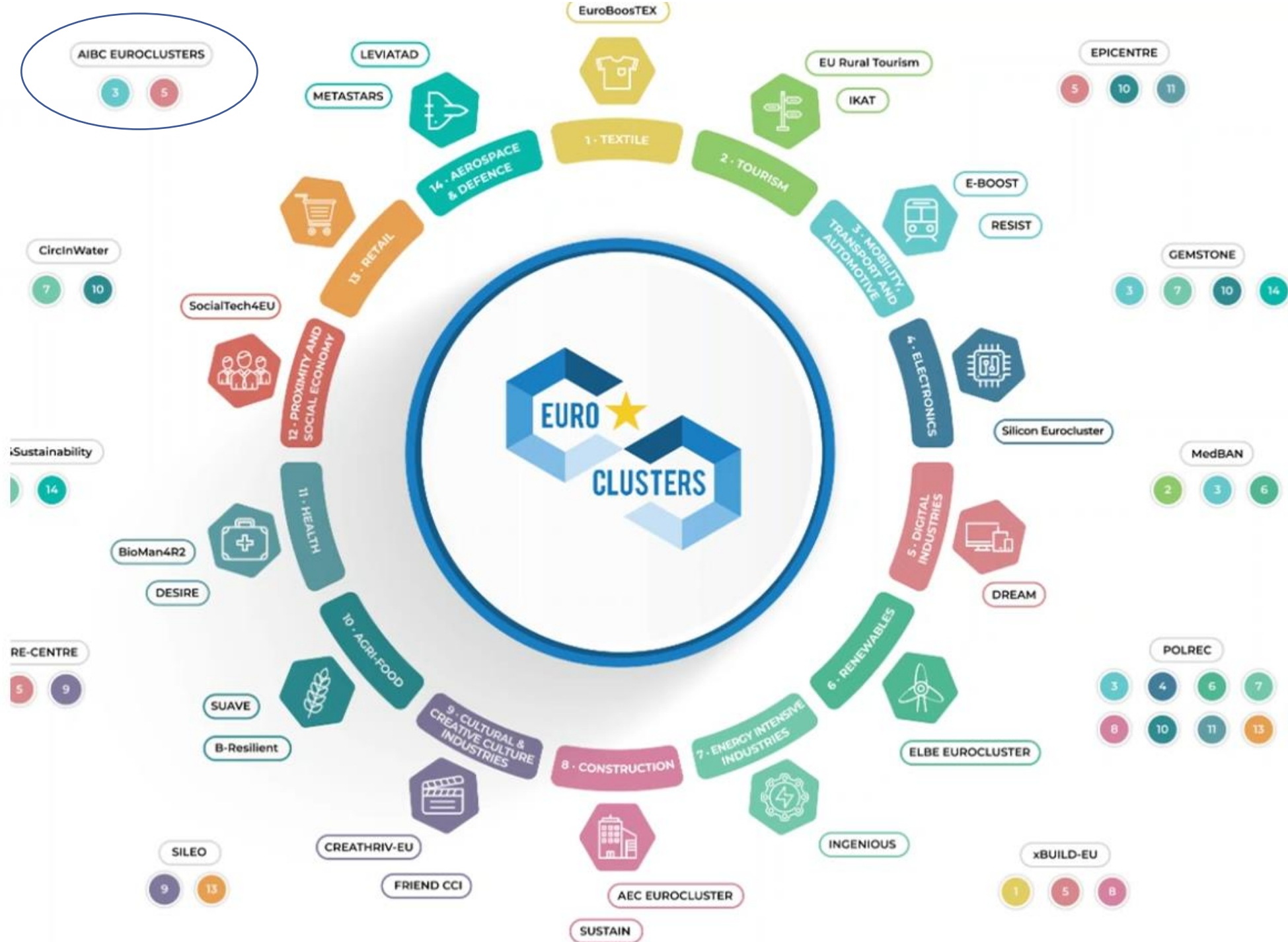
171 partners

23 different countries

Building resilience and accelerating transition to green and digital economy through:

1. Networking
2. Innovating
3. Adopting
4. Training
5. Outreach

PRZEOR Marek (GROW)



# AIBC EUROCLUSTERS

Artificial Intelligence (AI) & BlockChain (BC) for a greener and more digital economy supported by EUROpean CLUSTERS

**To support the cross-fertilisation of AI and BC into different industrial ecosystems (manufacturing, mobility, logistics, energy)**

## Specific objectives:



- **To adopt processes and technologies** to reinforce transformation into a greener and more digital economy
- **To support the development of AI and BC solutions** by European Single Market SMEs and start-ups.
- **To support the uptake of AI and BC applications** by different industrial ecosystems in need of digitalisation, resilience and green transition implementations.
- **To foster training and re-skilling** within the European ecosystem, especially of Clusters that can support SMEs and start-ups in their digital and green transformation.
- **To activate international contacts** to learn from and to explore business and collaboration opportunities.

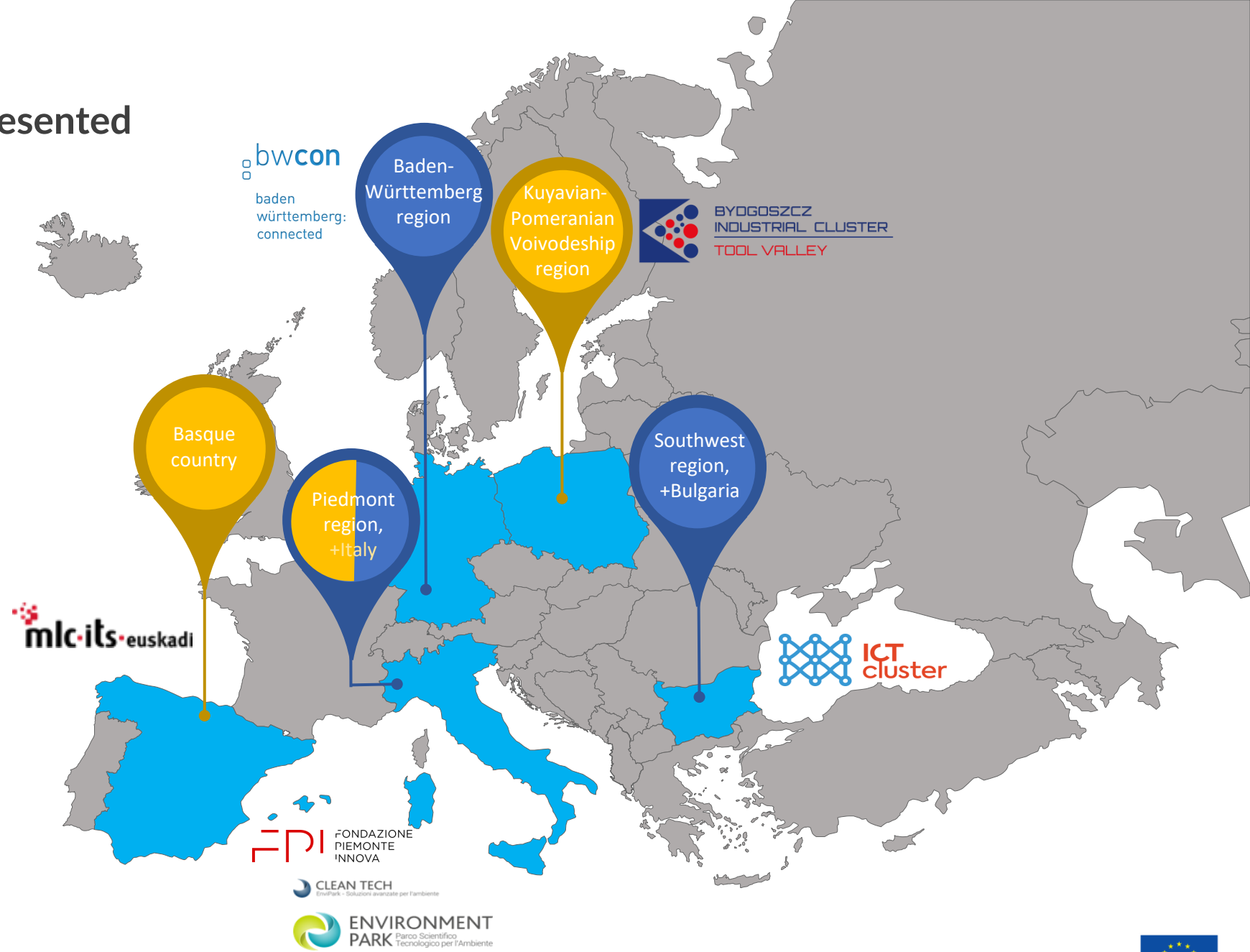
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# Consortium and sectors represented

-  Tech clusters
-  Industrial clusters



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AIBCEUROCLUSTERS

# OPEN CALLS

## OBJECTIVES & GOALS

### Opening date:

6 June 2023, 12:00 Brussels time

### Deadlines:

(1) 5 Sept 2023, 17:00  
Brussels time

(2) 16 Jan 2024, 17:00  
Brussels time

Contact:

[aibc@piemonteinnova.it](mailto:aibc@piemonteinnova.it)



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5K  
EUR

### TRAINING (1)

To contribute to the reskilling and upskilling of the human capital across EU on AI/BC topics

15K  
EUR

### SERVICES & PRODUCT DEVELOPMENT (1) (2)

To support the adoption of AI and BC applications by different industrial ecosystems (manufacturing, mobility, logistics, energy) in need of digitalisation, and green transition implementations to become more resilient. → CHALLENGES IDENTIFIED

2K  
EUR

### INTERNATIONAL EVENTS (1) (2)

To help European AI and BC SMEs access third markets and generate growth from international activities.

65K  
EUR

### PROJECT PROPOSALS (1)

To support the uptake, testing and demonstration of AI and BC applications by different industrial ecosystems (manufacturing, mobility, logistics, energy) to improve their twin transition and become more resilient. → CHALLENGES IDENTIFIED



# AIBC EUROCLUSTERS OPEN CALLS

## ELIGIBLE COMPANIES

### Small and Medium Enterprises (SMEs\*) & Start-ups (in the form of SMEs)

- working on Artificial Intelligence (AI) / Blockchain (BC) technologies
- from the manufacturing, mobility, logistics or energy sectors, interested in adopting AI & BC solutions to be more digital, resilient and green.

**established** in the Member States of the European Union (EU) and Countries participating in the Single Market Programme (SMP)

\*SME definition according with the Commission Recommendation 2003/361/EC and the SME user guide:

- < 250 employees
- Annual turnover: less or equal to €50 million or Annual balance sheet total: less or equal to €43 million.



# AIBC EUROCLUSTERS

## FINANCIAL SUPPORT TO THIRD PARTIES (FSTP)

### LUMP SUM MODEL

*"... fixed payment defined up-front and set out in the agreement. It is paid upon completion of activities, link to deliverables and no financial reporting is needed."*

### PAYMENT

Each call has its own conditions for payment.  
Mainly it will be carried out after completion of the funded activity upon acceptance of report and proof of the activities/projects being achieved.

### MAX. AMOUNT FOR SME

Beneficiaries can participate to the different **AIBC EUROCLUSTERS OPEN CALLS** but a single SME cannot receive more than **60.000,00 EUR overall**.

5K  
EUR

# TRAINING

**Opening date:**

6 June 2023

**Deadline:**

5 Sept 2023



**Training Activities targeted by the call, in presence or online:**

- Coaching
- Mentoring
- Interactive training
- On-the-job training
- Courses

**150.000,00 EUR → up to 5.000,00 EUR x SME**



# ELIGIBILITY CRITERIA

## Beneficiaries

1 SME or Start-up from ICT (AI or BC), manufacturing, mobility, logistics or energy sectors.

## Activities eligible for funding

- Digitalisation planning related to Artificial Intelligence and/or Blockchain adoption;
- Specific implementation of AI and BC;
- Updates on Artificial Intelligence and Blockchain technologies;
- How AI/BC support the **twin transition, sustainability, resilience**;
- New skills related to **AI/BC technologies**;
- Knowledge transfer** mechanism in the fields of AI, BC, Green, Sustainability and Resilience;
- Development of **business models** implementing/adopting AI, BC, Green, Sustainability and Resilience.

Issue of the **Attendance Certificate** and **Training Activity final report** needed.

## Duration of activities

Training activities must start after the signature of the agreement and be completed by **September 2024**.

## Eligible costs

Only costs for the training activities.



# EVALUATION

## Selection

At least **30 companies** will receive financial support.

## Evaluation criteria

### Section 1: RELEVANCE (max 15 points)

- Specific and general objectives tackled by the training

### Section 2: COHERENCE (max 20 points);

- Training activity sustainability and quality related to the competences acquired through the training;
- Coherence with the AIBC objectives and goals.

### Section 3: IMPACT (max 15 points)

- Contribution to enhance the innovation/digitalisation level of the staff participating

TOTAL SCORE achievable: **50 points** (threshold 40)

# TIMELINE

Open Call	Date
<b>Publishing date</b>	Tuesday, June 6 <sup>th</sup> , 2023
<b>Deadline for submission</b>	5 <sup>th</sup> September 2023 at 17:00 CET
<b>Evaluation period</b>	~6 weeks from deadline
<b>Information to applicants</b>	Mid-October 2023
<b>Acknowledgement of the selection outcome and acceptance of funding agreement terms and conditions (successful applicants) via email to <a href="mailto:aibc@piemonteinnova.it">aibc@piemonteinnova.it</a></b>	Within 5 working days of receiving communication End of October 2023
<b>Preparation and signature of the Agreement (deadline)</b>	End of October 2023
<b>Payment of the lump-sum</b>	After training has been carried out/attended and documentation from the beneficiary (attendance certificate and report of the training activities attended) has been received The payment will be carried out by FPI, coordinator of AIBC EUROCLUSTERS, and will be done within 60 days (2 months) after receiving the reporting documents.



15K  
EUR

# SERVICES & PRODUCT DEVELOPMENT

## Opening date:

6 June 2023

## Deadlines:

(1) 5 Sept 2023

(2) 16 Jan 2024



## Activities targeted by the call:

- Technology transfer
- Use of infrastructures
- Proof of Concept (PoC)
- Business model development
- Innovation development services
- Resilience continuity plans

300.000,00 EUR → 150.000,00 EUR cut-off → up to 15.000,00 EUR

# MACRO CHALLENGES ADDRESSED BY THE CALL

## Macro-challenges - Open Call for Digitalisation Services and Product Development

1 Sustainability and Green manufacturing using AI and Blockchain (linked to environmental impact)

Manufacturing

Energy

Logistics

2 Blockchain applications to support transactions

Manufacturing

Energy

Logistics

Mobility

3 Identify the sources of inefficiency and take corrective actions through Blockchain / AI

Manufacturing

Energy

Logistics

Mobility

4 Renewable energy sources and smart grid management thanks to AI (machine learning) and blockchain applications

Energy

Mobility

5 AI for Optimisation of Logistics paths

Logistics

Mobility

6 AI for Smart Mobility and pollution reduction within cities

Mobility

# TOPICS ADDRESSED BY THE CALL (I)

Macro-challenge	Challenge/topic description	
<p>1 Sustainability and Green manufacturing using AI and Blockchain (linked to environmental impact)</p>	<p>1.1 How AI/BC can enable / support the demonstration of CO2 consumption/emissions for environment friendly products (i.e. in view of a certification, to be more competitive for clients)</p>	<p>Manufacturing Energy</p>
	<p>1.2 Data analysis predictive and prescriptive maintenance manufacturing.</p>	<p>Manufacturing</p>
	<p>1.3 Reduce production generated waste and limit the environmental impact of production-processes. i.e. by enhancing of personnel-awareness; improving traceability processes of products; make a constant control of the end-of-life, and a resilient green transition.</p>	<p>Manufacturing Energy Logistics</p>
	<p>1.4 Process efficiency to reduce energy consumption, possibly with the introduction of innovative robotisation systems. Among the greatest issues to face are: energy costs, lack of qualified staff, robotisation process of companies, develop tools for processing polymeric materials with new parameters.</p>	<p>Manufacturing Energy</p>
<p>2 Blockchain applications to support transactions</p>	<p>2.1 Enabling and disintermediating complex payments and/or the exchange of values and services, through the use of blockchain technologies.</p>	<p>All Manufacturing Energy</p>
	<p>2.2 Notarisation of documents and transactions, certifying the time-stamp, in order to favour the service-conversion and the certification. Avoid counterfeiting and ensure the recognition of credits and rewards.</p>	<p>All Logistics Mobility</p>
	<p>2.3 Documentation management: concerning the goods, the driver and the vehicle transporting them, as well as the recipient.</p>	<p>Logistics</p>
	<p>2.4 Intellectual property management: register and protect intellectual property such as patents, trademarks and copyrights.</p>	<p>Manufacturing</p>

# TOPICS ADDRESSED BY THE CALL(II)

Macro-challenge	Challenge/topic description	
3 Identify the sources of inefficiency and take corrective actions through Blockchain / AI	3.1 Blockchain as a tool to record and monitor production activities and products quality in order to support companies to identify problems as quickly as possible and take corrective actions promptly.	<div data-bbox="1867 287 2356 329" style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div data-bbox="1867 329 2356 372" style="background-color: #92d050; padding: 2px;">Energy</div>
	3.2 In order to create an immutable and transparent record of logistics and transportation, blockchain can be introduced within company procedures to avoid delays or errors in delivery and take corrective actions promptly when needed.	<div data-bbox="1867 486 2356 529" style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div data-bbox="1867 529 2356 572" style="background-color: #00b0f0; color: white; padding: 2px;">Logistics</div> <div data-bbox="1867 572 2356 615" style="background-color: #007090; color: white; padding: 2px;">Mobility</div>
	3.3 Need to improve traceability methods for manufacturers, retailers and customers, for instance adopting PDA, and favouring the integration, communication and coordination between all the actors.	<div data-bbox="1867 708 2356 751" style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div data-bbox="1867 751 2356 793" style="background-color: #00b0f0; color: white; padding: 2px;">Logistics</div>
	3.4 AI for automatic suggestion of the set-up parameters referred to the production lines. i.e., algorithms based on the characteristics of the work-order compared to the history of the processes.	<div data-bbox="1867 879 2356 922" style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div>
4 Renewable energy sources and smart grid management thanks to AI (machine learning) and blockchain applications	4.1 Integration of electric vehicles in power management platforms for smart grids to progressively include as more subjects and objects as possible in the electric-smart grids.	<div data-bbox="1867 1051 2356 1093" style="background-color: #92d050; padding: 2px;">Energy</div> <div data-bbox="1867 1093 2356 1136" style="background-color: #007090; color: white; padding: 2px;">Mobility</div>
	4.2 Revision of the paradigm of adaptation of the energy production to the energy consumption, part of the consumption must be now adapted to the production taking into consideration the characteristics of intermittent renewable energy sources. I.e., differing some non-priority uses.	<div data-bbox="1867 1258 2356 1300" style="background-color: #92d050; padding: 2px;">Energy</div>

# TOPICS ADDRESSED BY THE CALL(III)

Macro-challenge	Challenge/topic description	
5 AI for Optimisation of Logistics paths	5.1 Improving the transport operations, by planning new routes in long-haul international routes, according to ordinary and unplannable delays. Analysis and study of a method able to re-plan a route (when delayed) and minimise the impact of the delay.	<div data-bbox="1847 464 2333 506">Logistics</div> <div data-bbox="1847 509 2333 552">Mobility</div>
6 AI for Smart Mobility and pollution reduction within cities	6.1 Road network maintenance (roads, pavements and signs): how to extract precise information and large amounts of data from different sources and obtain reliable pavement degradation models to allow accurate estimations of the maintenance actions.	<div data-bbox="1847 806 2333 849">Mobility</div>
	6.2 AI to support pollution forecasting, monitoring and modelling for cities, companies, etc.	<div data-bbox="1847 1049 2333 1092">Mobility</div>



# ELIGIBILITY CRITERIA

## Beneficiaries

1 SME from ICT (AI or BC), manufacturing, mobility, logistics or energy sectors, officially **founded before 31.12.2021** and registered in an EU Member State or country participating in the SMP.

## Duration

Up to **six months** from the signature of the agreement and completed by **September 2024**.

## Eligible costs

The funding amount must cover the costs for the services and activities, that will be offered by a service provider activated by the company. The costs are exclusively **meant for performing the services and the activities allowed**.



# EVALUATION

## Selection

At least **20 companies** will receive financial support.

## Evaluation criteria

### Section 1: RELEVANCE (max 35 points)

- Coherence of the proposal with the selected challenge proposed;
- Solutions adequacy of the proposal with the specific and general objectives of the SME

### Section 2: COHERENCE (max 30 points);

- Service provider(s) sustainability and quality (competences and expertise);
- Financial assessment of costs (based on market costs);
- Timeline and organization of work.

### Section 3: IMPACT (max 35 points)

- Contribution to enhance the innovation/digitalisation level of SME;
- Degree of exploitation, transferability of results and replicability.

**TOTAL SCORE achievable: 100 points (threshold: 66)**

# TIMELINE

Open Call	Date
<b>Publishing date</b>	Tuesday, June 6 <sup>th</sup> , 2023
<b>Deadlines for submission</b>	1 <sup>st</sup> Cut-off: 5 <sup>th</sup> September 2023 at 17:00 CET 2 <sup>nd</sup> Cut-off: 16 <sup>th</sup> January 2024 at 17:00 CET
<b>Evaluation period</b>	~ 6 weeks after each cut-off
<b>Selection communication</b>	1 <sup>st</sup> Cut-off: mid-October 2023 2 <sup>nd</sup> Cut-off: End of February 2024
<b>Acknowledgement of the selection outcome and acceptance of funding agreement terms and conditions (successful applicants) via email to <a href="mailto:aibc@piemonteinnova.it">aibc@piemonteinnova.it</a></b>	Within 5 working days of receiving communication. Thus: 1 <sup>st</sup> Cut-off: mid-end of October 2023 2 <sup>nd</sup> Cut-off: beginning of March 2024
<b>Preparation and signature of the agreement deadline</b>	1 <sup>st</sup> Cut-off: mid-end of October 2023 2 <sup>nd</sup> Cut-off: beginning of March 2024
<b>Project duration</b>	Maximum 6 months from the signature of the agreement.
<b>First payment</b>	20% of total amount. On 2 <sup>nd</sup> month, after acceptance of first report deliverable.
<b>Final reporting</b>	1 <sup>st</sup> Cut-off: End of May 2024 2 <sup>nd</sup> Cut-off: End of September 2024 The exact dates will be set out in the agreement.
<b>Final payment</b>	80% of the total amount. The payment will be carried out by FPI, coordinator of AIBC EUROCLUSTERS, and will be done within 60 days (2 months) after receiving the final reporting documents. Thus: 1 <sup>st</sup> Cut-off: End of July 2024 2 <sup>nd</sup> Cut-off: End of November 2024



2K  
EUR

## INTERNATIONAL EVENTS

### Opening date:

6 June 2023

### Deadlines:

(1) 5 Sept 2023

(2) 16 Jan 2024



### Activities targeted by the call

- Thematic Summits
- International Conventions
- Global Forums
- Conferences
- Congresses
- Exhibitions
- Fairs

20.000,00 EUR → 10.000,00 EUR cut-off → up to 2.000,00 EUR x SME

# ELIGIBILITY CRITERIA

## Beneficiaries

1 SME or Start-up working on Artificial Intelligence (AI) & Blockchain (BC) technologies.

## Activities eligible for funding

In-person participation of SMEs or Start-up in events

- related to AI & BC technologies,
- in Europe and outside Europe

## Duration

The event must happen between November 2023 and October 2024, after the signature of the agreement and before the AIBC project ends.

## Eligible costs

The eligible costs are exclusively those related to the participation in the event: travelling costs, accommodation, subsistence, fees for participation in the event, booth costs.





Cost category	Cost description	Country/region	Amount in EUR
A	Travel, accommodation, and subsistence for 1 person participating in the event	Europe  (different from the country where the SME is located or has an office)	700,00
B	Travel, accommodation, and subsistence for 2 persons participating in the event	Europe  (different from the country where the SME is located or has an office)	1.000,00
C	Travel, accommodation, and subsistence for at least 1 person participating in the event. Does not increase with more people participating to the event.	Different region in the same EU Member State or Country participating in the SMP where the company is based or has an office	500,00
D	Costs for participating in an event related to registration fee, stands, booth.	Europe, EU Member States & Countries participating in the SMP.	Up to 1.000,00
E	Any cost related to at least 1 person participating in the event: travel, accommodation, subsistence, registration fee, stands, booth.	Outside Europe, EU Member States, Countries participating in the SMP.	2.000,00

# EVALUATION

## Selection

at least 10 companies will receive financial support.

## Evaluation criteria

### Section 1: COMPANY PROFILE (max 10 points)

- Company profile according to AIBC target;
- Where do you see your company within the next 5 years in terms of AI and/or BC development and internationalisation?

### Section 2: OBJECTIVES AND GOALS TO PARTICIPATE TO THE EVENT (max 30 points)

- Specific objectives of the company in the short term regarding the participation in the selected event;
- Contribution of this event to the development of the company.

**TOTAL SCORE achievable: 50 points (threshold: 40)**

# TIMELINE

Open Call	Date
Publishing date	Wednesday, June 6 <sup>th</sup> , 2023
Deadlines for submission	1 <sup>st</sup> Cut-off: 5 <sup>th</sup> September 2023 at 17:00 CET 2 <sup>nd</sup> Cut-off: 16 <sup>th</sup> January 2024 at 17:00 CET
Evaluation period	~3 weeks after each deadline
Information to applicants	1 <sup>st</sup> Cut-off: beginning October 2023 2 <sup>nd</sup> Cut-off: beginning February 2024
Acknowledgement of the selection outcome and acceptance of funding agreement terms and conditions (successful applicants) via email to <a href="mailto:AIBC@bwcon.de">AIBC@bwcon.de</a>	Within 5 working days after receiving communication 1 <sup>st</sup> Cut-off: mid-October 2023 2 <sup>nd</sup> Cut-off: mid-February 2023
Preparation and signature of the agreement (deadline)	1 <sup>st</sup> Cut-off: mid-October 2023 2 <sup>nd</sup> Cut-off: mid-February 2024
Payment of the lump-sum	~60 days after attendance to the event and reception of proof documentation from the beneficiary.





65K  
EUR

# PROJECT PROPOSALS

**Opening date:**

6 June 2023

**Deadline:**

5 Sept 2023



## Activities targeted by the call

- Development of AI / BC prototype solutions for end-users to arrive to the MVP (Minimum Viable Product) stage at least.
- Testing through pilot/demonstrator of new / improved environmentally friendly products, solutions and/or services, using AI and/or Blockchain in the industry of reference.

520.000,00 EUR → up to 65.000,00 EUR x consortium

# MACRO CHALLENGES ADDRESSED BY THE CALL

## Macro-challenges - Open Call for Digitalisation Services and Product Development

1 Sustainability and Green manufacturing using AI and Blockchain (linked to environmental impact)

Manufacturing

Energy

Logistics

2 Blockchain applications to support transactions

Manufacturing

Energy

Logistics

Mobility

3 Identify the sources of inefficiency and take corrective actions through Blockchain / AI

Manufacturing

Energy

Logistics

Mobility

4 Renewable energy sources and smart grid management thanks to AI (machine learning) and blockchain applications

Energy

Mobility

5 AI for Optimisation of Logistics paths

Logistics

Mobility

6 AI for Smart Mobility and pollution reduction within cities

Mobility

7 Improving company's services and products under a Web3 perspective

Manufacturing

Energy

Logistics

Mobility

# TOPICS ADDRESSED BY THE CALL(I)

Macro-challenge	Challenge description
1 Sustainability and Green manufacturing using AI and Blockchain (linked to environmental impact)	1A Blockchain implementation could improve the efficiency document accountability in all reverse logistics operations- Reverse logistics cover all activities related to the product once it has left its normal life cycle or is to be returned. Due to the further increase of e-commerce, reverse logistics has been more challenging than direct logistics and implies a major expense for companies. Besides, as in every supply chain process, blockchain will improve the manufacturing process and quality control enabling transparency.
	1B Data analysis predictive/prescriptive maintenance manufacturing.
	1C Reduce production generated waste and limit the environmental impact of production-processes. i.e. by enhancing of personnel-awareness; improving traceability processes of products; make a constant control of the end-of-life, and a resilient green transition.
	1D The manufacturing business is a dynamic environment, where there is always the possibility to be faster and more precise. With the constant development of technologies, and with their proper adaptation, the manufacturing processes can adapt and improve significantly. - companies need to provide employees a safer and more secure working environment. - Analysis of new parameters to improve the efficiency of manufacturing processes to improve energy consumption.
2 Blockchain applications to support transactions	2A Enabling and disintermediating complex payments and/or the exchange of values and services, through the use of blockchain technologies.
	2B Documentation management: concerning the goods, the driver and the vehicle transporting them, as well as the recipient.

Logistics

Manufacturing

Manufacturing

Energy

Logistics

Manufacturing

Manufacturing

Energy

Logistics

Mobility











Logistics

All

# TOPICS ADDRESSED BY THE CALL(II)

Macro-challenge	Challenge description	
3 Identify the sources of inefficiency and take corrective actions through Blockchain / AI	3A Blockchain as a tool to record and monitor production activities and products quality in order to support companies to identify problems as quickly as possible and take corrective actions promptly.	<div style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div style="background-color: #92d050; padding: 2px;">Energy</div>
	3B Blockchain can be introduced and improved among company-procedures to create an immutable and transparent record of logistics and transportation, and in order to support companies in better managing warranty claims and intellectual property. This provides support to companies in avoiding delays or errors in delivery, counterfeiting and ensuring the recognition of credits and rewards, and taking corrective actions promptly when needed.	<div style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div style="background-color: #00a0a0; color: white; padding: 2px;">Logistics</div> <div style="background-color: #007080; color: white; padding: 2px;">Mobility</div>
	3C Need to improve traceability methods for manufacturers, retailers and customers, for instance adopting PDA, and favouring the integration, communication and coordination between all the actors.	<div style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div> <div style="background-color: #00a0a0; color: white; padding: 2px;">Logistics</div>
	3D AI for automatic suggestion of the set-up parameters referred to the production lines. i.e. algorithms based on the characteristics of the work-order compared to the history of the processes.	<div style="background-color: #006633; color: white; padding: 2px;">Manufacturing</div>
4 Renewable energy sources and smart grid management thanks to AI (machine learning) and blockchain applications	4A Integration of electric vehicles in power management platforms for smart grids to progressively include as more subjects and objects as possible in the electric-smart grids.	<div style="background-color: #92d050; padding: 2px;">Energy</div> <div style="background-color: #007080; color: white; padding: 2px;">Mobility</div>
	4B Introduction and use of machine learning algorithms to forecast energy demands (i.e. starting from the energy-demands of micro and mini-grids at district scale) and thus to support companies in better managing their energy-flows and costs. Revision of the paradigm of adaptation of the energy production to the energy consumption, part of the consumption must be now adapted to the production taking into consideration the characteristics of intermittent renewable energy sources.	<div style="background-color: #92d050; padding: 2px;">Energy</div>
	4C Management systems integration to allow SMEs to increase the effectiveness of alternative energy installations by making data-driven decisions and optimising the usage of energy. SMEs that have invested in renewable energy installations currently need tools to efficiently manage green energy solutions and be able to make most of it. The support of green transformation of manufacturing SMEs and the effective management of energy sources could be achieved by implementation of smart industrial energy management software to monitor and control the utilities consumption online.	<div style="background-color: #92d050; padding: 2px;">Energy</div>

# TOPICS ADDRESSED BY THE CALL(III)

Macro-challenge	Challenge description	
5 AI for Optimisation of Logistics paths	5A Improving the transport operations, by planning new routes in long-haul international routes, according to ordinary and unplannable delays. I.e. to develop a method able to re-plan a route (when delayed) and minimise the impact of the delay.	 
6 AI for Smart Mobility and pollution reduction within cities	6A Road network maintenance (roads, pavements and signs): extraction of precise information and large amounts of data from different sources and obtain reliable pavement degradation models to allow accurate estimations of the maintenance actions.	
	6B Since most people in the world will live in cities by 2050, there is a growing need of improving the public transport and taxi drivers at urban level, especially during the "peak times" (as bad weather, football matches, concerts,...) where usually the demand rises while the offer remains the same. To develop an integrated method of machine learning algorithms that allows to map and know where the demand is located (customers that use most the public and private transport services), in order to provide a better service and avoid the use of private vehicles.	
	6C Pollution forecasting, monitoring and modelling: innovative sensing systems for measuring pollution levels and/or for making projections to support Cities response to the alarming and growing levels of urban air-pollution worldwide.	
7 Improving company's services and products under a Web3 perspective	7A Improving current company-services, through the development of products and services under a Web3 perspective. Goal: improving companies interested in developing products and services under a new Web3 Perspective.	    

# ELIGIBILITY CRITERIA

## Beneficiaries

**Consortia 2 SMEs:** 1 from ICT (AI or BC) & 1 SME from manufacturing, mobility, logistics or energy sectors, officially **founded before 31.12.2021** and registered in an EU Member State or country participating in the SMP.

## Duration

Each project must be developed from 6 to 9-months after full signature of the contract and must be completed by the **15<sup>th</sup> of September of 2024** (including the final reporting).

## Eligible costs

- ✓ Staff costs for the development and testing /demonstration of the solution and for training the industry partner to use it;
- ✓ Technical consultancy if necessary.
- ✓ Equipment or consumables needed for developing/testing the solution.
- ✓ Travel and accommodation costs between beneficiaries
- ✓ Travel and accommodation costs for the participation to the final event that will be organised by AIBC EUROCLUSTER consortium
- ✓ Any other costs that is necessary for achieving the project objectives.

# EVALUATION

## Selection

At least **8 consortia (thus, at least 16 companies)** will receive financial support.

## Evaluation criteria

### Section 1: EXCELLENCE (max 30 points)

- Ambition: motivation behind the application;
- Innovation: alignment with the objectives and goals of the SMEs involved;
- Coherence: coherence with the selected challenge and contribution derived from the development and/or exploitation of AI and BC applications.

### Section 2: IMPLEMENTATION (max 30 points)

- Appropriateness of the consortium & team;
- Coherence with the AIBC objectives and goals;
- Cost-effectiveness of the workplan.

### Section 3: IMPACT (max 40 points)

- Green impact of the project;
- Business impact;
- Relevance: contribution to increase the industrial and market relevance;
- Scalability.

**TOTAL SCORE achievable: 100 points (threshold: 70).**

# TIMELINE

Open Call	Date
<b>Publishing date</b>	Tuesday, June 6 <sup>th</sup> , 2023
<b>Deadline for submission</b>	5 <sup>th</sup> September 2023 at 17:00 CET
<b>Evaluation period</b>	~7 weeks from deadline
<b>Information to applicants</b>	Mid - October 2023
<b>Acknowledgement of the selection outcome and acceptance of funding agreement terms and conditions (successful applicants) via email to <a href="mailto:aibc@piemonteinnova.it">aibc@piemonteinnova.it</a></b>	Within 5 working days after receiving communication Beginning of November 2023
<b>Preparation and signature of agreement deadline</b>	Beginning of November 2023
<b>Project duration</b>	From 6 to 9 months from the signature of the agreement
<b>First payment</b>	20% of total amount. On the 2 <sup>nd</sup> month, after acceptance of first report (deliverable).
<b>Final reporting</b>	By 15/09/2024
<b>Final payment</b>	80% of the total amount. ~60 days after the acceptance of final reporting and after the participation to the final event.





# PREPARATION & SUBMISSION

## AIBC EUROCLUSTERS OPEN CALLS

<https://piemonteinnova.it/aibc-open-calls/?lang=en>

ONLINE APPLICATION FORM for each call on  
EU Survey platform

**Supporting documents:** application form guide,  
activities timeline and budget, DoH

All in English

Submit application before deadline

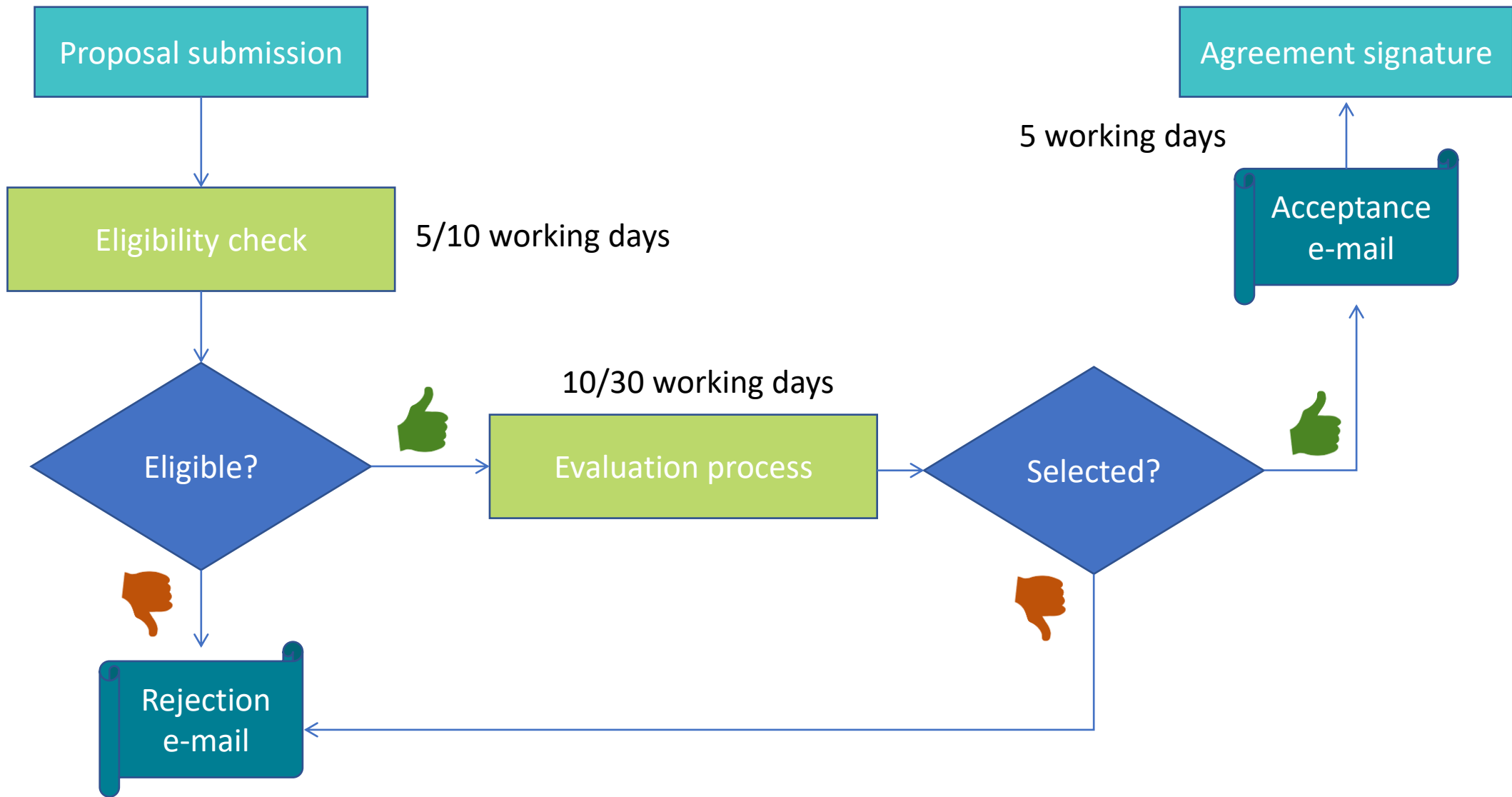
# EVALUATION & AGREEMENT

**Eligibility check**  
by the AIBC EUROCLUSTERS project consortium.

**Evaluation Panel**  
**2 or 3 representatives** of the  
AIBC EUROCLUSTERS project consortium.  
From **different countries** from the applicant SMEs.  
**Experts** activated in case of specific technical  
competences needs.

**Agreement signed within**  
**5 working days** after receiving  
communication on being **SELECTED** via  
email, with the agreement proposed by the  
**AIBC EUROCLUSTERS.**

# EVALUATION PROCESS



# REPORTING MONITORING PAYMENT

## Training and International events

When activity ends:  
Report +  
certificate / proof of attendance (100%)

## Services & Product Development and Projects

Within 2 months: First report (20%)  
When activity ends: Final report (80%)

# INFORMATION & MATCHMAKING PLATFORM



## INFO&MATCH

Contact and organise meetings with potential partners, service providers and training providers

Keep updated on potential international events linked to AI and Blockchain

Check the FAQ related to the Open Calls

<https://www.b2match.com/e/aibc-infomatch>

AIBCEUROCLUSTERS

# OPEN CALLS

(LUMP-SUM)

## Opening date:

6 June 2023

## Deadlines:

(1) 5 Sept. 2023

17:00 Brussels time

(2) 16 Jan. 2024

17:00 Brussels time

Contact:

[aibc@piemonteinnova.it](mailto:aibc@piemonteinnova.it)



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5K  
EUR

## TRAINING (1)

Trainings, courses, coaching, mentoring, etc. related to AI/BC/twin transition.  
WHEN: 2023 - 2024

15K  
EUR

## SERVICES & PRODUCT DEVELOPMENT (1)(2)

Tech transfer, IT specialist, use of infrastructures, PoCs, Feasibility studies, business model development.  
Duration: up to 6 months

2K  
EUR

## INTERNATIONAL EVENTS (1) (2)

For: EU SMEs and start-ups working on AI & BC technologies or with competences on these techs.

- Participation to events related to the project topics (2023 – 2024) (1)(2)
- Mission organised by the project to Austin, TX (USA) - summer 2024 (2)

65K  
EUR

## PROJECT PROPOSALS (1)

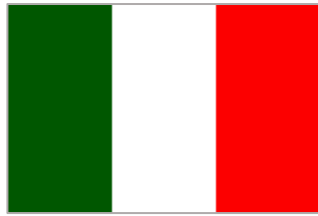
For: Consortia of at least 2 EU SMEs and start-ups 1 from AI / BC technologies, and 1 from the manufacturing, mobility, logistics or energy sectors.

- Develop new or improved digital (using AI & BC) and environmentally friendly products and services.
- Test / demonstrate AI & BC solutions for digital / green transformation and resiliency.

Duration: 6 to 9 months, starting in October 2023.



# AIBC PARTNERS



ITALY



[aibc@piemonteinnova.it](mailto:aibc@piemonteinnova.it)



[businessdevelopment@envipark.com](mailto:businessdevelopment@envipark.com)



GERMANY



baden  
württemberg:  
connected

[aibc@bwcon.de](mailto:aibc@bwcon.de)



BULGARIA



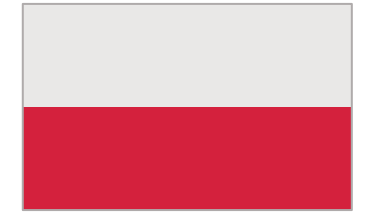
[office@ictcluster.bg](mailto:office@ictcluster.bg)



SPAIN



<https://mlcluster.com/contacto/>



POLAND



[bkp@klaster.bydgosz.cz.pl](mailto:bkp@klaster.bydgosz.cz.pl)



# EEN services in a nutshell

EIB	EUREKA	Sustainability	Digitalisation	Resilience	ECCP	EDIH	ERDF
EIE	Innovation	Business partnering	 enterprise europe network	Scale-up	Single Market	EIC	RRF
COST	EIP Group	Access to funding / finance	SME Feedback	Internationalisation	Industrial Ecosystems	EYE	EIT





Information about the call:  
[aibc@piemonteinnova.it](mailto:aibc@piemonteinnova.it)



Project: 101074645 – AIBC EUROCLUSTERS – SMP-COSME-2021-  
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