

# Horizon Europe: Africa collaboration in calls 2023 and 2024

*This document includes a list of Horizon Europe calls for years 2023-2024 that have planned cooperation with African countries. Calls are listed under each of the Clusters. For each call, there is information about the indicative total budget, expected EU contribution, number of projects expected to be funded, type of action, legal and financial set-up, and the technical readiness level (TRL). Also, it is mentioned if the call includes social sciences and humanities disciplines (SSH) or the New European Bauhaus (NEB) aspects in their scope.*

*Information in this document is based on the published Horizon Europe Work Programme 2023-2024 ([6. December 2022](#)), which has been accepted by the European Commission. **NOTE: The amendment to the Work Programme will be accepted during spring 2023, and there might be changes in the calls listed in this document. So, when prepar-***



SUOMEN AKATEMIA

## Table of contents

<b>1.</b>	<b>Cluster 1: Health .....</b>	<b>3</b>
<b>2.</b>	<b>Cluster 2: Culture, creativity and inclusive society .....</b>	<b>3</b>
2.1.	Destination 1: Innovative research democracy and governance .....	3
<b>3.</b>	<b>Cluster 3: Civil Security for Society .....</b>	<b>3</b>
<b>4.</b>	<b>Cluster 4: Digital, Industry and Space .....</b>	<b>4</b>
4.1.	Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry 4	
4.2.	Destination 6: A human-centred and ethical development of digital and industrial technologies .....	5
4.3.	Other actions not subject to calls for proposals: Indirectly managed actions delegated to EUSPA .....	5
<b>5.</b>	<b>Cluster 5: Climate, Energy and Mobility .....</b>	<b>6</b>
5.1.	Destination 1: Climate sciences and responses for the transformation towards climate neutrality .....	6
5.2.	Destination 2: Cross-sectoral solutions for the climate transition .....	7
5.3.	Destination 3: Sustainable, secure and competitive energy supply .....	8
5.4.	Destination 5: Clean and competitive solutions for all transport modes .....	8
<b>6.</b>	<b>Cluster 6: Food and natural resources .....</b>	<b>9</b>
6.1.	Destination 1: Biodiversity and Ecosystem Services .....	9
6.2.	Destination 2: Fair, healthy and environmentally friendly food systems from primary production to consumption .....	10
6.3.	Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal .....	11
<b>7.</b>	<b>European Innovation Ecosystems (EIE) .....</b>	<b>12</b>
7.1.	Destination: CONNECT – Interconnected Innovation Ecosystems .....	12
<b>8.</b>	<b>Research Infrastructures .....</b>	<b>12</b>
8.1.	Destination: Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership .....	12

## 1. Cluster 1: Health

No calls planned in cooperation with Africa.

## 2. Cluster 2: Culture, creativity and inclusive society

### 2.1. Destination 1: Innovative research democracy and governance

Call open 04 Oct 2023 – 07 Feb 2024

Calls	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL2-2024-DEMOCRACY-01-12: Testing and implementation of research results fostering democracy and governance</b>	4	3-4	1	CSA	Lump sum	

**Note:** Legal entities established in Algeria, Azerbaijan, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine and Syria may exceptionally participate in this Coordination and Support Action as a beneficiary (or affiliated entity).

## 3. Cluster 3: Civil Security for Society

No calls planned in cooperation with Africa.

## 4. Cluster 4: Digital, Industry and Space

Call	Number of calls	Budget 2023 (EUR million)	Budget 2024 (EUR million)	Call open
HORIZON-CL4-2023-RESILIENCE-01	1	20	-	8 Dec 2022 – 20 Apr 2023
HORIZON-CL4-2024-RESILIENCE-01	1	-	15	19 Sep 2023 – 07 Feb 2024
HORIZON-CL4-2023-HUMAN-01	2	4.5	-	8 Dec 2022 – 29 Mar 2023
HORIZON-EUSPA-2023-SPACE-01	1	6	-	(indicative) Oct 2023 – Feb 2024
<b>Total</b>	<b>5</b>	<b>30.5</b>	<b>15</b>	

### 4.1. Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL4-2023-RESILIENCE-01-06: Earth Observation platform, products and services for raw materials</b>	20	6.70	3	IA	Lump sum	TRL 6-7

**Note:** Participation in this topic is limited to legal entities established e.g. in African Union Member States, support implementation of EU international partnerships.

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL4-2024-RESILIENCE-01-11: Technologies for extraction and processing of critical raw materials</b>	15	7.50	2	IA	Lump sum	TRL 6-7

**Note:** participation in this topic is limited to legal entities established e.g. in African Union Member States

## 4.2. Destination 6: A human-centred and ethical development of digital and industrial technologies

Call	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL4-2023-HU-MAN-01-66: Promoting EU standards globally*</b>	2.5	2.5		CSA	Lump sum	
<b>HORIZON-CL4-2023-HU-MAN-01-92: R&amp;I cooperation with Sub-Saharan Africa**</b>	2	2	1	CSA		

**\*Note:** Legal entities established in all African Union member states<sup>1</sup> may exceptionally participate in this Coordination and support action as a beneficiary (or affiliated entity). Due to the scope of this topic, all African Union member states are exceptionally eligible for Union funding.

**\*\*Note:** The action should ensure that relevant stakeholders from both the EU and African countries are engaged during the process through regional and international workshops and a set of communication and dissemination actions.

## 4.3. Other actions not subject to calls for proposals: Indirectly managed actions delegated to EUSPA

Call – Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructures, Services, Applications and Data

Call	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-EUSPA-2023-SPACE-01-46: Designing space-based downstream applications with international partners</b>	6	0.80-1	7	RIA	Lump sum	3-4

**\*Note:** Countries that have signed an administrative cooperation arrangements on Copernicus data access and Earth observation data exchange are exceptionally eligible for Union funding. Currently, these countries are e.g. African Union member states.

## 5. Cluster 5: Climate, Energy and Mobility

Call	Number of calls	Budget 2023 (EUR million)	Budget 2024 (EUR million)	Call open
HORIZON-CL5-2023-D1-01	1	10	-	13 Dec 2022 – 18 Apr 2023
HORIZON-CL5-2023-D2-01	2	33	-	13 Dec 2022 – 18 Apr 2023
HORIZON-CL5-2023-D3-02	1	20	-	04 May 2023 – 05 Sep 2023
HORIZON-CL5-2023-D5-01	1	20	-	13 Dec 2022 – 20 Apr 2023
HORIZON-CL5-2024-D1-01	1	-	14	12 Sep 2023 – 05 Mar 2024
HORIZON-CL5-2024-D2-01	1	-	21	13 Dec 2023 – 18 Apr 2024
HORIZON-CL5-2024-D3-01	1	-	10	12 Sep 2023 – 16 Jan 2024
<b>Total</b>	<b>8</b>	<b>83</b>	<b>45</b>	

### 5.1. Destination 1: Climate sciences and responses for the transformation towards climate neutrality

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2023-D1-01-11: Needs-based adaptation to climate change in Africa</b>	10	5	2	RIA		SSH

**Note:** Consortia must include at least 3 entities established in at least 2 different Sub-Saharan African countries.

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2024-D1-01-05: Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement</b>	14	4.50	3	RIA		SSH

**Note:** International cooperation is encouraged, in particular with countries of the **African Union** and least developed countries requiring support for the design and implementation of their NDCs and long-term strategies, as well as with countries making part of the global top ten emitters.

## 5.2. Destination 2: Cross-sectoral solutions for the climate transition

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2023-D2-01-01: Technologies for sustainable, cost-efficient and low carbon footprint downstream processing &amp; production of battery-grade materials (Batt4EU Partnership)*</b>	21	7	3	RIA		TRL 5
<b>HORIZON-CL5-2023-D2-01-05: Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership)**</b>	12	6	2	IA		TRL 7

**\*Note:** International cooperation with Africa, the Mediterranean Region, and the United States is encouraged.

**\*\*Note:** International cooperation with USA, Australia, Africa or India is encouraged.

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2024-D2-01-02: Non-Li Batteries with European Supply Chains for Stationary Storage (Batt4EU partnership)</b>	21	7	3	IA	Lump sum	TRL 6-7

**Note:** In order to achieve the expected outcomes, international cooperation is encouraged for use cases, particularly with India, Africa and Australia.

### 5.3. Destination 3: Sustainable, secure and competitive energy supply

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2023-D3-02-16: Accelerating the green transition and energy access in Africa</b>	20	5	4	IA		TRL 7

**Note:** At least two entities established in at least one African Union member state must be part of the consortium. The demonstration installation will be located in Africa, relevant African partners have to participate in the implementation of the project. A balanced involvement in the activities of the projects of European and African partners will be considered an asset in the evaluation.

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2024-D3-01-09: Africa-EU CO-FUND action</b>	10	10	1	CO-FUND		

**Note:** At least 40% of the partners must be from Africa Union member states.

### 5.4. Destination 5: Clean and competitive solutions for all transport modes

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL5-2023-D5-01-03: Frugal zero-emission vehicles concepts for the urban passenger challenge (2ZERO Partnership)</b>	20	7-12	2	IA		TRL 7-8

**Note:** International cooperation with emerging economies e.g. from Asia and Africa is encouraged.



## 6. Cluster 6: Food and natural resources

Call	Number of calls	Budget 2023 (EUR million)	Budget 2024 (EUR million)	Call open
HORIZON-CL6-2023-BIODIV-01	1	4	-	22 Dec 2022 – 28 Mar 2023
HORIZON-CL6-2023-FARM2FORK-01	5	25	-	22 Dec 2022 – 12 Apr 2023
HORIZON-CL6-2024-FARM2FORK-01	2	-	27	17 Oct 2023 – 22 Feb 2024
HORIZON-CL6-2024-GOVERNANCE-01	1	-	4	17 Oct 2023 – 28 Feb 2024
<b>Total</b>	<b>9</b>	<b>29</b>	<b>31</b>	

### 6.1. Destination 1: Biodiversity and Ecosystem Services

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL6-2023-BIODIV-01-12: Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies</b>	4	4	1	CSA	Lump sum	SSH

**Note:** Providing assistance to African scientists, knowledge holders and local communities for reinforcing the input into the EU and global biodiversity knowledge centres, IPBES and IPCC on biodiversity.

## 6.2. Destination 2: Fair, healthy and environmentally friendly food systems from primary production to consumption

Call 2023	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL6-2023-FARM2FORK-01-17: EU-African union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP)*</b>	4	4	1	CSA	Lump sum	
<b>HORIZON-CL6-2023-FARM2FORK-01-18: Support for the implementation of a suitable platform for the EU-AU cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership**</b>	4	4	1	CSA	Lump sum	
<b>HORIZON-CL6-2023-FARM2FORK-01-19: Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership***</b>	7	7	1	IA		
<b>HORIZON-CL6-2023-FARM2FORK-01-20: EU-Africa Union – food safety****</b>	10	5	2	RIA		SSH

**\*Note:** Consortia must include at least 5 independent legal entities established in Africa. Legal entities established in all African Union member states\* may exceptionally participate in this Coordination and support action as a beneficiary (or affiliated entity).

**\*\*Note:** Consortia must include at least 5 independent legal entities established in Africa. Legal entities established in all African Union member states\* may exceptionally participate in this Coordination and support action as a beneficiary (or affiliated entity).

**\*\*\*Note:** Consortia must include at least 3 independent legal entities established in Africa and at least 2 from the same region as defined by the African Union. Legal entities established in all African Union member states are exceptionally eligible for Union funding.

**\*\*\*\*Note:** At least 3 partners from Africa and at least 2 from the same region as defined by the African Union. Legal entities established in all African Union member states\* are exceptionally eligible for Union funding.

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL6-2024-FARM2FORK-01-10: EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation*</b>	18	6	3	RIA		TRL 3-5 / SSH
<b>HORIZON-CL6-2024-FARM2FORK-01-11: EU-African Union – towards climate-neutral, social just fair- trade food systems**</b>	9	4.5	2	RIA		

**\*Note:** Consortia must include at least 3 independent legal entities **established in Africa** and at least 2 from the same region as defined by the African Union. Legal entities established in all African Union member states are exceptionally eligible for Union funding.

**\*\*Note:** At least 3 partners from Africa and at least 2 from the same region as defined by the African Union. Legal entities established in all African Union member states\* are exceptionally eligible for Union funding.

### 6.3. Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-CL6-2024-GOVERNANCE-01-04: Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration</b>	4	4	1	CSA	Lump sum	

**Note:** In order to achieve the expected outcomes of the action, the consortium must include at least three entities from the following countries: Argentina, Brazil, Canada, Cape Verde, Morocco, United States of America, South Africa.

## 7. European Innovation Ecosystems (EIE)

### 7.1. Destination: CONNECT – Interconnected Innovation Ecosystems

Call open 11 Jan 2024 – 25 Apr 2024

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-EIE-2024-CONNECT-01-02: The African Union – European Union Innovation Platform</b>	2.5	2.5	1	CSA		

**Note:** Consortia must have at least three (3) independent legal entities from different African Union member states

## 8. Research Infrastructures

### 8.1. Destination: Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership

Call open 06 Dec 2023 – 12 Mar 2024

Call 2024	Indicative total budget (million eur)	Expected EU contribution (million eur)	Number of projects expected to be funded	Type of action	Legal and financial set-up	Other (TRL, SSH, NEB)
<b>HORIZON-INFRA-2024-DEV-01-02: Strengthen the bilateral cooperation on research infrastructures with Africa</b>	1.5	1-1.5	1	CSA	Lump sum	

**Note:** in order to achieve the expected objectives of the action, the consortium must include, as beneficiaries or associated partners, at least two legal entities established in two different African Union member states.