

## Horizonte Europa – II. zutabea

"Munduko erronkak eta Europako Industria Lehiakortasuna": 2022an onartutako eta euskal erakunde batek koordinatutako proiektuak

*Euskadi, auzolana, bien común*

EUSKO JAURLARITZA



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## Klima, Energia eta Mugikortasuna kluster-proiektuak(i)

## H. Europa: II. zutabea – Munduko erronkak

Zkia.	Akronimo	Titulua	Erakundea	Finantziaioa EB* (euroak)
1	SEAMLESS-PV	Development of advanced manufacturing equipment and processes aimed at the seamless integration of multifunctional PV solutions, enabling the deployment of IPV sectors	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	2.454.903
2	RHINOCEROS	Batteries reuse and direct production of high performances cathodic and anodic materials and other raw materials from batteries recycling using low cost and environmentally friendly technologies	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	1.798.273
3	LiCORNE	Lithium recovery and battery-grade materials production from European resources	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	1.735.302
4	HELENA	Halide solid state batteries for ELeetric vEHicles aNd Aircrafts	ENERGIA ALTERNATIBOEN IKERKETA KOOPERATIBOKO ZENTROA, CIC ENERGIGUNE FUNDAZIOA	1.202.813
5	INFINITE	Aerospace Composites digitally sensorised from manufacturing to end-of-life	IDEKO S KOOP	1.107.875
6	CARBIOW	Carbon Negative Biofuels from Organic Waste	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	1.052.175
7	AWARE2ALL	Safety systems and human-machine interfaces oriented to diverse population towards future scenarios with increasing share of highly automated vehicles	IKUSIZKO ELKARRERAGINEKO ETA KOMUNIKAZIOETAKO TEKNOLOGIEN ZENTROA VICOMTECH	943.125
8	AEGIR	DigitAl and physical incrEmental renovation packaGes/systems enhancing environmental and energetic behaviour and use of Resources	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	935.625
9	PUSH2HEAT	Pushing forward the market potential and business models of waste heat valorisation by full-scale demonstration of next-gen heat upgrade technologies in various industrial contexts.	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	917.938

(\* ) Proiektua koordinatzen duen erakundeari esleitutako EBren finantzaketa, hirugarrenei egindako azpikontratazioak barne har ditzakeena

**H. Europa: II. zutabea – Munduko erronkak**
**Klima, Energia eta Mugikortasuna kluster-proiektuak (ii)**

Zkia.	Akronimo	Titulua	Erakundea	Finantziakzioa EB (euroak)
10	FEDECOM	FEDERated -system of systems- approach for flexible and interoperable energy COMMunities	GIROA S.A.	795.813
11	BeFlex	Boosting Engagement to increase FLEXibility	I-DE REDES ELECTRICAS INTELIGENTES S.A.	763.438
12	NATURSEA-PV	Novel eco-cementitious materials and components for durable, competitive, and bio-inspired offshore floating pv substructures	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	739.375
13	AdvanSiC	AdvanSiC - Advances in Cost-Effective HV SiC Power Devices for Europe's Medium Voltage Grids	IKERLAN S.KOOP.	659.775
14	HEFT	Novel concept of a low cost, high power density and highly efficient recyclable motor for next generation mass produced electric vehicles	MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRETA S KOOP	656.126
15	MAIA	Maximising impact and accessibility of european climate research	BC3 BASQUE CENTRE FOR CLIMATE CHANGE- KLIMA ALDAKETA IKERGAI ERAKUNDEA	642.500
16	Athena	AI-based CCAM: Trustworthy, Explainable, and Accountable	IKUSIZKO ELKARRERAGINEKO ETA KOMUNIKAZIOETAKO TEKNOLOGIEN ZENTROA VICOMTECH	525.650
17	HYPOBATT	Hyper powered vessel battery charging system	IKERLAN S. KOOP	416.000

## Kluster digitalaren, industriaren eta espazioaren proiektuak (i)

## H. Europa: II. zutabea – Munduko erronkak

Zkia.	Akronimo	Titulua	Erakundea	Finantziakzioa EB (euroak)
1	Green SME	Driving manufacturing SME transformation towards green, digital and social sustainability	TEKNIKER FUNDAZIOA	3.410.625
2	ZDZW	Non-Destructive Inspection Services for Digitally Enhanced Zero Waste Manufacturing	IKERLAN S. KOOP	1.070.494
3	MUSIC	Materials for Sustainable Sodium-Ion Capacitors	ENERGIA ALTERNATIBOEN IKERKETA KOOPERATIBOKO ZENTROA, CIC ENERGIGUNE FUNDAZIOA	1.069.750
4	RELIANCE	Smart Response sELf-desInfected biobAsed NanoCoatEd surfaces for healthier environments.	TEKNIKER FUNDAZIOA	996.481
5	HARTU	Handling with AI-enhanced Robotic Technologies for flexible manufactUring	TEKNIKER FUNDAZIOA	984.875
6	TORNADO	NEW ROUTES OF SAFE AND SUSTAINABLE BY DESIGN WATER AND OIL REPELLENT BIOBASED COATINGS	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	982.813
7	ORU-BOAS	ORU BASED ON BUILDING BLOCKS FOR ADVANCED ASSEMBLY OF SPACE SYSTEMS	SENER AEROESPACIAL S.A.	967.500
8	SMARTHANDLE	Resilient manufacturing lines based on smart handling systems	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	954.473
9	FORCE REPAIR	smart and multiFunctional 3D printable prO-Regenerative biologiCal matrix modulating mEchanotRansduction as advancEd theraPy to treAt skIn chRonic wounds	CIDETEC FUNDAZIOA	868.750
10	SAFEST	Smart Avionics for Flight tErmination SysTems, SAFEST	SENER AEROESPACIAL S.A.	818.138

## Kluster digitalaren, industriaren eta espazioaren proiektuak (ii)

## H. Europa: II. zutabea – Munduko erronkak

Zkia.	Akronimo	Titulua	Erakundea	Finantziakoa EB (euroak)
11	FLASH-COMP	Flawless and sustainable production of composite parts through a human centred digital approach	LORTEK S. KOOP	801.812
12	REFORM	Printed electronics for the circular economy	CIDETEC FUNDAZIOA	796.500
13	drOp	Digitally enabled social district renovation processes for age-friendly environments driving social innovation and local economic development	ERMUAKo UDALA	723.243
14	NimbleAI	Ultra-energy efficient and secure neuromorphic sensing and processing at the endpoint	IKERLAN S. KOOP	722.500
15	SUINK	Sustainable self-charging power systems developed by inkjet printing	TEKNIKER FUNDAZIOA	701.000
16	BILASURF	Bio-inspired laser functionalization of complex 3D industrial surfaces	CEIT IKERKUNTZA ZENTROA	700.391
17	DARROW	Driving the future of water resource recovery facilities through data intelligence	CEIT IKERKUNTZA ZENTROA	689.864
18	RE4DY	European data as a product value ecosystems for resilient factory 4.0 product and production continuity and sustainability	ENPRESA TEKNOLOGIKOEN ELKARTEA INNOVALIA	680.000
19	AMBHER	Ammonia and MOF based hydrogen storage for europe	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	588.750
20	NICKEFFECT	Ni-based ferromagnetic coatings with enhanced efficiency to replace Pt in energy & digital storage applications	CIDETEC FUNDAZIOA	529.250

## Elikadura kluster proiektuak, Bioekonomia, Natur Baliabideak, Nekazaritza eta Ingurumena

Zkia.	Akronimo	Titulua	Erakundea	Finantziakzioa EB (euroak)
1	GES4SEAS	Achieving Good Environmental Status for maintaining ecosystem Services, by ASsessing integrated impacts of cumulative pressures	AZTI FUNDAZIOA	1.068.221
2	CoDiet	Combatting Diet related non-communicable disease through enhanced surveillance	AZTI FUNDAZIOA	981.418
3	SYMBIOREM	Symbiotic, circular bioremediation systems and biotechnology solutions for improved environmental, economic and social sustainability in pollution control	UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA	578.438

## Osasun kluster proiektuak

Zkia.	Akronimo	Titulua	Erakundea	Finantziazioa EB (euroak)
1	BlueAdapt	Reducing climate based health risks in blue environments: Adapting to the climate change impacts on coastal pathogens	BC3 BASQUE CENTRE FOR CLIMATE CHANGE-KLIMA ALDAKETA IKERGAI ERAKUNDEA	1.774.390
2	SINPAIN	A game changer for the treatment of osteoarthritis: a cost effective combined advanced therapy to treat knee osteoarthritis	CIDETEC FUNDAZIOA	1.286.250

## Kultura kluster proiektuak, Sormena eta Gizarteklusiboa

Zkia.	Akronimo	Titulua	Erakundea	Finantziazioa EB (euroak)
1	RescueME	Achieving Good Environmental Status for maintaining ecosystem Services, by ASsessing integrated impacts of cumulative pressures	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	693.178
2	MEGASKILLS	Combatting Diet related non-communicable disease through enhanced surveillance	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	637.763
3	SCIREARLY	Symbiotic, circular bioremediation systems and biotechnology solutions for improved environmental, economic and social sustainability in pollution control	DEUSTUko UNIBERTSITATEA	484.533



## Gizartearentzako Segurtasun Zibileko kluster-proiektuak

Zkia.	Akronimo	Titulua	Erakundea	Finantziazioa EB (euroak)
1	RescAI4CYBER	Trustworthy Artificial Intelligence for Cybersecurity Reinforcement and System Resilience	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	840.328
2	DYNABIC	Dynamic business continuity of critical infrastructures on top of adaptive multi-level cybersecurity	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	768.125



ZTBP|20  
PCTI|30

# Europako Horizonteko "Munduko Erronkak eta Europako Industria Lehiakortasuna" II. Zutabeen parte hartu duten euskal erakundeen 20en zerrenda



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## 20en partehartzaileen zerrenda II. zutabea (i)

Zkia.	Erakundea	Finantz. (M. €)	Partehartz zkia.	Lider zkia.
1	TECNALIA RESEARCH & INNOVATION FUNDAZIOA	45,05	76	14
2	TEKNIKER FUNDAZIOA	12,16	15	4
3	CIDETEC FUNDAZIOA	10,55	18	4
4	IKERLAN S. KOOP	8,52	17	4
5	CEIT IKERKUNTZA ZENTROA	7,85	13	2
6	IKUSIZKO ELKARRERAGINEKO ETA KOMUNIKAZIOETAKO TEKNOLOGIEN ZENTROA VICOMTECH	7,59	19	2
7	AZTI FUNDAZIOA	6,56	10	2
8	ENERGIA ALTERNATIBOEN IKERKETA KOOPERATIBOKO ZENTROA, CIC ENERGIGUNE FUNDAZIOA	6,42	11	2
9	BC3 BASQUE CENTRE FOR CLIMATE CHANGE – KLIMA ALDAKETA IKERGAI ERAKUNDEA	5,70	12	2
10	DEUSTUKO ELIZAREN UNIBERTSITATEA ERAKUNDE ERLIJIOSOA	4,51	12	1

## 20en partehartzaileen zerrenda II. zutabean (ii)

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Zkia.	Erakundea	Finantz. (M. €)	Partehartzaile zkia.	Lider zkia.
11	GAIKER FUNDAZIOA	4,08	9	0
12	AERONAUTIKAKO TEKNOLOGIEN ZENTROAREN FUNDAZIOA	3,83	3	0
13	TURBO PROPULSATZAILEEN INDUSTRIA P.B.S.A.	3,45	3	0
14	MONDRAGON ASSEMBLY S. KOOP	2,90	2	0
15	MONDRAGON GOI ESKOLA POLITEKNIKOA JOSE MARIA ARIZMENDIARRIETA S. KOOP	2,88	8	1
16	AERNNOVA ENGINEERING DIVISION SAU	2,69	5	0
17	CAF POWER & AUTOMATION SM	2,60	2	0
18	ERAIKUNTZAK ETA TRENBIDEEI LAGUNTZEA, IKERKETA ETA GARAPENA SM	2,53	6	0
19	IDEKO S. KOOP	2,51	4	1
20	INNOVALIA, TEKNOLOGIA ENPRESEN ERAKUNDEA	2,43	6	1



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PCTI|30

*Talentua garatuz, auzolana*

