



Bundesministerium
für Forschung, Technologie
und Raumfahrt



NKS Bioökonomie
und Umwelt
Nationale Kontaktstelle zum
EU-Programm Horizont Europa

Circular Bio-based Europe (CBE JU)

online, 16.04.2026

Dr. Christiane Kummer

horizont-europa.de



Circular Bio-based Europe Joint Undertaking

€2 billion
public-private initiative
advancing a competitive
bioeconomy for a
sustainable future

Launched in
2021,
operates until
2031

Part of Horizon
Europe
programme

Supporting
European
bioeconomy

Building on
the success of
its predecessor
BBI JU



European Union
Represented by the
European Commission



Bio-based Industries
Consortium



Circular Bio-based Europe (CBE JU)

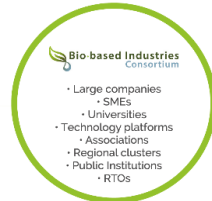
2 Mrd. € von 2021-2031



EC: 1 Mrd. € aus Horizont Europa Cluster 6



BIC: 250 Mio. € über in-kind Leistungen in Projekten (in-kind contributions to operational costs, IKOP)



BIC: 750 Mio. € über weitere Aktivitäten (in-kind additional activities, IKAA (z.B. Investitionen in Infrastruktur, Einrichtungen, langlebige Ausrüstungen...))



Ziele der CBE JU

Förderung wettbewerbsfähiger biobasierter Kreislaufindustrien in Europa:

- Beschleunigung des Innovationsprozesses und der Entwicklung von innovativen biobasierten Lösungen
- Beschleunigung der Markteinführung von innovativen biobasierten Lösungen in Europa
- Gewährleistung eines hohen Maßes an Umweltverträglichkeit biobasierter industrieller Systeme
- Zusammenbringen verschiedener Akteure der biobasierten Industrie (inkl. Primärproduzent, Forschende)



Bio-based Industries Consortium

biconsortium.eu



The Bio-based Industries Consortium (BIC) is a non-profit organisation connecting industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications, and create circular bioeconomy ecosystems through investments, innovation and know-how.

300+

Industry Members



250+

Associate Members



BIC Vollmitglieder in Deutschland



CLARIANT



Nordzucker

adidas



We create chemistry



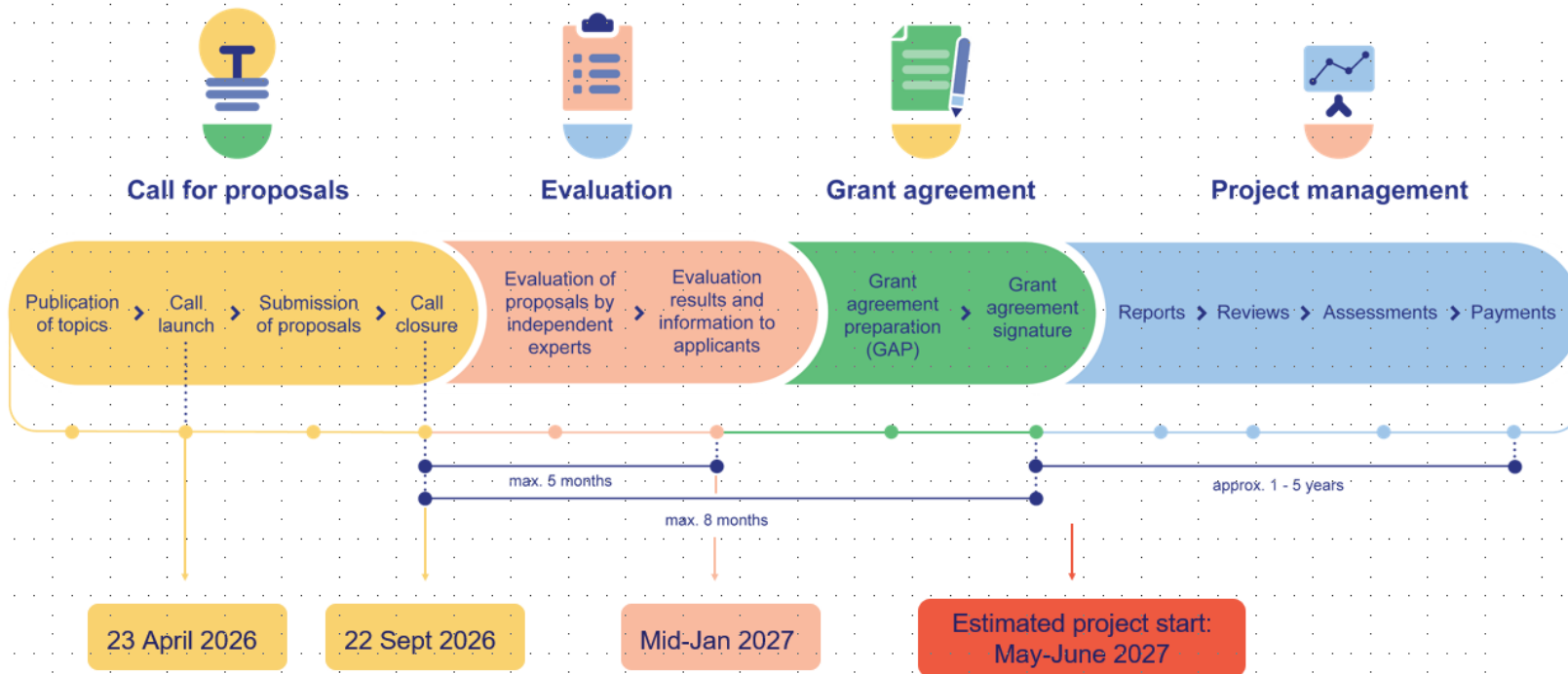


CBE JU Aufrufe 2026:

Zeitschiene und Topics



Zeitschiene





CBE JU Aufruf 2026: Topics und Budget

Type of action	Topics HORIZON-JU-CBE-2026	Million EUR
IA- Flagship	IAFlag-01 Boosting biorefinery competitiveness through biotech	20
	IAFlag-02 <u>SSbD</u> bio-based alternatives for fertilising and/or crop protection products	20
	IAFlag-03 <u>SSbD</u> bio-based solutions for home and/or personal care	20
	IAFlag-04 Diversification of nutritional food ingredient sources for increased EU resilience and strategic autonomy	20
IA	IA-01 Biotech routes for valorisation of residual biomass	14
	IA-02 Bio-based additives as alternatives to unlock and increase recyclability and/or biodegradability	14
	IA-03 Bio-based chemicals and/or materials from woody residues	14
	IA-04 High-performance, circular-by-design, bio-based thermosets	14
	IA-05 Films and coatings for circular packaging	14
RIA	R-01 Addressing separation and purification challenges in biorefineries	6.5
	R-02 <u>SSbD</u> bio-based polymers from alternative sources	6.5
	R-03 Develop breakthrough and sustainable bio-based (man-made and/or modified natural) textile fibres	6.5
CSA	S-01 Supporting industry in the switch to sustainable and circular bio-based products and processes	1.2
Total		170.7



Informationen



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<https://www.cbe.europa.eu/open-calls-proposals>
(Incl. FAQ for applicants, link to networking platform,...)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>



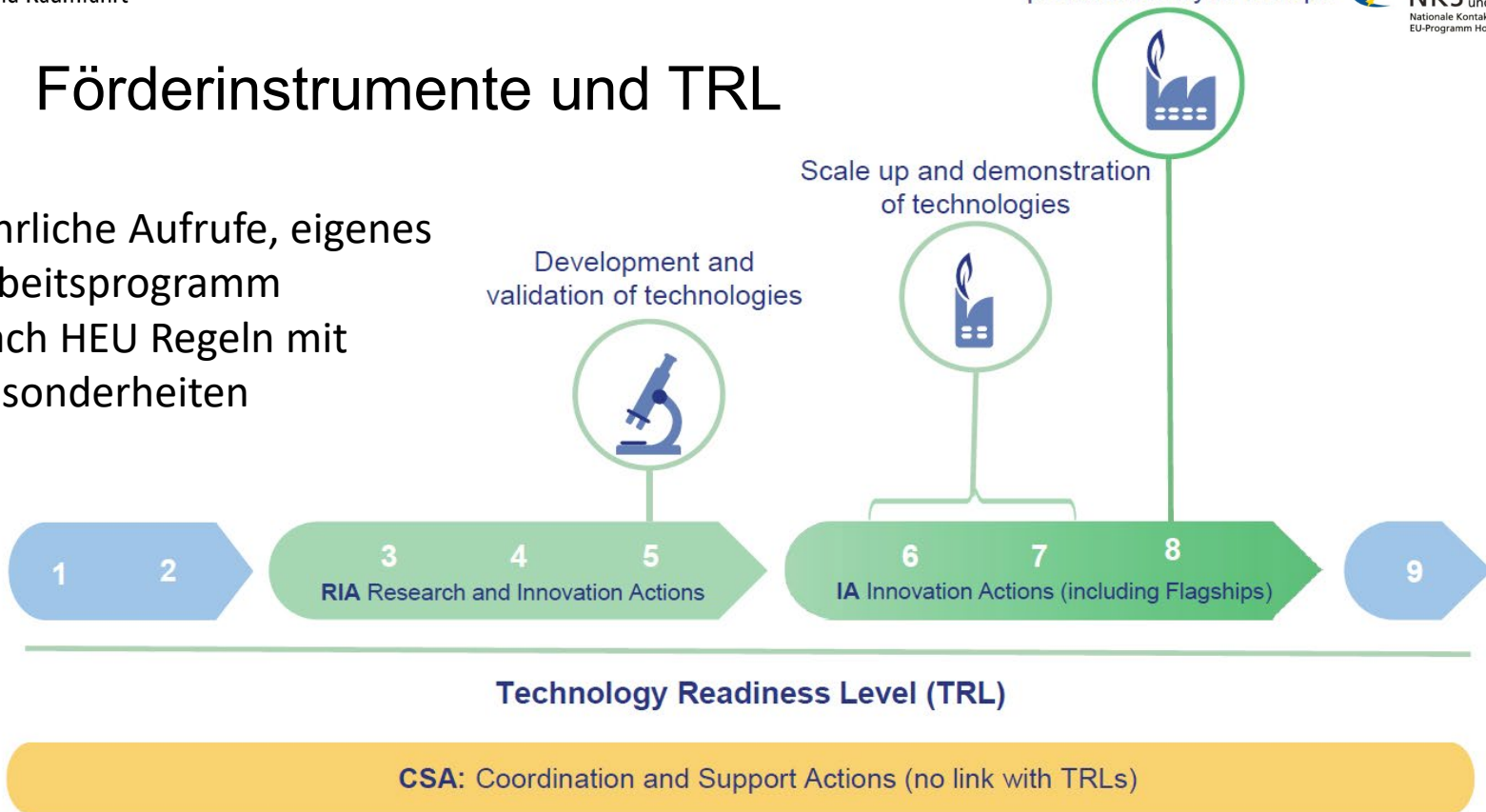
CBE JU:

Besondere Anforderungen und Unterschiede zu Horizont Europa



Förderinstrumente und TRL

- Jährliche Aufrufe, eigenes Arbeitsprogramm
- Nach HEU Regeln mit Besonderheiten





Horizont Europa / CBE JU Anforderungen

Horizont Europa (HE) Regeln

- Eligibility
- Admissibility
- General annexes

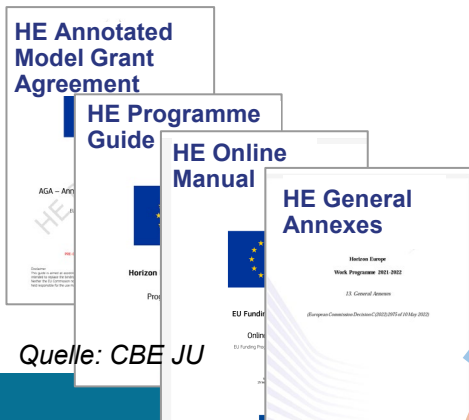
HE Evaluierungskriterien

- Excellence
- Impact
- Implementation

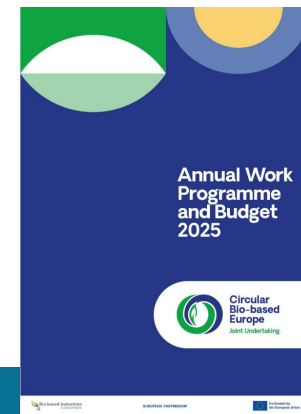
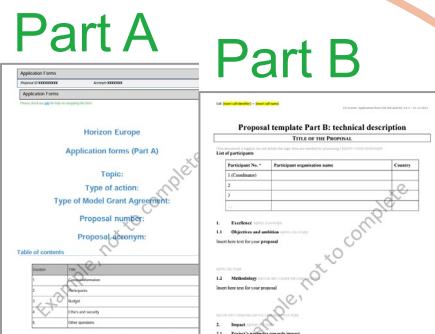


CBE Annual Work Programme 2026

- Topics
- **Besondere Anforderungen**
- Budget



Antragsstruktur





Feedstock – zirkulär und biobasiert

Bio-based feedstock category	Examples of bio-based feedstock
Agri-food feedstock	<ul style="list-style-type: none"> Side streams and residual streams (or residues) from agriculture and horticulture. Food and feed waste: bio-waste¹⁰⁶ and side streams from the food and feed production/processing. Non-edible biomass fractions of food crops. Perennial grasses, fibre crops or other industrial crops. Residues of lignocellulosic fraction of industrial crops. Surplus streams from agricultural biomass processing such as carbohydrates or oils, respecting the “food first” and “cascading use” principles.
Forest-based feedstock	<ul style="list-style-type: none"> Damaged and/or contaminated wood. Residues from lignocellulosic biomass and wood from woodlands and the forest-based industry. Certified lignocellulosic biomass or certified woody biomass harvested from sustainably managed forests.
Aquatic biomass	<ul style="list-style-type: none"> Aquatic biomass and residual streams (or residues) from aquatic biomass cultivation, processing, and from fisheries. Industrial biomass grown in open ponds and/or closed systems.

Bio-based feedstock category	Examples of bio-based feedstock
Industrial and municipal bio-based residues and waste (other than food waste)	<ul style="list-style-type: none"> Bio-waste (other than food waste from production; including post-consumer waste). Sewage and wastewater sludge. Used cooking oil. Residues and by-products from the bio-based industry. Recycled bio-based products. Other residues and waste that can be used in bio-based processes.
Biogenic gaseous carbon	<ul style="list-style-type: none"> Carbon in gaseous emissions from biomass-based industrial ecosystems and biorefineries or any other bio-based operation.
Other / new feedstock	<ul style="list-style-type: none"> Microbial biomass (including microorganisms). Insects and fungi. Residues from nature and landscape management (bio-waste other than food and post-consumer waste). Products derived from multifunctional forestry practices (other than wood).

Only bio-based feedstock (incl. biogenic CO₂). **No** fossil-based feedstock (incl. atmospheric CO₂)

* **Under the condition of respecting the „food first“ and „cascading use“ principles, agricultural biomass can be used as feedstock**

- **No** biofuel, bioenergy as main focus
- **No** food / feed, **but** food / feed ingredients (e.g. alternative protein sources, bioactives...)
- **No** pharma / medical, **but** nutraceuticals

Aus der CBE JU SRIA



HE und CBE JU: Was ist gleich, was ist **unterschiedlich**?

Förderquote

- RIA: 100%
- IA: **60%** (100% non-profit)
- CSA: 100%

Bewertung/Schwellenwerte

- Excellence: 3/5
- Impact: **4/5**
- Implementation: 3/5
- Total: **11/15**
- Impact IA / IA-FLAG: 1,5-fache Gewichtung

Seitenzahlbegrenzung

- RIA: **50 Seiten**
- IA: **70 Seiten**
- CSA: 30 Seiten

Bewertungskriterien

- RIA, IA, CSA: Excellence, Impact, Implementation
- Zusätzlich Impact:
Gewährleistung von 5% (RIA), 15% (IA) bzw. 20% (IA-Flag) in-kind contribution to operational activities (IKOP) = Mindestanteil IKOP am Gesamtbudget



Links

CBE JU networking platform <https://www.cbe.europa.eu/networking-platform>

CBE JU work program 2026
https://www.cbe.europa.eu/system/files?file=2025-12/CBE-JU-AWP-2026_0.pdf

CBE JU Info Day 2026 recording
<https://www.cbe.europa.eu/events/cbe-ju-info-day-2026>

Templates / Application forms <https://www.cbe.europa.eu/documents>



Erstberatung

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Fragen zur CBE JU und
Unterstützung bei der
Antragstellung

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Kontaktieren

Sie uns