



Cluster 6. Alimente, bioeconomie, resurse natural, agricultură și mediu

BIOECONOMIE ȘI MEDIU

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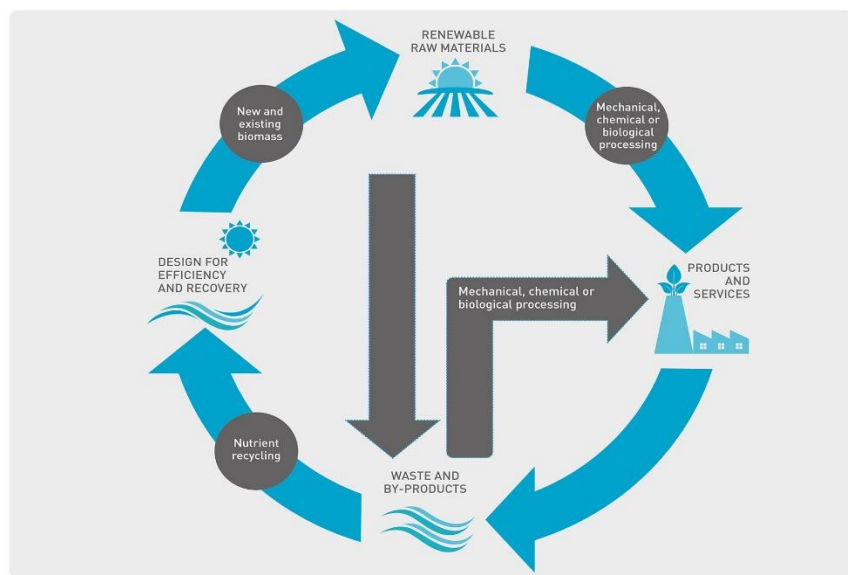
Domeniul: *Alimente, bioeconomie, resurse natural, agricultură și mediu*

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Subdomeniul Bioeconomie și mediu

BIOECONOMIA acoperă toate sectoarele și sistemele care se bazează pe resursele biologice (animale, plante, microorganisme și biomasă derivată, inclusiv deșeuri organice), funcțiile și principiile acestora.

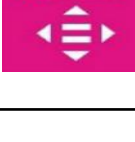


Include și interconectează:

- ecosistemele terestre și marine și serviciile pe care le oferă;
- toate sectoarele de producție primară care utilizează și produc resurse biologice (agricultură, silvicultură, pescuit și acvacultură);
- toate sectoarele economice și industriale care utilizează resurse și procese biologice pentru a produce alimente, furaje, produse pe bază de bio, energie și servicii.

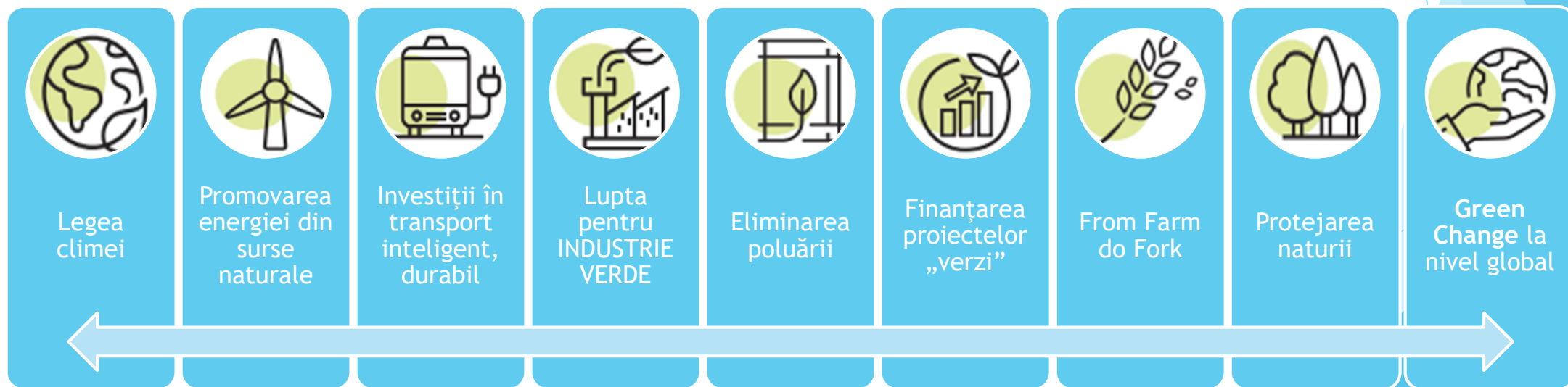
Pentru a avea succes, **bioeconomia europeană** trebuie să aibă în centrul ei sustenabilitatea și circularitatea.

Obiectivele strategiei UE pentru bioeconomie și principalele criterii de monitorizare a eficacității acesteia.

Obiectivele strategiei UE	Obiectivul de dezvoltare durabilă, conex
1. Asigurarea securității alimentare și nutriționale	    
2. Gestionarea durabilă a resurselor naturale	    
3. Reducerea dependenței de resurse ne-regenerabile, nesustenabile, indiferent dacă provin din țară sau din străinătate	         
4. Atenuarea și adaptarea la schimbările climatice	 
5. Consolidarea competitivității europene și crearea locurilor de muncă	     

Contribuția domeniului asupra „*European Green Deal*”

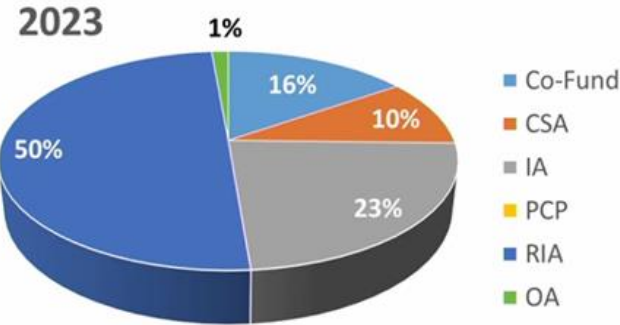
Subdomeniul Bioeconomie și mediu, ca catalizator al schimbării sistemice, abordează aspectele economice, sociale și de mediu ale *Green Deal*, căutând noi modalități de a produce și consuma resurse, respectând în același timp granițele noastre planetare și îndepărtându-se de o economie liniară bazată pe utilizarea pe scară largă a fosilelor și resurse minerale.



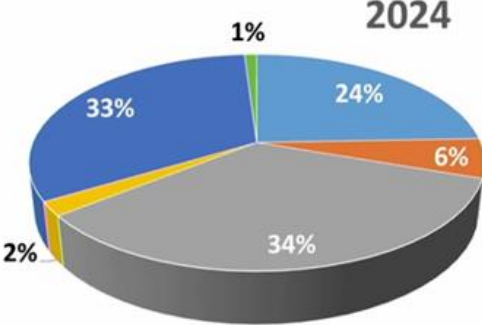
BIOECONOMIE ȘI MEDIU: finanțare...



Budget per Year and Type of Action



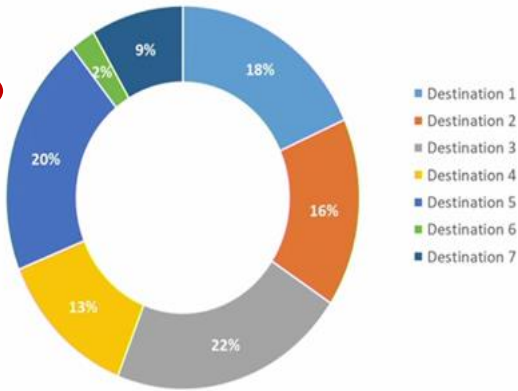
	2023	2024	Total
Co-Fund	€ 140,5	€ 220,5	€ 361,0
CSA	€ 90,5	€ 53,0	€ 143,5
IA	€ 212,0	€ 308,0	€ 520,0
PCP		€ 19,0	€ 19,0
RIA	€ 454,0	€ 294,0	€ 748,0
OA	€ 12,7	€ 9,4	€ 22,1
Total	€ 909,7	€ 903,9	€ 1.813,6



Budgetary balance between the two years
RIAs have the lion share in 2023
IAs are the relative majority in 2024

Climate expenditures in 2023

DESTINATIONS	EUR (mln)
D1 - Biodiversity and Ecosystem Services	€ 81
D2 - Fair, healthy and environmentally friendly food systems from primary production to consumption	€ 70
D3 - Circular economy and bioeconomy sectors	€ 88
D4 - Clean environment and zero pollution	€ 57
D5 - Land, oceans and water for climate action	€ 90
D6 - Resilient, inclusive, healthy and green rural, coastal and urban communities	€ 10
D7 - Innovative governance, environmental observations and digital solutions in support of the Green Deal	€ 37
Total	€ 443



Program de lucru 2023-2024: Apeluri proiecte



Call - Circular economy and bioeconomy sectors

HORIZON-CL6-2023-CIRCBIO-01

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023				
HORIZON-CL6-2023-CircBio-01-1	CSA	2.50	Around 2.50	1
HORIZON-CL6-2023-CircBio-01-10	CSA	2.00	Around 2.00	1
HORIZON-CL6-2023-CircBio-01-7	CSA	3.00	Around 1.50	2
HORIZON-CL6-2023-CircBio-01-3	CSA	2.00	Around 2.00	1
HORIZON-CL6-2023-CircBio-01-6	CSA	3.00	Around 1.50	2
HORIZON-CL6-2023-CircBio-01-11	RIA	8.00	Around 4.00	2
HORIZON-CL6-2023-CircBio-01-12	RIA	12.00	Around 6.00	2
HORIZON-CL6-2023-CircBio-01-13	RIA	12.00	Around 6.00	2
HORIZON-CL6-2023-CircBio-01-14	RIA	4.00	Around 4.00	1
HORIZON-CL6-2023-CircBio-01-9	RIA	8.00	Around 4.00	2
HORIZON-CL6-2023-CircBio-01-4	RIA	4.00	Around 4.00	1
HORIZON-CL6-2023-CircBio-01-2	IA	18.00	Around 6.00	3
HORIZON-CL6-2023-CircBio-01-8	IA	10.00	Around 5.00	2
HORIZON-CL6-2023-CircBio-01-5	IA	10.00	Around 5.00	2
Overall indicative budget		98.50		

Program de lucru 2023-2024: Apeluri proiecte



Call - Circular economy and bioeconomy sectors

HORIZON-CL6-2023-CIRCBIO-02

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023 (First Stage), 26 Sep 2023 (Second Stage)				
HORIZON-CL6-2023-CircBio-02-1-two-stage	IA	58.00	9.00 to 10.00	6
HORIZON-CL6-2023-CircBio-02-2-two-stage	IA	14.00	Around 7.00	2
HORIZON-CL6-2023-CircBio-02-3-two-stage	RIA	8.00	Around 4.00	2
Overall indicative budget		80.00		

Program de lucru 2023-2024: Apeluri proiecte



Call - Circular economy and bioeconomy sectors

HORIZON-CL6-2024-CIRCBIO-01

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-CircBio-01-1	CSA	6.00	Around 2.00	3
HORIZON-CL6-2024-CircBio-01-10	RIA	9.00	Around 4.50	2
HORIZON-CL6-2024-CircBio-01-2	IA	14.00	Around 7.00	2
HORIZON-CL6-2024-CircBio-01-3	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-01-4	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-01-5	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-CircBio-01-6	RIA	6.002	Around 3.00	2
HORIZON-CL6-2024-CircBio-01-7	IA	6.00	Around 6.00	1
HORIZON-CL6-2024-CircBio-01-8	CSA	3.00	Around 3.00	1
HORIZON-CL6-2024-CircBio-01-9	CSA	2.50	Around 0.80	3
Overall indicative budget		74.50		

Program de lucru 2023-2024: Apeluri proiecte



Call - Circular economy and bioeconomy sectors

HORIZON-CL6-2024-CIRCBIO-02

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-CircBio-02-1-two-stage	RIA	15.00	Around 5.00	3
HORIZON-CL6-2024-CircBio-02-2-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-02-3-two-stage	IA	10.00	Around 5.00	2
HORIZON-CL6-2024-CircBio-02-4-two-stage	IA	15.00	Around 5.00	3
HORIZON-CL6-2024-CircBio-02-5-two-stage	RIA	8.00	Around 4.00	2
HORIZON-CL6-2024-CircBio-02-6-two-stage	IA	15.00	Around 5.00	3
Overall indicative budget		73.00		

Program de lucru 2023-2024: Apeluri proiecte



Call - Clean environment and zero pollution

HORIZON-CL6-2023-ZEROPOLLUTION-01

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023				
HORIZON-CL6-2023-ZEROPOLLUTION-01-1	RIA	6.00	Around 6.00	1
HORIZON-CL6-2023-ZEROPOLLUTION-01-2	RIA	12.50	Around 6.25	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-3	RIA	12.00	Around 6.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-4	RIA	8.00	Around 4.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-5	IA	10.00	Around 5.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-6	RIA	8.00	Around 4.00	2
HORIZON-CL6-2023-ZEROPOLLUTION-01-7	RIA	8.00	Around 4.00	2
Overall indicative budget		64.50		

Program de lucru 2023-2024: Apeluri proiecte



Call - Clean environment and zero pollution

HORIZON-CL6-2023-ZEROPOLLUTION-02

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2023		
Opening: 22 Dec 2022 Deadline(s): 28 Mar 2023 (First Stage), 26 Sep 2023 (Second Stage)				
HORIZON-CL6-2023-ZEROPOLLUTION-02-1-two-stage	RIA	7.00	Around 7.00	1
HORIZON-CL6-2023-ZEROPOLLUTION-02-2-two-stag	RIA	8.00	Around 4.00	2
Overall indicative budget		15.00		

Program de lucru 2023-2024: Apeluri proiecte



Call - Clean environment and zero pollution

HORIZON-CL6-2024-ZEROPOLLUTION-01

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 22 Feb 2024				
HORIZON-CL6-2024-ZEROPOLLUTION-01-1	IA	27.00	Around 9.00	3
HORIZON-CL6-2024-ZEROPOLLUTION-01-2	CSA	4.00	Around 2.00	2
HORIZON-CL6-2024-ZEROPOLLUTION-01-3	RIA	7.00	Around 7.00	1
Overall indicative budget		38.00		

Program de lucru 2023-2024: Apeluri proiecte



Call - Clean environment and zero pollution

HORIZON-CL6-2024-ZEROPOLLUTION-02

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million)	Indicative number of projects expected to be funded
		2024		
Opening: 17 Oct 2023 Deadline(s): 21 Feb 2024 (First Stage), 17 Sep 2024 (Second Stage)				
HORIZON-CL6-2024-ZEROPOLLUTION-02-1-two-stage	IA	15.00	Around 5.00	3
HORIZON-CL6-2024-ZEROPOLLUTION-02-2-two-st	RIA	8.00	Around 4.00	2
Overall indicative budget		23.00		

Link-uri utile

1. https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2023-2024/wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2023-2024_en.pdf
2. https://rea.ec.europa.eu/funding-and-grants/horizon-europe-cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment_en
3. https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/lsdecision_he_en.pdf
4. <https://ec.europa.eu/info/research-and-innovation/research-area/environment/circular-economy/circularcities-and-regions-initiate>
5. https://research-andinnovation.ec.europa.eu/research-area/industry/key-enabling-technologies/advanced-materials-and-chemicals_en
6. https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/open-science/european-open-science-cloud-eosc_en
7. <http://www.weforum.org/agenda/2019/10/biofoundries-the-new-factories-for-genetic-products/>
8. https://ec.europa.eu/info/research-and-innovation/research-area/industrial-research-and-innovation/key-enabling-technologies/advanced-materials-and-chemicals_en

Vă mulțumesc pentru atenție!!!