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Ufuk Avrupa Küme 5 - 2025 Çalışma Programı 2026 Yılı Kapanışlı Çağrılar

Hedef 2: İklim Geçişine Yönelik Sektörler Arası Çözümler (Bataryalar)

Destination 2: Cross-sectoral solutions for the climate transition (Batteries)

Bu hedef altındaki çağrılar **16 Eylül 2025** tarihinde açılacak ve **20 Ocak 2026** tarihinde kapanacaktır.

Çağrı Kodu	Çağrı Adı	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-01-D2-01	<i>Development of sustainable and design-to-cost batteries with (energy-)efficient manufacturing processes and based on advanced and safer materials (Batt4EU Partnership)</i>	24.00	~ 8.00
HORIZON-CL5-2026-01-D2-04	<i>Integrating advanced materials, cell design and manufacturing development for high-performance batteries aimed at mobility (Batt4EU Partnership)</i>	30.00	~ 10.00
HORIZON-CL5-2026-01-D2-05	<i>Accelerated multi-physical and virtual testing for battery aging, reliability, and safety evaluation (Batt4EU Partnership)</i>	15.00	~ 7.50

Hedef 3: Sürdürülebilir, Güvenli ve Rekabetçi Enerji Arzı

Destination 3: Sustainable, secure and competitive energy supply

Bu hedef altındaki çağrılar **16 Eylül 2025** tarihinde açılacak ve **17 Şubat 2026** tarihinde kapanacaktır.

Çağrı Kodu	Çağrı Adı	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-02-D3-01	<i>Large-scale production of liquid advanced biofuels and renewable fuels of non-biological origin</i>	33.00	~ 11.00



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HORIZON-CL5-2026-02-D3-02	<i>Competitiveness, energy security and integration aspects of advanced biofuels and renewable fuels of non-biological origin value chains</i>	8.00	~ 4.00
HORIZON-CL5-2026-02-D3-05	<i>Demonstration of thermal energy storage solutions for solar thermal plants and systems</i>	15.00	~ 7.50
HORIZON-CL5-2026-02-D3-07	<i>Improved reliability and optimised operations and maintenance for wind energy systems</i>	15.00	~ 5.00
HORIZON-CL5-2026-02-D3-08	<i>Understand and minimise the environmental impacts of offshore wind energy</i>	15.00	~ 5.00
HORIZON-CL5-2026-02-D3-10	<i>Towards commercialisation of Perovskite PV and development of dedicated manufacturing equipment (EUPI-PV Partnership)</i>	24.00	~ 8.00
HORIZON-CL5-2026-02-D3-12	<i>Extending the lifetime of crystalline silicon PV modules (EUPI-PV Partnership)</i>	8.00	~ 4.00
HORIZON-CL5-2026-02-D3-13	<i>De-risking wave energy technology development through transnational pre-commercial procurement of wave energy research and development</i>	20.00	~ 20.00
HORIZON-CL5-2026-02-D3-14	<i>Development of innovative solutions strengthening the security of renewable energy value chains</i>	6.00	~ 2.00
HORIZON-CL5-2026-02-D3-18	<i>Next generation distribution substation for increasing the system resilience</i>	18.00	~ 9.00
HORIZON-CL5-2026-02-D3-19	<i>Innovative solutions for a generative AI-powered digital spine of the EU energy system</i>	16.00	~ 8.00
HORIZON-CL5-2026-02-D3-20	<i>Innovative tools and services to manage and empower energy communities</i>	20.00	~ 10.00



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HORIZON-CL5-2026-02-D3-22	<i>Underground Thermal Energy Storage in dense urban areas</i>	18.00	~ 9.00
HORIZON-CL5-2026-02-D3-24	<i>New CO2 capture technologies</i>	18.00	~ 6.00

Hedef 4: Verimli, Sürdürülebilir ve Kapsayıcı Enerji Kullanımı

Destination 4: Efficient, sustainable and inclusive energy use

Bu hedef altındaki çağrılar **16 Eylül 2025** tarihinde açılacak ve **17 Şubat 2026** tarihinde kapanacaktır.

Çağrı Kodu	Çağrı Adı	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-02-D4-01	<i>On-site innovative robotic and automated solutions and techniques for more sustainable and less disruptive building renovation and construction</i>	15.00	~ 5.00
HORIZON-CL5-2026-02-D4-02	<i>Smarter buildings as part of the energy system for increased efficiency and flexibility</i>	12.00	~ 4.00
HORIZON-CL5-2026-02-D4-03	<i>Innovative pathways for low carbon and climate resilient building stock and built environment (Built4People Partnership)</i>	15.00	~ 5.00
HORIZON-CL5-2026-02-D4-04	<i>Innovative approaches for the deployment of Positive Energy Districts</i>	15.00	~ 5.00
HORIZON-CL5-2026-02-D4-05	<i>Optimal combination of low embodied carbon construction products, technical building systems and circularity principles for climate neutral buildings (Built4People Partnership)</i>	12.00	~ 4.00
HORIZON-CL5-2026-02-D4-06	<i>Phase out fossil fuel in energy intensive industries through the efficient integration of renewable energy sources</i>	15.00	~ 7.50



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Ufuk Avrupa Küme 5 - 2026-2027 Yılı Taslak Çalışma Programı Çağrıları

Hedef 2: İklim Geçişine Yönelik Sektörler Arası Çözümler (Bataryalar)

Destination 2: Cross-sectoral solutions for the climate transition (Batteries)

Çağrı Kodu	Çağrı Adı	Açılış-Kapanış Tarihi	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-03-D2-01	<i>Producing battery-grade materials for electrodes through sustainable processing and refining of raw materials or developing bio-based materials (BATT4EU Partnership)</i>	19.12.2025 - 31.03.2026	30.00	~ 7.50
HORIZON-CL5-2026-03-D2-02	<i>Development of direct recycling processes (BATT4EU Partnership)</i>	19.12.2025 - 31.03.2026	15.00	~ 5.00
HORIZON-CL5-2026-05-D2-03	<i>Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility (BATT4EU and Made in Europe Partnerships)</i>	18.12.2025 - 14.04.2026	105.00	~ 35.00

Hedef 3: Sürdürülebilir, Güvenli ve Rekabetçi Enerji Arzı

Destination 3: Sustainable, secure and competitive energy supply

Çağrı Kodu	Çağrı Adı	Açılış-Kapanış Tarihi	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-03-D3-01	<i>Targeting key value chain components for increasing the competitiveness of renewable energy technologies in Europe</i>	19.12.2025 - 31.03.2026	10.00	~ 3.30
HORIZON-CL5-2026-04-Two-Stage-D3-02	<i>Next generation of renewable energy technologies</i>	19.12.2025 - 31.03.2026 / 20.10.2026	25.00	~ 3.00



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HORIZON-CL5-2026-03-D3-23	<i>AI driven forecasting algorithms for Grid and Consumer friendly Energy Sharing</i>	19.12.2025 - 31.03.2026	14.00	
HORIZON-CL5-2026-03-D3-30	<i>Pre-commercial appraisal for CO2 aquifer storage</i>	19.12.2025 - 31.03.2026	25.00	~ 5.00

Hedef 4: Verimli, Sürdürülebilir ve Kapsayıcı Enerji Kullanımı

Destination 4: Efficient, sustainable and inclusive energy use

Çağrı Kodu	Çağrı Adı	Açılış-Kapanış Tarihi	Toplam Bütçe (Milyon €)	Proje Başına Beklenen AB Katkısı (Milyon €)
HORIZON-CL5-2026-09-D4-01	<i>Researching the technical, social & economic factors impacting the energy performance of Smart Buildings (Built4People Partnership)</i>	05.05.2026 - 10.09.2026	20.00	~ 5.00
HORIZON-CL5-2026-09-D4-02	<i>Low disturbance prefabrication approaches for deep renovation of multi-storey buildings</i>	05.05.2026 - 10.09.2026	26.00	~ 6.50
HORIZON-CL5-2026-09-D4-03	<i>Advanced data platforms to integrate whole life carbon in building information tools, assessments, and certification (Built4People Partnership)</i>	05.05.2026 - 10.09.2026	16.50	~ 5.50
HORIZON-CL5-2026-09-D4-04	<i>Validating policies and business models for affordable and sustainable housing (Built4People Partnership)</i>	05.05.2026 - 10.09.2026	15.00	~ 5.00
HORIZON-CL5-2026-09-D4-08	<i>Full-scale demonstration of heat upgrade solutions in industrial processes</i>	05.05.2026 - 10.09.2026	19.00	~ 9.50