

20. August, 2018, Copenhagen

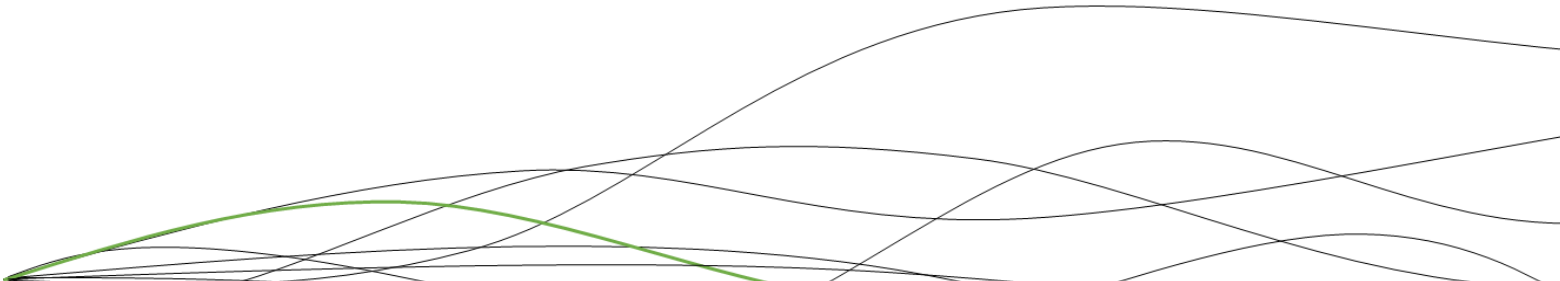


RESEARCH AND INNOVATION BUREAU

UPDATE



**FRENCH-DANISH
COLLABORATION IN
HORIZON 2020**



French-Danish collaboration in Horizon 2020

Grøn/Bruun Research and Innovation Bureau is a strong supporter of EU's research and innovation programme Horizon 2020. So far almost 20.000 projects have been granted which amounts to more than EUR 33 billion supporting businesses and academia in addressing major societal challenges such as climate change, energy, health and groundbreaking new research. French president Macron is also an adamant supporter of science and Horizon 2020. On the occasion of his visit to Denmark on 28-29 August 2018, Grøn/Bruun has assessed the 20.000 Horizon 2020 projects and found:

- French and Danish organisations collaborated in 546 Horizon 2020 funded projects. In total these projects received EUR 4,1 billion.
- In total, the French and Danish organisations have been granted EUR 809,7 million in these projects. Danish organisations have received a total of EUR 293,8 million and French organisations have received EUR 515,8 million.
- The parts of Horizon 2020 in which French and Danish institutions collaborated the most in terms of individual participations were under the mobility programme Marie Skłodowska-Curie Actions and Societal challenge 2: European Bioeconomic Challenges.
- In terms of where the highest rate of funding was received, was under the programme parts Societal challenge 2: European Bioeconomic Challenges and Societal challenge 1: Health, demographic change and wellbeing (SC1).

Inforbox 1: Horizon overall programme structure and abbreviations

Pillar 1: Excellent Science

- The European Research Council (ERC)
- Future and Emerging Technologies (FET's)
- Marie Skłodowska-Curie Actions (MSCA)
- European research Infrastructures (RI)

Pillar 2: Industrial Leadership

- Leadership in enabling and industrial technologies (LEIT) Incl. LEIT-ICT, LEIT-SPACE, LEIT-NMBP*
- Access to risk finance
- Innovation in SME's

*Nanotechnologies, Advanced Materials, Biotechnology, and Advanced Manufacturing and Processing

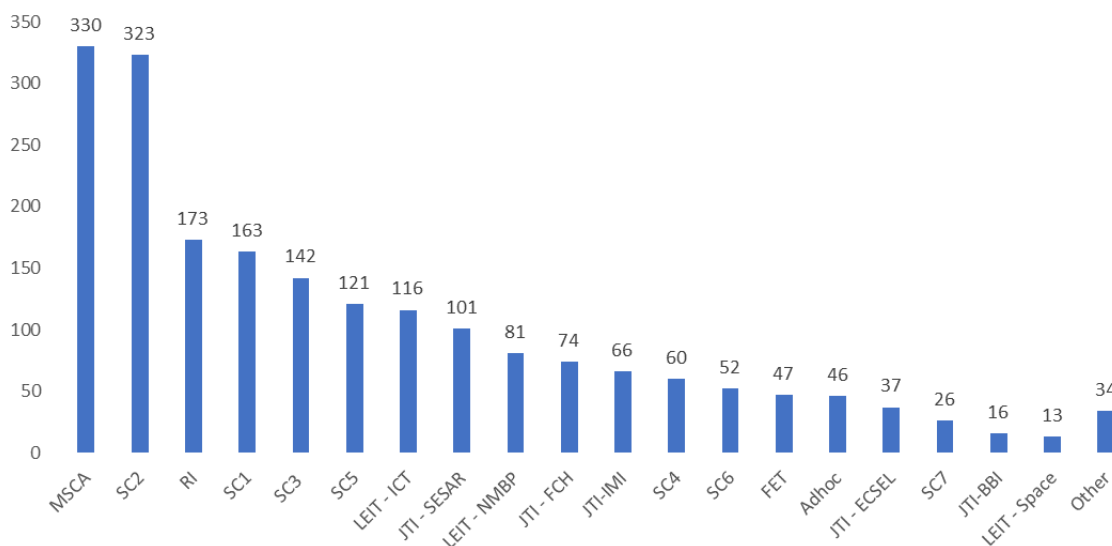
Pillar 3: Societal Challenges

- Societal challenge 1: Health, demographic change and wellbeing (SC1)
- Societal challenge 2: European Bioeconomic Challenges (SC2)
- Societal challenge 3: Secure, clean and efficient energy (SC3)
- Societal challenge 4: Smart, green and integrated transport (SC4)
- Societal challenge 5: Climate action, resource efficiency including raw materials (SC5)
- Societal challenge 6: Europe in a changing world - Inclusive, innovative and reflective societies (SC6)
- Societal challenge 7: Secure societies (SC7)

Joint Technology Initiatives (JTI)

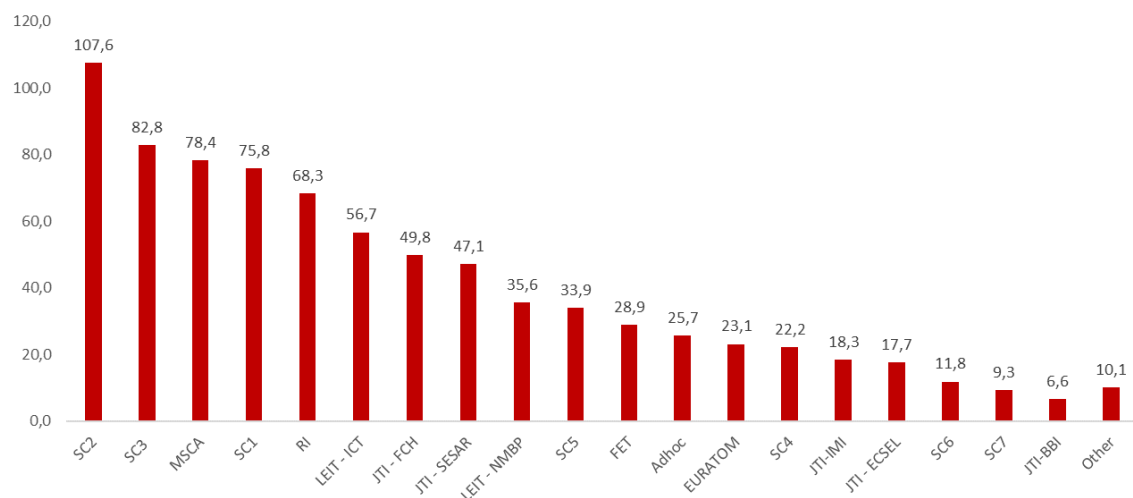
- Electronic Components and Systems for European Leadership (JTI – ECSEL)
- The Fuel Cells and Hydrogen (JTI – FCH)
- Single European Sky ATM Research (JTI – SESAR)
- Innovative Medicines Initiative (JTI – IMI)
- Biobased Industries (JTI-BBI)
- See full list of JTI's <https://ec.europa.eu/programmes/horizon2020/en/partnerships-industry>

Figure 1: French and Danish participations in project where both countries are participating, per programme type in Horizon 2020



Source: European Open Data Portal, 20/8/2018

Figure 2: Horizon 2020 funding to French and Danish participants in project where both countries are participating (million EUR)



Source: European Open Data Portal, 20/8/2018

All full partnerships and project descriptions can be found at the European Commission CORDIS website.¹

Table 1: French-Danish collaborative projects in Horizon 2020

Nr.	Acronym	Title	Pro-gramme	French part-ners in project	Danish part-ners in project	Total part-ners in project	EU contri-bution to French partners (EUR)	EU contri-bution to Danish partners (EUR)	EU contri-bution to entire pro-ject (EUR)
1	MyO-cean FO	Pre-Operational Marine Service Continuity in Transition towards Copernicus	Adhoc	6	3	58	2.592.259	212.946	6.000.000
2	Eu-roStemC ell	European Consortium for Communicating Stem Cell Research	Adhoc	2	1	31	0	0	600.000
3	GN4-1	GN4-1 Research and Education Networking - GÉANT	Adhoc	1	1	40	335.667	1.539.801	25.000.000
4	CAIV_EP BD	Concerted Action EPBD IV	Adhoc	1	1	29	36.300	997.834	3.000.000
5	Graphe-neCore1	Graphene-based disruptive technologies	Adhoc	13	1	159	10.676.264	1.050.000	89.000.000
6	HBP SGA1	Human Brain Project Specific Grant Agree-ment 1	Adhoc	10	2	117	6.939.238	1.129.415	89.000.000
7	BELLA-S1	BELLA-S1 Building Europe Link with Latin America	Adhoc	1	1	40	14.344	0	10.000.000
8	CA-RES3	Concerted Action supporting the transposition and implementation of Directive 2009/28/EC on the promotion of the use of energy from renewable sources (RES Directive)	Adhoc	1	1	30	113.820	102.480	4.981.469
9	PEGASUS	The makeup of the modern horse: a history of the biological changes introduced by human management	ERC	1	1	3	1.952.961	0	1.999.555
10	EUROfu-sion	Implementation of activities described in the Roadmap to Fusion during Horizon	EURATOM	1	1	31	22.342.219	752.947	443.387.183

¹ https://cordis.europa.eu/projects/home_en.html

		2020 through a Joint programme of the members of the EUROfusion consortium							
11	QuantERA	QuantERA ERA-NET Cofund in Quantum Technologies	FET	1	1	33	1.031.527	448.498	11.510.008
12	HOT	Hybrid Optomechanical Technologies	FET	2	1	17	1.234.100	550.000	10.000.000
13	FLAG-ERA II	The Flagship ERA-NET	FET	1	1	25	884.813	47.850	6.052.613
14	ESCAPE	Energy-efficient SCalable Algorithms for weather Prediction at Exascale	FET	2	1	12	562.455	275.610	3.977.953
15	ESCAPE-2	Energy-efficient SCalable Algorithms for weather and climate Prediction at Exascale	FET	2	1	12	599.491	307.000	3.999.650
16	DISCOVERER	DISCOVERER – DISruptive teChnOlogies for VERY low Earth oRbit platforms	FET	1	1	9	215.000	620.000	5.726.750
17	INDEX	Integrated nanoparticle isolation and detection system for complete on-chip analysis of exosomes	FET	2	1	6	990.025	310.000	2.982.275
18	COSMICS	Concepts and tools in molecular spintronics	FET	2	2	6	1.319.637	1.172.386	3.894.249
19	STAR-DUST	in vivo optogeneticS, electrophysiology and pharmacology with an ultrasonically-powered DUST for Parkinson's Disease	FET	1	2	9	518.430	1.453.685	3.787.933
20	LiRich-FCC	A new class of powerful materials for electrochemical energy storage: Lithium-rich oxyfluorides with cubic dense packing	FET	1	1	5	735.851	739.426	4.114.754
21	NanoQTech	Nanoscale Systems for Optical Quantum Technologies	FET	1	1	7	1.135.681	399.895	3.378.429
22	SPICE	Spintronic-Photonic Integrated Circuit platform for novel Electronics	FET	1	2	5	747.026	1.386.074	3.395.178
23	RYSQ	Rydberg Quantum Simulators	FET	2	1	16	1.096.000	228.000	4.383.000
24	GrapheneCore2	Graphene Flagship Core Project 2	FET	11	1	145	9.227.225	705.500	88.000.000
25	NCP ACAD-EMY	National Contact Points for quality standards and horizontal issues	GARRI	1	1	16	41.875	297.000	1.967.828
26	3DAM	3D Advanced Metrology and materials for advanced devices	JTI - ECSEL	5	2	17	1.134.137	410.649	6.506.725
27	ENABLE-S3	European Initiative to Enable Validation for Highly Automated Safe and Secure Systems	JTI - ECSEL	5	3	73	816.543	395.538	16.151.080
28	EnSO	Energy for Smart Objects	JTI - ECSEL	12	1	36	12.723.553	124.200	18.730.197
29	Productive4.0	Electronics and ICT as enabler for digital industry and optimized supply chain management covering the entire product lifecycle	JTI - ECSEL	8	1	110	1.975.883	70.000	26.033.148
30	HyBalance	HyBalance	JTI - FCH	2	3	7	5.347.183	796.448	7.999.371
31	H2ME	Hydrogen Mobility Europe	JTI - FCH	7	2	28	9.321.841	847.343	32.000.000
32	HEALTH-CODE	Real operation pem fuel cells HEALTH-state monitoring and diagnosis based on dc-dc Converter embedded EIS	JTI - FCH	3	2	11	476.961	601.813	2.358.736
33	ECo	Efficient Co-Electrolyser for Efficient Renewable Energy Storage - ECo	JTI - FCH	1	1	9	775.821	749.375	2.500.514
34	BIG HIT	Building Innovative Green Hydrogen systems in an Isolated Territory: a pilot for Europe	JTI - FCH	1	1	12	280.650	134.775	5.000.000
35	Cell3Diator	Cost-effective and flexible 3D printed SOFC stacks for commercial applications	JTI - FCH	1	1	8	474.750	372.651	2.180.663
36	H2ME 2	Hydrogen Mobility Europe 2	JTI - FCH	14	3	37	13.194.584	4.288.889	34.999.549
37	QualyGridS	Standardized Qualifying tests of electrolyzers for grid services	JTI - FCH	1	1	10	228.478	350.625	1.996.795
38	INSIGHT	Implementation in real SOFC Systems of monitoring and diagnostic tools using signal analysis to increase their lifetime	JTI - FCH	3	1	12	486.834	313.625	2.498.949
39	HyLAW	Identification of legal rules and administrative processes applicable to Fuel Cell and Hydrogen technologies' deployment, identification of legal barriers and advocacy towards their removal.	JTI - FCH	2	2	23	70.000	55.000	1.143.000
40	COSMHYC	Combined hybrid Solution of Multiple Hydrogen Compressors for decentralised energy storage and refuelling stations	JTI - FCH	1	1	6	753.125	515.298	2.496.830
41	NET-Tools	Novel Education and Training Tools based on digital applications related to Hydrogen and Fuel Cell Technology	JTI - FCH	1	1	8	168.500	244.500	1.596.008

42	NEP-TUNE	Next Generation PEM Electrolyser under New Extremes	JTI - FCH	2	1	6	236.126	350.189	1.926.221
43	REMOTE	Remote area Energy supply with Multiple Options for integrated hydrogen-based TEchnologies	JTI - FCH	1	1	12	496.125	586.600	4.995.950
44	PEGASUS	PEMFC based on platinum Group metAl free StrUctured cathodeS	JTI - FCH	2	1	8	1.124.701	205.214	2.829.017
45	JIVE 2	Joint Initiative for hydrogen Vehicles across Europe 2	JTI - FCH	3	1	21	2.329.440	1.552.961	25.000.000
46	REFLEX	Reversible solid oxide Electrolyzer and Fuel cell for optimized Local Energy miX	JTI - FCH	3	1	9	1.517.789	298.218	2.999.575
47	TeachHy	Teaching Fuel Cell and Hydrogen Science and Engineering Across Europe within Horizon 2020	JTI - FCH	1	1	12	112.350	113.648	1.248.529
48	PJ05 Remote Tower	Remote Tower for Multiple Airports	JTI - SESAR	2	1	30	113.394	0	1.828.086
49	PJ09 DCB	Advanced DCB	JTI - SESAR	3	1	29	373.664	0	1.450.877
50	PJ19 CI	Content Integration	JTI - SESAR	4	1	28	1.018.272	28.831	4.506.333
51	PJ02 EARTH	Increased Runway and Airport Throughput	JTI - SESAR	7	1	34	1.147.330	0	3.162.606
52	PJ31 DIGITS	Initial Trajectory Information Sharing	JTI - SESAR	3	1	17	8.652.961	46.841	11.550.558
53	PJ17 SWIM-TI	SWIM Technical Infrastructure	JTI - SESAR	5	1	28	2.773.065	0	5.944.101
54	PJ01 EAD	Enhanced Arrivals and Departures	JTI - SESAR	6	1	24	4.842.578	37.895	10.676.879
55	PJ20 AMPLE	Master Plan Maintenance	JTI - SESAR	5	1	28	219.911	11.713	674.936
56	PJ24 NCM	PJ24 VLD Network Collaborative Management	JTI - SESAR	3	1	19	204.443	0	965.415
57	PJ04 TAM	Total Airport Management	JTI - SESAR	2	1	30	1.870.742	0	5.428.862
58	PJ06 To-BeFREE	Trajectory based Free Routing	JTI - SESAR	2	1	17	906.063	85.174	3.674.104
59	PJ27 IOPVLD	Flight Object Interoperability VLD Demonstration	JTI - SESAR	2	1	13	188.627	16.931	1.233.047
60	PJ16 CWP HMI	Controller Working Position / Human Machine Interface - CWP/HMI	JTI - SESAR	2	1	28	1.957.458	78.941	7.837.484
61	PJ10 PROSA	Controller Tools and Team Organisation for the Provision of Separation in Air Traffic Management	JTI - SESAR	4	1	29	4.918.350	374.237	16.080.211
62	PJ25 XSTREAM	Cross Border SESAR Trials for Enhanced Arrival Management	JTI - SESAR	2	1	20	127.780	18.088	793.878
63	PJ03a SUMO	Integrated Surface Management	JTI - SESAR	7	1	36	1.433.660	0	2.621.601
64	PJ15 COSER	Common Services	JTI - SESAR	2	1	18	1.077.234	47.987	3.524.876
65	PJ18 4DTM	4D Trajectory Management	JTI - SESAR	6	1	28	6.286.255	164.224	13.524.186
66	PJ14 EECNS	Essential and Efficient Communication Navigation and Surveillance Integrated System	JTI - SESAR	6	1	30	6.179.129	115.170	14.145.490
67	DroC2om	Drone Critical Communications	JTI - SESAR	1	2	4	284.375	703.230	1.270.543
68	PODIUM	Proving Operations of Drones with Initial UTM Management	JTI - SESAR	4	2	10	544.138	251.624	1.395.649
69	ECOXY	Bio-based recyclable, reshapable and repairable (3R) fibre-reinforced EpOXY composites for automotive and construction sectors.	JTI-BBI	3	1	13	1.301.225	322.875	4.850.960
70	PEFence	From bio-based feedstocks via di-acids to multiple advanced bio-based materials with a preference for polyethylene furanate	JTI-BBI	1	1	11	793.188	395.502	24.999.610
71	ABACUS	Algae for a biomass applied to the production of added value compounds	JTI-BBI	4	1	9	2.021.171	533.296	4.653.659

72	URBIO-FIN	Demonstration of an integrated innovative biorefinery for the transformation of Municipal Solid Waste (MSW) into new BioBased products (URBIOFIN)	JTI-BBI	2	1	16	402.816	177.692	10.946.366
73	BIOSKOH	BIOSKOH's Innovation Stepping Stones for a novel European Second Generation BioEconomy	JTI-BBI	1	1	11	360.301	291.075	21.568.194
74	INNODIA	Translational approaches to disease modifying therapy of type 1 diabetes: an innovative approach towards understanding and arresting type 1 diabetes.	JTI-IMI	2	3	34	1.957.000	1.899.000	17.629.999
75	Ebola-MoDRAD	Ebola Virus: Modern Approaches for developing bedside Rapid Diagnostics	JTI-IMI	4	2	18	835.230	520.875	4.300.935
76	RHAP-SODY	Assessing risk and progression of prediabetes and type 2 diabetes to enable disease modification	JTI-IMI	5	2	26	1.595.934	599.151	8.130.000
77	ADAPT-SMART	Accelerated Development of Appropriate Patient Therapies: a Sustainable, Multi-stakeholder Approach from Research to Treatment-outcomes	JTI-IMI	6	3	35	106.000	0	1.130.000
78	BEAT-DKD	Biomarker Enterprise to Attack DKD	JTI-IMI	1	1	31	460.000	0	15.085.937
79	PHAGO	Inflammation and AD: modulating microglia function - focussing on TREM2 and CD33	JTI-IMI	2	1	19	593.750	0	8.838.000
80	RESCU	REspiratory Syncytial virus Consortium in Europe	JTI-IMI	1	1	18	0	504.375	14.498.125
81	DO->IT	Big Data for Better Outcomes, Policy Innovation and Healthcare System Transformation (DO->IT)	JTI-IMI	3	1	36	96.321	0	3.549.833
82	IMPRIND	Inhibiting Misfolded protein PPropagation in Neurodegenerative Diseases	JTI-IMI	3	2	18	832.000	208.000	4.684.998
83	IB4SD-TRISTAN	Imaging Biomarkers (IBs) for Safer Drugs: Validation of Translational Imaging Methods in Drug Safety Assessment (IB4SD-TRISTAN)	JTI-IMI	1	1	21	250.000	0	12.000.000
84	LITMUS	Liver Investigation: Testing Marker Utility in Steatohepatitis	JTI-IMI	4	3	47	1.293.250	1.427.093	15.797.881
85	PARADIGM	Patients Active in Research and Dialogues for an Improved Generation of Medicines: Advancing meaningful patient engagement in the life cycle of medicines for better health outcomes.	JTI-IMI	3	2	34	463.597	0	4.498.931
86	Hypo-RESOLVE	Hypoglycaemia - REdefining SOLutions for better lIvEs	JTI-IMI	1	3	23	465.000	2.385.731	13.450.057
87	IMI-Pain-Care	Improving the care of patients suffering from acute or chronic pain	JTI-IMI	2	3	40	1.308.366	542.113	11.225.271
88	INTO-CPS	INTEgrated TOol chain for model-based design of CPSs	LEIT - ICT	2	3	12	1.310.750	1.521.669	7.956.804
89	CPS Summit	Transatlantic CPS Summit	LEIT - ICT	2	1	6	30.000	22.500	181.250
90	NEAT	A New, Evolutive API and Transport-Layer Architecture for the Internet	LEIT - ICT	1	1	9	0	231.598	3.957.001
91	ACE Creative	ACE Creative: Harnessing the strengths of innovation multipliers to accelerate creative industry growth through an integrated ecosystem of supports in finance, market access and technology exploitation.	LEIT - ICT	1	2	13	0	121.898	998.419
92	COCOHA	Cognitive Control of a Hearing Aid	LEIT - ICT	1	2	5	991.250	1.452.500	3.217.500
93	Organi-City	OrganiCity – Co-creating smart cities of the future	LEIT - ICT	1	3	15	440.879	3.258.031	7.266.582
94	Film265	Improving European VoD Creative Industry with High Efficiency Video Delivery	LEIT - ICT	1	1	4	70.604	88.725	908.851
95	PQCRYPTO	Post-quantum cryptography for long-term security	LEIT - ICT	1	1	11	463.750	383.393	3.851.791
96	mmMAGIC	Millimetre-Wave Based Mobile Radio Access Network for Fifth Generation Integrated Communications	LEIT - ICT	2	1	19	882.428	12.000	8.165.084
97	FANTASTIC-5G	Flexible Air iNTErface for Scalable service delivery wITHin wireless Communication networks of the 5th Generation	LEIT - ICT	4	2	18	2.256.981	899.220	7.986.858
98	PICs4All	Photonic Integrated Circuits Accessible to Everyone	LEIT - ICT	2	1	11	138.498	108.500	1.051.895

99	BabyRobot	Child-Robot Communication and Collaboration: Edutainment, Behavioural Modelling and Cognitive Development in Typically Developing and Autistic Spectrum Children	LEIT - ICT	2	1	9	344.625	530.500	3.995.741
100	AGILE	Adoptive Gateways for diverse multiple Environments	LEIT - ICT	1	1	19	238.750	305.000	6.857.550
101	ME-TRO4-3D	Metrology for future 3D-technologies	LEIT - ICT	1	2	10	249.221	602.349	2.689.035
102	MOS-QUITO	MOS-based Quantum Information Technology	LEIT - ICT	1	1	7	1.146.568	491.007	3.450.622
103	LEDLUM	TINY LIGHT ENGINE FOR LARGE SCALE LED LIGHTING	LEIT - ICT	1	2	7	647.750	1.623.499	4.118.521
104	An.Dy	Advancing Anticipatory Behaviors in Dyadic Human-Robot Collaboration	LEIT - ICT	1	1	8	582.239	317.250	3.950.025
105	DataBio	Data-Driven Bioeconomy	LEIT - ICT	2	1	51	252.590	138.569	12.580.486
106	Fed4FIREplus	Federation for FIRE Plus	LEIT - ICT	3	1	22	900.000	50.000	9.899.375
107	ESOTRAC	Hybrid optical and optoacoustic endoscope for esophageal tracking.	LEIT - ICT	3	1	9	1.310.628	371.250	4.000.603
108	ONE5G	E2E-aware Optimizations and advancements for the Network Edge of 5G New Radio	LEIT - ICT	3	2	15	1.484.614	1.315.900	7.977.229
109	NGPaaS	Next Generation Platform as a Service	LEIT - ICT	5	1	12	2.348.508	479.712	5.214.706
110	ROBINS	Robotics Technology for Inspection of Ships	LEIT - ICT	1	1	10	323.750	124.250	2.746.435
111	Team-Play	Time, Energy and security Analysis for Multi/Many-core heterogeneous PLATFORMs	LEIT - ICT	2	2	11	1.105.004	872.774	5.415.551
112	COVR	Being safe around collaborative and versatile robots in shared spaces	LEIT - ICT	1	1	5	1.172.669	6.864.433	10.448.334
113	Robot-Union	Stimulate ScaleUps to develop novel and challenging Technology and systems applicable to new Markets for ROBOTic solutions	LEIT - ICT	1	3	14	316.875	823.125	7.999.961
114	WAI-Tools	Advanced Decision Support Tools for Scalable Web Accessibility Assessments	LEIT - ICT	1	1	7	554.775	258.804	1.999.812
115	ESMERA	European SMEs Robotics Applications	LEIT - ICT	1	1	7	571.666	366.563	7.999.998
116	QAMeleon	Sliceable multi-QAM format SDN-powered transponders and ROADMs Enabling Elastic Optical Networks	LEIT - ICT	2	1	16	1.540.725	144.750	7.999.559
117	MERLIN	Multi-modal, multi-scale retinal imaging	LEIT - ICT	2	1	6	2.322.575	361.735	4.867.660
118	IoF2020	Internet of Food and Farm 2020	LEIT - ICT	6	2	71	1.303.333	590.365	29.999.528
119	SynchroniCity	SynchroniCity: Delivering an IoT enabled Digital Single Market for Europe and Beyond	LEIT - ICT	1	2	41	0	1.540.626	14.983.818
120	MONICA	Management Of Networked IoT Wearables – Very Large Scale Demonstration of Cultural Societal Applications	LEIT - ICT	2	8	29	987.821	4.111.284	14.999.733
121	HINDCON	Hybrid INDUSTRIAL CONSTRUCTION through a 3D printing “all-in-one” machine for large-scale advanced manufacturing and building processes	LEIT - NMBP	3	1	12	1.534.760	215.250	4.798.205
122	SCALABLE4.0	Scalable automation for flexible production systems	LEIT - NMBP	1	1	7	784.550	713.750	3.999.050
123	Myco-SynVac	Engineering of Mycoplasma pneumoniae as a broad-spectrum animal vaccine	LEIT - NMBP	1	1	8	850.300	591.750	8.056.677
124	DiViNe	Sustainable downstream processing of vaccines through incorporation of nanobiotechnologies : novel affinity ligands and biomimetic membranes	LEIT - NMBP	1	1	6	1.035.212	519.400	5.790.581
125	ME-TAFLUIDICS	Advanced toolbox for rapid and cost-effective functional metagenomic screening - microbiology meets microfluidics.	LEIT - NMBP	1	2	14	722.255	1.285.479	8.808.363
126	NEXTOWER	Advanced materials solutions for next generation high efficiency concentrated solar power (CSP) tower systems	LEIT - NMBP	1	1	19	100.013	244.947	4.999.778
127	BIORIMA	BIOMaterial Risk MANAGEMENT	LEIT - NMBP	3	1	41	623.456	341.251	7.999.981
128	De-coChrom	Decorative Applications for Self-Organized Molecular Electrochromic Systems	LEIT - NMBP	2	1	15	918.750	499.311	6.688.151

129	DACO-MAT	Damage Controlled Composite Materials	LEIT - NMBP	1	2	14	79.375	1.436.656	5.873.915
130	DAFIA	Biomacromolecules from municipal solid bio-waste fractions and fish waste for high added value applications.	LEIT - NMBP	2	1	17	714.406	569.500	6.430.196
131	Rafts4Biotech	Synthetic bacterial lipid rafts to optimize industrial bioprocesses	LEIT - NMBP	1	1	12	600.250	555.250	6.733.580
132	EC4SafeNano	European Centre for Risk Management and Safe Innovation in Nanomaterials Nano-technologies	LEIT - NMBP	1	1	15	452.681	75.900	1.999.013
133	EMMC-CSA	European Materials Modelling Council	LEIT - NMBP	1	1	15	204.125	114.938	3.773.471
134	NanoPack	Pilot line production of functional polymer nanocomposites from natural halloysite nanotubes: demonstrating controlled release of active antimicrobials in food packaging applications.	LEIT - NMBP	1	4	18	475.125	1.370.875	7.665.218
135	SUN-PILOT	Subwavelength Nanostructure Pilot (Sun-Pilot)	LEIT - NMBP	2	1	13	947.000	432.751	7.056.398
136	NANO-RESTART	NANOMaterials for the REStoration of works of ART	LEIT - NMBP	4	1	27	936.073	150.000	7.918.397
137	Nano-REG II	Development and implementation of Grouping and Safe-by-Design approaches within regulatory frameworks	LEIT - NMBP	6	1	42	2.475.310	344.586	9.995.704
138	EIROS	Erosion and Ice Resistant cOMposite for Severe operating conditions	LEIT - NMBP	2	1	18	496.044	23.575	7.993.169
139	MATCHING	Materials Technologies for performance improvement of Cooling Systems in Power Plants	LEIT - NMBP	1	1	19	822.588	808.500	9.706.414
140	PARTIAL-PGMs	Development of novel, high Performance hybrid TWV/GPF Automotive after treatment systems by rational design: substitution of PGMs and Rare earth materials	LEIT - NMBP	2	1	15	390.625	149.391	4.650.000
141	Smart-NanoTox	Smart Tools for Gauging Nano Hazards	LEIT - NMBP	2	1	11	1.510.121	799.820	7.996.124
142	caLIB-Rate	Performance testing, calibration and implementation of a next generation system-of-systems Risk Governance Framework for nanomaterials	LEIT - NMBP	1	2	24	299.115	2.233.971	7.999.688
143	NET-MARKET-FLUIDICS	Networking and market approach to tackle the bottleneck of deploying micro and nanofluidics in Europe	LEIT - NMBP	1	1	9	61.875	71.935	499.729
144	IZADINANOZINDUSTRY	Injection moulding, casting and coating PILOTS for the production of improved components with nano materials for automotive, construction and agricultural machinery.	LEIT - NMBP	1	5	14	226.800	1.896.999	6.027.653
145	ADREM	Adaptable Reactors for Resource- and Energy-Efficient Methane Valorisation	LEIT - NMBP	1	1	10	178.594	761.625	5.999.933
146	NOVUM	Pilot line based on novel manufacturing technologies for cellulose-based electrical insulation components	LEIT - NMBP	2	1	10	642.927	1.321.601	6.480.353
147	Odysseus II	Youth for Space Challenge - ODYSSEUS II	LEIT - Space	3	1	15	282.125	137.375	1.994.376
148	I3DS	Integrated 3D Sensors suite	LEIT - Space	1	1	10	330.291	319.895	3.393.664
149	LEA	The first Large European Antenna with a diameter larger than 5 meters	LEIT - Space	1	1	15	50.000	200.000	4.993.306
150	SPICES	Space-borne observations for detecting and forecasting sea ice cover extremes	LEIT - Space	1	2	14	162.500	491.500	2.995.678
151	PerceptiveSentinel	Perceptive Sentinel – BIG DATA knowledge extraction and re-creation platform	LEIT - Space	1	1	6	179.875	276.937	1.983.187
152	PRONKJEWAIL	Protecting patients with enhanced susceptibility to infections	MSCA	2	1	27	0	0	1.674.240
153	MFP	Martí i Franquès COFUND	MSCA	4	1	34	0	0	3.924.000
154	MULTIPLY	International Mobility and Training in Photonics Programme	MSCA	4	1	45	0	0	3.186.000
155	STARS	Supercomputing And Related applications Fellows Program	MSCA	1	1	8	0	0	1.416.000
156	FRESCOatCNAP	FrontierResearchCompetences@CNAP	MSCA	2	2	15	0	627.840	627.840

157	SPARK	Supporting Pioneer doctoral Researchers through 3i Knowledge partnerships	MSCA	1	1	30	0	0	1.569.600
158	IM-MUTRAIN	Training Network for the Immunotherapy of Cancer	MSCA	1	1	9	262.876	580.164	3.627.525
159	MEDEA	Molecular Electron Dynamics investigated by Intense Fields and Attosecond Pulses	MSCA	2	1	20	759.418	580.164	3.896.490
160	List_MAPS	Training and research in Listeria monocytogenes Adaptation through Proteomic and Transcriptome deep Sequencing Analysis	MSCA	4	2	11	1.051.502	580.164	2.841.980
161	ResMo-Sys	Multi-Stimuli Responsive Molecular Systems and Materials	MSCA	2	2	16	525.751	290.082	2.646.334
162	MEL-PLEX	Exploiting MELanoma disease comPLEXity to address European research training needs in translational cancer systems biology and cancer systems medicine	MSCA	1	1	20	0	290.082	3.583.870
163	FIWINSG	Fiber-Wireless Integrated Networks for 5th Generation delivery.	MSCA	4	1	20	788.627	580.164	3.867.897
164	TRUSS	Training in Reducing Uncertainty in Structural Safety	MSCA	1	1	16	262.876	0	3.701.307
165	ALFF	The Algal Microbiome: Friends and Foes	MSCA	3	1	28	525.751	546.576	3.794.115
166	Me-taRNA	RNA-based technologies for single-cell metabolite analysis	MSCA	2	3	15	525.751	1.160.328	3.995.643
167	EUROPOL	EUROPOL	MSCA	3	1	16	525.751	290.082	3.960.040
168	Protein-Factory	Engineering of new-generation protein secretion systems	MSCA	1	1	10	525.751	290.082	3.685.073
169	Nano-Heal	Nano-tailoring organo-mineral materials - Controlling strength and healing with organic molecules in mineral interfaces	MSCA	1	1	7	788.627	580.164	4.103.573
170	MICROWINE	MICROWINE - Microbial metagenomics and the modern wine industry	MSCA	3	4	21	788.627	1.450.409	3.945.597
171	BASE-LiNE Earth	Brachiopods As Sensitive tracers of gLocal marINe Environment: Insights from alkaline, alkaline Earth metal, and metalloid trace element ratios and isotope systems	MSCA	1	1	20	262.876	290.082	3.749.331
172	ASPIRE	Angular studies of photoelectrons in innovative research environments	MSCA	3	1	15	525.751	580.164	3.180.706
173	CEREAL-PATH	CEREALPATH - Training in innovative and integrated control of cereal diseases	MSCA	2	1	20	0	580.164	4.013.669
174	DEME-TER	Training Network for the Design and Recycling of Rare-Earth Permanent Magnet Motors and Generators in Hybrid and Full Electric Vehicles	MSCA	3	1	11	788.627	290.082	3.802.512
175	RELEVANCE	Regulation of red cell life-span, erythropoiesis, survival, senescence and clearance	MSCA	2	1	16	525.751	290.082	3.896.559
176	CaSR Biomedicine	Calcium-Sensing Receptor (CaSR): Therapeutics for Non-Communicable Diseases	MSCA	2	1	18	262.876	290.082	3.657.195
177	ModLife	Advancing Modelling for Process-Product Innovation, Optimization, Monitoring and Control in Life Science Industries	MSCA	1	2	12	525.751	1.450.409	4.090.249
178	PDZnet	Unraveling Principles of PDZ-mediated Cell Signaling	MSCA	3	2	10	1.051.502	1.160.328	3.744.859
179	EN-LIGHT-TEN	European Network linking informatics and genomics of helper T cells	MSCA	1	1	17	262.876	249.216	3.354.685
180	ND4ID	New Diagnostics for Infectious Diseases: "ND4ID"	MSCA	1	1	23	525.751	0	3.860.508
181	MicroArctic	Microorganisms in Warming Arctic Environments	MSCA	2	2	20	525.751	290.082	3.897.006
182	PROFILE	Innovative training network: Immunoprofile-directed stratification of patients with the autoimmune disorder thrombotic thrombocytopenic purpura	MSCA	1	1	9	0	0	1.464.398
183	MARmaED	MARine MANagement and Ecosystem Dynamics under climate change	MSCA	1	3	16	262.876	580.164	4.073.903
184	Spin-NANO	Nanoscale solid-state spin systems in emerging quantum technologies	MSCA	1	1	17	262.876	290.082	3.965.414
185	INFRA-STAR	Innovation and Networking for Fatigue and Reliability Analysis of Structures - Training for Assessment of Risk	MSCA	2	2	8	788.627	870.246	3.161.113

186	ArchSci2020	Archaeology on the Edge: Northern Europe and the Circumpolar World	MSCA	1	4	20	0	1.160.328	4.074.239
187	Brain-MatTrain	Development of Biomaterial-based Delivery Systems for Parkinson's disease - an Integrated Pan-European Approach	MSCA	1	1	8	525.751	290.082	3.995.083
188	Train2Target	An integrated multidisciplinary approach towards a new generation of antibiotics: Targeting function and cross-talk of bacterial Envelope protein machineries	MSCA	3	2	17	262.876	290.082	3.931.378
189	SMARTI ETN	European Training Network on Sustainable Multi-functional Automated Resilient Transport Infrastructures.	MSCA	5	1	28	788.627	290.082	3.990.941
190	AVA	Accelerators Validating Antimatter physics	MSCA	1	1	25	0	0	3.848.976
191	FBI	Multimodal, Functional Bio-Photonic Imaging	MSCA	1	2	15	0	870.246	3.902.716
192	SYND-EGEN	Synaptic dysfunction in Neurodegenerative Diseases	MSCA	2	1	14	788.627	0	3.129.428
193	PAIN-Net	Molecule-to-man pain network	MSCA	1	1	12	788.627	0	3.335.316
194	CATCH	Cancer: Activating Technology for Connected Health	MSCA	1	1	11	0	580.164	2.120.806
195	ENIGMA	European training Network for In situ imaging of dynamic processes in heterogeneous subsurface environments	MSCA	5	1	21	1.051.502	290.082	3.865.770
196	EU-GliaPhD	Training, Research and Raising of Public Awareness in Cell Biology and Pathology of Neuroglia	MSCA	2	1	12	525.751	290.082	3.924.325
197	INDEED	Innovative Nanowire Device Design	MSCA	6	1	26	788.627	290.082	4.000.458
198	SAINT	Science and Innovation with thunderstorms	MSCA	4	2	20	262.876	870.246	3.996.875
199	EURO-PAH	The Extensive and Ubiquitous Role of Polycyclic Aromatic Hydrocarbons (PAHs) in Space	MSCA	1	1	12	525.751	773.552	4.009.452
200	SUPUVIR	SUPERcontinuum broadband light sources covering UV to IR applications	MSCA	5	5	22	1.051.502	1.450.409	4.017.699
201	SmartAnswer	Smart mitigation of flow-induced acoustic radiation and transmission for reduced aircraft, surface transport, workplaces and wind energy noise	MSCA	6	1	23	1.051.502	96.694	3.844.758
202	TEMPERA	Teaching Emerging Methods in Palaeoproteomics for the European Research Area	MSCA	2	2	11	262.876	870.246	2.186.975
203	Foie Gras	Bioenergetic Remodeling in the Pathophysiology and Treatment of Non-Alcoholic Fatty Liver Disease	MSCA	1	1	14	262.876	0	3.202.196
204	RAMP	Rationalising Membrane Protein crystallisation	MSCA	1	1	9	525.751	580.164	3.243.291
205	OMT	OMT - Optomechanical Technologies	MSCA	4	1	18	525.751	290.082	3.897.454
206	Aromagenesis	Generation of new yeast strains for improved flavours and aromas in beer and wine	MSCA	2	1	12	788.627	290.082	3.684.849
207	HYBRID	Innovative Training Network towards raising and supporting the next generation of creative and entrepreneurial cross-speciality imaging experts	MSCA	3	1	23	525.751	290.082	3.858.940
208	TIN-ACT	Research School for TINnitus Assessment, Causes and Treatments	MSCA	1	2	8	788.627	580.164	3.928.915
209	RAINBOW	Rapid Biomechanics Simulation for Personalized Clinical Design	MSCA	3	4	14	0	1.450.409	4.013.445
210	SAGEX	Scattering Amplitudes: from Geometry to Experiment	MSCA	1	1	8	525.751	580.164	3.983.216
211	PhotoBioCat	Light-driven sustainable biocatalysis training network	MSCA	2	1	17	525.751	0	3.029.224
212	ENABLE	European Network for Alloys Behaviour Law Enhancement	MSCA	8	1	17	920.065	0	2.316.282
213	EduLia	BRINGING DOWN BARRIERS TO CHILDREN'S HEALTHY EATING	MSCA	4	3	18	788.627	580.164	2.933.057
214	CARTNET	Combatting Antimicrobial Resistance Training Network	MSCA	1	2	12	0	1.160.328	3.445.597
215	QuSCo	Quantum-enhanced Sensing via Quantum Control	MSCA	6	1	20	1.387.399	290.082	3.881.935
216	MIRA	Microbe induced Resistance to Agricultural pests	MSCA	1	1	11	262.876	870.246	3.936.528

217	GLOMO	Global mobility of employees	MSCA	2	2	19	525.751	580.164	3.947.612
218	FOO-DENGINE	Enginomics in food quality design: the case of shelf-stable fruit-, vegetable- and legume-based foods	MSCA	1	1	9	525.751	1.160.328	3.437.312
219	UbiCODE	European Research Training to Decipher The Ub Code : identification of potential biomarkers and drug targets	MSCA	2	1	20	525.751	290.082	3.407.194
220	MUM-MERING	MUltiscale, Multimodal and Multidimensional imaging for EngineeRING	MSCA	4	4	28	525.751	1.450.409	3.999.114
221	DNA-Robotics	DNA-Based Modular Nanorobotics	MSCA	1	2	12	0	870.246	3.979.633
222	Euro-Neurotrophin	A European training network for the discovery of neurotrophins small molecule mimetics as candidate therapeutic agents for neurodegeneration and neuroinflammation	MSCA	1	1	17	262.876	0	3.555.759
223	COSINE	Training network for COmputational Spectroscopy In Natural sciences and Engineering	MSCA	1	2	16	262.876	870.246	3.745.979
224	DoDyNet	Double Dynamics for design of new responsive polymer networks and gels	MSCA	2	1	10	1.051.502	290.082	3.340.690
225	AQUALity	Interdisciplinary cross-sectoral approach to effectively address the removal of contaminants of emerging concern from water	MSCA	3	3	18	525.751	870.246	3.897.678
226	RealVision	Hyperrealistic Imaging Experience	MSCA	5	5	22	1.051.502	1.160.328	4.076.702
227	FORTE	Fibre optic nonlinear technologies	MSCA	1	1	6	262.876	290.082	1.081.620
228	MixiTIN	Bringing the paradigm for marine pelagic production into the 21st century: incorporating mixotrophy into mainstream marine research	MSCA	2	1	14	262.876	580.164	2.882.899
229	In-spire4Nature	International training at the Science-Policy Interface for Researchers in Europe, for Nature	MSCA	1	1	13	788.627	580.164	3.950.859
230	FoodSMART	Shaping Smarter Consumer Behaviour and Food Choice	MSCA	1	1	6	67.500	94.500	499.500
231	DiasporaLink	DiasporaLink	MSCA	1	2	26	9.000	103.500	571.500
232	PROTINUS	PROviding new insight INTO Interactions between soil fUNCTIONs and Structure	MSCA	5	2	13	117.000	31.500	175.500
233	FAB-MOVE	For a Better Tomorrow: Social Enterprises on the Move	MSCA	2	1	28	175.500	27.000	1.192.500
234	PEARL	Periodically bent crystals for crystalline undulators	MSCA	2	1	11	171.000	18.000	693.000
235	GHANA	The Genus Haslea, New marine resources for blue biotechnology and Aquaculture	MSCA	4	1	23	814.500	103.500	1.602.000
236	e.THROUGH	Thinking rough towards sustainability	MSCA	1	1	9	45.000	94.500	693.000
237	RENE-SENG II	Renewable systems engineering for waste valorisation ??	MSCA	2	2	13	18.000	90.000	666.000
238	HoNESt	History of Nuclear Energy and Society	NFRP	1	1	24	39.375	200.585	3.052.269
239	FASTNET	FAST Nuclear Emergency Tools (FASTNET)	NFRP	2	1	21	929.976	94.687	2.831.910
240	OpenAIRE2020	Open Access Infrastructure for Research in Europe 2020	RI	1	1	50	150.625	100.000	13.000.000
241	PRACE-4IP	PRACE 4th Implementation Phase Project	RI	1	1	27	1.821.669	291.021	15.000.000
242	BlueBRIDGE	Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue growth	RI	4	1	14	787.269	454.688	5.295.754
243	PRACE-5IP	PRACE 5th Implementation Phase Project	RI	1	1	27	1.658.145	244.598	15.000.000
244	EOSC-hub	Integrating and managing services for the European Open Science Cloud	RI	6	1	77	1.355.816	34.860	30.000.000
245	OpenAIRE-Advance	OpenAIRE Advancing Open Scholarship	RI	2	1	48	181.250	115.000	9.999.998
246	SINE2020	World class Science and Innovation with Neutrons in Europe 2020 – SINE2020	RI	2	2	19	3.301.206	840.373	10.863.447
247	EMBRIC	European Marine Biological Research Infrastructure Cluster to promote the Blue Bioeconomy	RI	7	1	31	3.081.501	171.511	9.041.611

248	ENVRI PLUS	Environmental Research Infrastructures Providing Shared Solutions for Science and Society	RI	6	1	37	3.876.039	67.250	14.683.534
249	RICH-FIELDS	Research Infrastructure on Consumer Health and Food Intake using E-science with Linked Data Sharing	RI	1	2	16	49.813	340.500	2.997.283
250	Brightness	Building a research infrastructure and synergies for highest scientific impact on ESS	RI	2	3	19	1.213.579	1.394.373	19.941.964
251	ELIXIR-EXCELERATE	ELIXIR-EXCELERATE: Fast-track ELIXIR implementation and drive early user exploitation across the life-sciences.	RI	4	1	44	1.008.246	1.107.500	19.051.482
252	EPOS IP	EPOS Implementation Phase	RI	4	2	48	2.409.213	282.375	18.374.344
253	INFRA-FRONTIER2020	Towards enduring mouse resources and services advancing research into human health and disease	RI	4	1	29	515.734	22.400	4.955.877
254	RINGO	Readiness of ICOS for Necessities of integrated Global Observations	RI	1	1	28	597.125	51.250	4.719.680
255	INSTRUCT-ULTRA	Releasing the full potential of Instruct to expand and consolidate infrastructure services for integrated structural life science research	RI	1	1	17	357.000	100.000	3.950.000
256	ACTRIS PPP	ACTRIS PPP - Aerosols, Clouds and Trace gases Preparatory Phase Project	RI	1	1	28	460.313	39.625	3.999.996
257	MARINERGI	Marine Renewable Energy Research Infrastructure	RI	1	1	14	215.050	69.500	1.999.799
258	Advance_eLTER	Advancing the European Long-Term Ecosystem, critical zone and socio-ecological Research Infrastructure towards ESFRI	RI	1	1	28	29.515	13.063	899.820
259	AQUA-EXCEL2020	AQUAculture infrastructures for EXCELLENCE in European fish research towards 2020	RI	4	1	23	1.846.225	309.193	9.708.867
260	iNEXT	Infrastructure for NMR, EM and X-rays for translational research	RI	3	1	25	768.800	92.750	9.999.534
261	IPERION CH	Integrated Platform for the European Research Infrastructure ON Cultural Heritage	RI	3	1	24	1.929.958	153.475	7.994.988
262	HYDRALAB-PLUS	HYDRALAB+ Adapting to climate change	RI	2	1	24	1.049.330	896.287	9.979.376
263	ERIGrid	European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out	RI	2	1	20	1.003.247	766.238	9.999.987
264	EPN2020-RI	EUROPLANET 2020 Research Infrastructure	RI	5	1	34	2.672.298	195.625	9.945.361
265	AHEAD	Integrated Activities for the High Energy Astrophysics Domain	RI	2	1	28	388.096	12.475	4.982.477
266	CALIPS-Oplus	Convenient Access to Light Sources Open to Innovation, Science and to the World	RI	3	1	19	1.781.839	221.339	9.997.539
267	OPTICON	Optical Infrared Coordination Network for Astronomy	RI	4	1	33	1.647.539	429.528	10.000.000
268	SeaData Cloud	SeaDataCloud - Further developing the pan-European infrastructure for marine and ocean data management	RI	3	2	56	1.400.094	257.500	9.999.738
269	TRAN-SVAC2	European Vaccine Research and Development Infrastructure	RI	4	1	26	1.134.436	601.445	10.599.993
270	ASSEMBLE Plus	Association of European Marine Biological Laboratories Expanded	RI	1	1	23	2.293.564	381.666	9.999.911
271	EPPN2020	European Plant Phenotyping Network 2020	RI	3	2	22	3.299.089	391.289	10.000.000
272	VetBio-Net	Veterinary Biocontained facility Network for excellence in animal infectiology research and experimentation	RI	3	1	28	2.236.471	220.584	9.999.141
273	AQUA-COSM	Network of Leading European AQUATIC MesoCOSM Facilities Connecting Mountains to Oceans from the Arctic to the Mediterranean	RI	2	1	21	841.454	570.746	9.999.805
274	MARINET2	Marine Renewable Infrastructure Network for Enhancing Technologies 2	RI	3	2	39	1.879.402	555.582	10.592.285
275	Smart-Cow	SmartCow: an integrated infrastructure for increased research capability and innovation in the European cattle sector	RI	3	1	14	1.305.950	587.554	4.999.944
276	ARICE	Arctic Research Icebreaker Consortium: A strategy for meeting the needs for marine-based research in the Arctic	RI	1	1	15	85.625	159.291	5.996.564

277	INSPIRE	INfraStructure in Proton International RE-search	RI	1	1	17	333.633	345.638	4.999.867
278	<IM-PACT> Connected Car	Impacting on the Emerging Connected Car VaLuE Chains	RI	3	1	17	473.988	131.644	4.999.821
279	INCluSilver	Innovation in personalised Nutrition through Cluster cooperation in the Silver economy	RI	1	1	9	520.063	485.225	4.115.121
280	C-VoU-CHER	Circularize VaLUe CHains across European Regional Innovation Strategies	RI	2	4	13	913.443	829.604	4.999.394
281	KET4CleanProduction	Pan-European Access for man. SME on tech. services for clean production through a Network of premier KET Technology Centres with one stop shop access incl. EEN and discourse with policy makers on RIS3	RI	1	1	20	149.825	101.935	4.898.510
282	PEER FOR EXCELLENCE	Peer learning on ways to enhance good practices in SME innovation support using the Seal of Excellence	RI	2	1	5	0	0	50.000
283	CoachCom2020	CoachCom2020 – a coaching community enhancing impact of the H2020 SME Instrument	RI	1	1	9	102.933	207.905	759.856
284	VIP4SME	Value Intellectual Property for SMEs	RI	2	1	20	388.790	95.256	2.998.892
285	Peer 4 Inno Manage	Peer Learning for Innovation Management in SMEs	RI	2	1	5	0	0	50.000
286	JPco-fund	ERA-NET for establishing synergies between the Joint Programming on Neurodegenerative Diseases Research and Horizon 2020	SC1	3	1	26	767.359	352.311	10.000.000
287	GCOF	A stepping stone approach towards the Genetics Clinic of the Future	SC1	1	1	13	72.544	70.000	1.195.106
288	PROEIP-AHA	PROEIPAH: Coordination, Support and Promotion activities in favour of EIPAH	SC1	1	1	16	70.164	37.795	1.949.997
289	JP-sustainIND	Coordination Action in support of the sustainability and globalisation of the Joint Programming Initiative on Neurodegenerative Diseases	SC1	3	1	17	610.563	217.548	2.043.284
290	JPI-EC-AMR	ERA-NET for establishing synergies between the Joint Programming Initiative on Antimicrobial Resistance Research and Horizon 2020	SC1	1	1	19	719.812	389.812	7.858.116
291	TBVAC2020	TBVAC2020; Advancing novel and promising TB vaccine candidates from discovery to preclinical and early clinical development	SC1	4	1	44	2.781.957	1.586.952	18.200.000
292	COMPARE	Collaborative Management Platform for detection and Analyses of (Re-)emerging and foodborne outbreaks in Europe	SC1	4	2	30	1.843.275	3.909.750	20.817.771
293	ASSESSCT	Assessing SNOMED CT for Large Scale eHealth Deployments in the EU	SC1	2	1	14	84.000	34.152	939.717
294	eStandards	eHealth Standards and Profiles in Action for Europe and Beyond	SC1	1	1	12	115.200	116.250	999.769
295	DOLO-Risk	DOLORisk: Understanding risk factors and determinants for neuropathic pain	SC1	1	2	12	538.349	542.016	5.981.220
296	PRO-CF-MED	Clinical Proof of concept for a RNA-targeting Oligonucleotide for a Cystic fibrosis-F508del MEDication	SC1	1	1	6	359.928	230.720	5.997.139
297	SHIPS	Screening to improve Health In very Pre-term infants in Europe	SC1	1	1	14	534.500	120.438	2.993.175
298	SITless	SITless: Exercise Referral Schemes enhanced by Self-Management Strategies to battle sedentary behaviour	SC1	1	1	7	233.094	802.919	4.547.560
299	EPoS	Elucidating Pathways of Steatohepatitis	SC1	1	3	12	1.012.318	371.756	5.985.521
300	EU-CaRE	A European study on effectiveness and sustainability of current Cardiac Rehabilitation programmes in the Elderly	SC1	1	1	11	587.901	656.066	5.593.049
301	I-MOVE-plus	I-MOVE+ Integrated Monitoring of Vaccines Effects in Europe: a platform to measure and compare effectiveness and impact of influenza and pneumococcal vaccines and vaccination strategies in the elderly	SC1	7	1	26	1.920.727	586.050	7.482.729

302	Euthy-roid	Towards the elimination of iodine deficiency and preventable thyroid-related diseases in Europe	SC1	1	1	32	11.270	272.964	2.999.949
303	BRIDGES	Breast Cancer Risk after Diagnostic Gene Sequencing (BRIDGES)	SC1	2	1	18	414.375	29.375	6.200.000
304	selfBACK	A decision support system for self-management of low back pain	SC1	1	2	7	793.094	861.705	4.920.873
305	EMPAT-TICS	EMpowering PATients for a BeTTER Information and improvement of the Communication Systems	SC1	1	1	10	563.828	606.703	2.800.000
306	EU-ToxRisk	An Integrated European 'Flagship' Program Driving Mechanism-based Toxicity Testing and Risk Assessment for the 21st Century	SC1	3	2	39	2.135.035	845.250	27.798.299
307	SVDs-at-target	Small vessel diseases in a mechanistic perspective: Targets for InterventionAffected pathways and mechanistic exploitation for prevention of stroke and dementia	SC1	2	1	13	845.375	555.375	5.998.300
308	COSYN	Comorbidity and Synapse Biology in Clinically Overlapping Psychiatric Disorders	SC1	1	2	14	225.000	150.000	5.925.000
309	REPRO-GRAM	Targeting epigenetic REPROGRaMMing of innate immune cells in Atherosclerosis Management and other chronic inflammatory diseases	SC1	1	1	11	225.000	255.000	5.250.000
310	EURO-CAS	EU eHealth Interoperability Conformity Assessment Scheme	SC1	1	1	16	27.250	91.563	995.288
311	Trillium II	Trillium Bridge II - Reinforcing the Bridges and Scaling up EU/US Cooperation on Patient Summary	SC1	1	1	20	47.000	202.500	1.000.001
312	HIVACAR	Evaluating a Combination of Immune-based Therapies to Achieve a Functional Cure of HIV Infection	SC1	2	1	15	775.512	816.250	6.685.111
313	STIPED	Transcranial brain stimulation as innovative therapy for chronic pediatric neuropsychiatric disorder – STIPED	SC1	2	1	12	564.751	176.436	6.195.231
314	EU-ROlink-CAT	EUROlinkCAT: Establishing a linked European Cohort of Children with Congenital Anomalies	SC1	2	1	22	94.945	642.878	7.348.073
315	IM-MUNOS ABR	Clinical proof of concept through a randomised phase II study: a combination of immunotherapy and stereotactic ablative radiotherapy as a curative treatment for limited metastatic lung cancer	SC1	1	1	17	157.231	1.078.408	5.994.176
316	Imple-MentAll	Towards evidence-based tailored implementation strategies for eHealth	SC1	1	2	19	249.438	1.385.022	5.999.170
317	HBM4EU	European Human Biomonitoring Initiative	SC1	1	4	38	4.950.543	3.184.938	49.933.776
318	MultiVi-Vax	Development of Effective Vaccines against Multiple Lifecycle Stages of Plasmodium vivax malaria	SC1	3	1	8	70.000	25.000	5.058.974
319	MultipleMS	Multiple manifestations of genetic and non-genetic factors in Multiple Sclerosis disentangled with a multi-omics approach to accelerate personalised medicine	SC1	1	1	22	7.125	318.584	14.721.453
320	PAPA-ARTIS	Paraplegia Prevention in Aortic Aneurysm Repair by Thoracoabdominal Staging with 'Minimally-Invasive Segmental Artery Coil-Embolization': A Randomized Controlled Multicentre Trial	SC1	4	1	22	794.628	60.688	5.913.923
321	LIFECY-CLE	Early-life stressors and LifeCycle health	SC1	1	1	18	342.921	617.353	9.957.602
322	Opti-MalVax	Optimizing a deployable high efficacy malaria vaccine	SC1	5	2	18	646.275	275.000	20.050.441
323	RECAP	RECAP: Research on European Children and Adults born Preterm	SC1	1	1	20	819.679	284.000	9.713.230
324	TracVac	Developing a Chlamydia Trachomatis vaccine	SC1	1	1	4	1.945.434	2.099.188	6.674.498
325	ESCAPE-NET	European Sudden Cardiac Arrest network: towards Prevention, Education and NEw Treatment	SC1	2	1	16	962.500	1.488.750	9.992.881
326	COUCH	Council of Coaches	SC1	2	1	8	657.500	471.875	3.704.000
327	ERA Per-Med	ERA-Net Cofund in Personalised Medicine	SC1	1	1	31	884.813	389.813	9.508.950
328	Im-munAID	Immunome project consortium for AutoInflammatory Disorders	SC1	7	1	24	6.389.310	342.500	15.835.851

329	MAXI-BONE	Personalised maxillofacial bone regeneration	SC1	4	1	12	2.668.070	302.800	5.949.665
330	PRE-STIGE-AF	PREvention of STroke in Intracerebral haemorrhAGE survivors with Atrial Fibrillation	SC1	1	1	12	312.500	112.500	6.958.896
331	TENSION	Efficacy and safety of thrombectomy in stroke with extended lesion and extended time window: a randomized, controlled trial	SC1	3	1	15	664.961	212.788	5.990.685
332	MOODST RATIO-FICATION	Immune Signatures for Therapy Stratification in Major Mood Disorders	SC1	2	1	12	987.188	480.500	5.963.750
333	R-LiNK	Optimizing response to Li treatment through personalized evaluation of individuals with bipolar I disorder: the R-LiNK initiative	SC1	8	2	21	4.070.336	618.750	7.702.532
334	EU-PolarNet	Connecting Science with Society	SC2	2	1	22	235.976	31.250	2.174.503
335	Sea-Change	Sea Change	SC2	2	1	17	506.438	101.500	3.494.876
336	AORAC-SA	Atlantic Ocean Research Alliance Support Action	SC2	1	1	9	200.000	994.000	3.447.000
337	COLUMBUS	COLUMBUS - Monitoring, Managing and Transferring Marine and Maritime Knowledge for Sustainable Blue Growth	SC2	2	3	26	272.979	327.773	3.997.488
338	UTOFIA	Underwater Time Of Flight Image Acquisition system	SC2	1	1	8	429.000	674.000	5.716.971
339	AtlantOS	Optimizing and Enhancing the Integrated Atlantic Ocean Observing System	SC2	12	4	63	6.528.107	855.435	20.652.921
340	NOMOR-FILM	Novel marine biomolecules against biofilm. Application to medical devices.	SC2	2	1	17	412.375	597.285	7.651.315
341	Prime-Fish	Developing Innovative Market Orientated Prediction Toolbox to Strengthen the Economic Sustainability and Competitiveness of European Seafood on Local and Global markets	SC2	2	1	16	395.328	157.221	4.997.913
342	CSA Oceans 2	Coordination action in support of the implementation of the Joint Programming Initiative on 'Healthy and Productive Seas and Oceans'	SC2	1	1	12	133.313	170.813	1.999.375
343	Clime-Fish	Co-creating a decision support framework to ensure sustainable fish production in Europe under climate change	SC2	1	1	21	123.920	109.530	5.000.000
344	CERES	Climate change and European aquatic RE-Sources	SC2	1	1	26	204.313	220.000	5.586.851
345	ATLAS	A Trans-Atlantic Assessment and deep-water ecosystem-based Spatial management plan for Europe	SC2	1	3	25	514.800	1.147.288	9.100.317
346	Blue-Action	Arctic Impact on Weather and Climate	SC2	2	5	43	644.935	1.564.648	7.500.000
347	INTAROS	Integrated Arctic observation system	SC2	3	4	41	1.198.198	2.953.613	15.490.067
348	GENIALG	GENetic diversity exploitation for Innovative macro-ALGal biorefinery	SC2	5	1	20	3.027.255	1.000.944	10.885.817
349	SE-AFOODT OMOR-ROW	Nutritious, safe and sustainable seafood for consumers of tomorrow	SC2	3	1	35	617.635	350.000	6.996.032
350	Nunata-ryuk	Permafrost thaw and the changing arctic coast: science for socio-economic adaptation	SC2	5	1	27	1.197.488	523.093	11.467.318
351	The Blue Growth Farm	Development and demonstration of an automated, modular and environmentally friendly multi-functional platform for open sea farm installations of the Blue Growth Industry	SC2	2	1	14	1.425.848	226.130	7.602.873
352	CLAIM	Cleaning Litter by developing and Applying Innovative Methods in european seas	SC2	2	2	19	221.075	989.744	5.654.786
353	FACCE-Evolve	FACCE-Evolve - Agriculture, Food Security and Climate Change Coordination and Support Action 2	SC2	1	1	11	725.375	0	2.000.000
354	FACCE SURPLUS	SUstainable and Resilient agriculture for food and non-food systems	SC2	2	2	24	424.997	361.061	5.000.000

355	AGRI-SPIN	Space for Agricultural Innovation	SC2	2	2	16	267.585	305.219	1.994.306
356	OK-Net Arable	Organic Knowledge Network Arable	SC2	1	2	17	118.556	373.738	1.936.628
357	ProBIO	Professional support to the uptake of bioeconomy RD results towards market, further research and policy for a more competitive European bioeconomy	SC2	1	1	8	252.531	179.875	1.588.159
358	DIABOLO	Distributed, integrated and harmonised forest information for bioeconomy out-looks	SC2	2	1	35	469.063	222.875	4.734.595
359	SusAn	European Research Area on Sustainable Animal Production Systems	SC2	2	1	37	588.111	271.376	5.000.000
360	ERA-HDHL	ERA-NET Biomarkers for Nutrition and Health implementing the JPI HDHL objectives	SC2	1	1	21	554.813	389.813	4.765.200
361	EUFRUIT	EU Fruit Network	SC2	3	1	22	220.891	279.875	1.734.238
362	ERA-GAS	ERA-NET for Monitoring and Mitigation of Greenhouse Gases from Agri- and Silvi-Culture	SC2	1	1	19	500.639	500.639	5.000.000
363	EuroDairy	A Europe-wide thematic network supporting a sustainable future for EU dairy farmers	SC2	2	2	21	229.740	132.960	1.997.238
364	PROIn-tensAfrica	Towards a long-term Africa-EU partnership to raise sustainable food and nutrition security in Africa	SC2	1	1	24	127.147	37.006	1.047.005
365	EuroMix	EuroMix	SC2	3	1	23	1.095.771	74.982	7.999.097
366	AquaSpace	Ecosystem Approach to making Space for Aquaculture	SC2	1	1	21	200.000	446.066	2.989.815
367	Feed-a-Gene	Adapting the feed, the animal and the feeding techniques to improve the efficiency and sustainability of monogastric livestock production systems	SC2	7	3	23	3.408.337	1.208.715	8.999.544
368	Discard-Less	DiscardLess – Strategies for the gradual elimination of discards in European fisheries	SC2	4	3	31	554.704	1.246.353	5.000.000
369	SUSFANS	Metrics, Models and Foresight for European Sustainable Food and Nutrition Security	SC2	2	1	16	408.745	145.575	4.999.993
370	Para-FishControl	Advanced Tools and Research Strategies for Parasite Control in European farmed fish	SC2	1	3	30	355.750	888.470	7.800.000
371	LAND-MARK	LAND Management: Assessment, Research, Knowledge base	SC2	2	1	22	455.514	493.300	4.999.663
372	SUFISA	Sustainable finance for sustainable agriculture and fisheries	SC2	1	2	14	482.750	324.270	4.863.662
373	PRO-TEIN2FOOD	Development of high quality food protein through sustainable production and processing	SC2	1	1	19	146.458	2.385.698	8.817.638
374	SOIL-CARE	Soil Care for profitable and sustainable crop production in Europe	SC2	1	2	28	193.223	380.563	6.999.993
375	TAPAS	Tools for Assessment and Planning of Aquaculture Sustainability	SC2	1	1	15	416.710	237.000	6.918.513
376	VIVALDI	Preventing and mitigating farmed bivalve diseases	SC2	4	1	21	1.380.644	78.469	4.503.083
377	CASA	Common Agricultural and wider bioeconomy reSearch Agenda	SC2	1	1	10	188.000	251.875	2.122.461
378	CORE Organic Cofund	Coordination of European Transnational Research in Organic Food and Farming Systems Cofund	SC2	2	2	26	345.873	584.084	4.999.998
379	Gen-TORE	Genomic management Tools to Optimise Resilience and Efficiency	SC2	5	2	21	1.900.715	697.500	7.000.000
380	CERERE	CEreal REnaissance in Rural Europe: embedding diversity in organic and low-input food systems	SC2	3	1	13	418.250	188.500	1.997.550
381	Eu PiG	EU Pig Innovation Group	SC2	2	1	19	172.725	204.625	2.000.000
382	SKIN	Short supply chain Knowledge and Innovation Network	SC2	1	2	22	91.781	104.663	1.999.719
383	Agri-Demo-F2F	Building an interactive AgriDemo-Hub community: enhancing farmer to farmer learning	SC2	1	2	15	156.738	89.625	1.985.364
384	FAirWAY	Farm systems that produce good Water quality for drinking water supplies	SC2	1	3	22	333.500	706.455	4.999.865

385	OK-Net EcoFeed	Organic Knowledge Network on Monogastric Animal Feed	SC2	1	1	11	205.944	297.313	1.990.369
386	NEXT-FOOD	Educating the next generation of professionals in the agrifood system	SC2	1	1	19	356.750	555.000	7.000.000
387	RU-BIZMO	Replicable business models for modern rural economies	SC2	1	2	16	270.709	470.750	3.928.852
388	ReMIX	Redesigning European cropping systems based on species MIXtures	SC2	5	2	23	1.650.834	500.000	5.000.000
389	LIVESEED	Improve performance of organic agriculture by boosting organic seed and plant breeding efforts across Europe	SC2	3	2	35	892.635	322.710	7.454.839
390	SoIACE	Solutions for improving Agroecosystem and Crop Efficiency for water and nutrient use	SC2	4	1	25	1.955.625	205.000	6.000.000
391	DIVERSify	Designing InnoVative plant teams for Ecosystem Resilience and agricultural Sustainability	SC2	1	3	24	46.224	1.068.309	4.999.364
392	EUCLEG	Breeding forage and grain legumes to increase EU's and China's protein self-sufficiency	SC2	5	1	38	1.410.871	164.125	5.000.000
393	MedAID	Mediterranean Aquaculture Integrated Development	SC2	4	3	34	568.694	560.658	6.999.996
394	IWMPRAISE	Integrated Weed Management: PRACTical Implementation and Solutions for Europe	SC2	4	5	37	994.315	1.388.703	6.600.746
395	TROPICSAFE	Insect-borne prokaryote-associated diseases in tropical and subtropical perennial crops	SC2	2	1	22	400.813	218.813	3.999.964
396	SafeConsumE	SafeConsumE: Safer food through changed consumer behavior: Effective tools and products, communication strategies, education and a food safety policy reducing health burden from foodborne illnesses	SC2	3	3	32	527.236	691.373	9.500.000
397	Perform-FISH	Consumer driven Production: Integrating Innovative Approaches for Competitive and Sustainable Performance across the Mediterranean Aquaculture Value Chain	SC2	3	1	28	519.786	256.288	6.997.061
398	LEGVALUE	Fostering sustainable legume-based farming systems and agri-feed and food chains in the EU	SC2	7	2	24	1.830.000	390.000	5.000.000
399	BREED-CAFS	BREEDing Coffee for AgroForestry Systems	SC2	4	1	16	1.768.101	523.000	4.200.000
400	PIGSs	Program for Innovative Global Prevention of Streptococcus suis.	SC2	1	2	9	150.625	390.890	4.998.104
401	SusCrop	ERA-NET Cofund on Sustainable Crop Production	SC2	2	2	32	435.617	351.880	5.000.000
402	VIVALDI	Veterinary Validation of Point-of-Care Detection Instrument	SC2	1	1	6	374.033	1.762.318	2.918.818
403	SMART-FISH	Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector	SC2	1	1	18	300.000	912.429	5.976.765
404	One Health EJP	Promoting One Health in Europe through joint actions on foodborne zoonoses, antimicrobial resistance and emerging microbiological hazards.	SC2	4	2	41	7.020.307	3.233.924	44.999.000
405	CIRCASA	Coordination of International Research Cooperation on soil Carbon Sequestration in Agriculture	SC2	3	1	23	666.000	125.000	2.499.874
406	RUST-WATCH	RustWatch: A European early-warning system for wheat rust diseases	SC2	4	4	24	966.273	1.614.403	4.999.999
407	RELACS	Replacement of Contentious Inputs in organic farming Systems	SC2	1	1	15	270.765	167.500	3.999.675
408	Nutri2Cycle	Transition towards a more carbon and nutrient efficient agriculture in Europe	SC2	1	1	19	191.813	566.909	6.850.051
409	PAN-DORA	Paradigm for Novel Dynamic Oceanic Resource Assessments	SC2	1	3	25	300.000	953.030	5.598.389
410	PoshBee	Pan-european assessment, monitoring, and mitigation Of Stressors on the Health of BEEs	SC2	4	1	42	1.756.395	81.095	8.999.999
411	IMPAQT	Intelligent management system for integrated multi-trophic aquaculture	SC2	2	1	21	449.938	458.500	5.883.180
412	Organic-PLUS	Pathways to phase-out contentious inputs from organic agriculture in Europe	SC2	2	2	25	293.056	566.629	4.091.526
413	BERTIM	Building energy renovation through timber prefabricated modules	SC3	3	1	15	1.132.579	3.940	4.148.435

414	Ren-talCal	Incentives through Transparency: European Rental Housing Framework for Profitability Calculation of Energetic Retrofitting Investments	SC3	1	2	11	168.699	229.291	1.996.766
415	SPP Regions	SPP Regions	SC3	1	2	13	70.194	211.095	1.492.459
416	ENER-FUND	An ENERGY Retrofit FUNDing rating tool	SC3	1	1	16	154.135	189.063	1.539.253
417	SCOOPE	Saving COOPerative Energy	SC3	1	1	10	274.441	112.563	1.796.004
418	HRE	Heat Roadmap Europe (HRE): Building the knowledge, skills, and capacity required to enable new policies and encourage new investments in the heating and cooling sector	SC3	1	2	15	134.103	598.325	1.946.043
419	ODYS-SEE-MURE	ODYSSEE-MURE, a decision support tool for energy efficiency policy evaluation.	SC3	2	1	37	362.583	43.190	1.794.538
420	REScoop Plus	REScoop Plus	SC3	1	1	12	121.875	115.356	1.498.938
421	EEPLI-ANT2	Energy Efficiency Compliant Products 2	SC3	1	1	19	58.865	93.985	2.856.213
422	INNO-VATE	Integrated solutionS for ambitiOus energy refurbishment of priVATE housing	SC3	2	1	13	441.767	213.507	1.999.850
423	ALDREN	ALLiance for Deep RENovation in buildings (ALDREN)Implementing the European Common Voluntary Certification Scheme, as back-bone along the whole deep renovation process	SC3	2	1	8	952.531	162.500	1.982.206
424	HotMaps	Heating and Cooling: Open Source Tool for Mapping and Planning of Energy Systems	SC3	1	3	16	155.195	491.655	2.332.804
425	ReUse-Heat	Recovery of Urban Excess Heat	SC3	3	2	16	395.633	248.754	3.998.062
426	InBetween	ICT enabled BEhavioral change ToWards Energy EfficieNt lifestyles	SC3	1	1	8	132.707	225.750	1.817.032
427	ECO-Binder	Development of insulating concrete systems based on novel low CO2 binders for a new family of eco-innovative, durable and standardized energy efficient envelope components	SC3	2	1	14	1.475.163	495.350	5.846.216
428	INNOVIP	Innovative multi-functional Vacuum-Insulation-Panels (VIPs) for use in the building sector	SC3	2	1	14	644.113	99.120	4.982.505
429	CA-EED 2	Concerted Action EED - Support to Member States and participating countries for the implementation of the Energy Efficiency Directive	SC3	1	1	30	152.368	53.178	4.696.182
430	GN4-2	GN4-2 Research and Education Networking - GÉANT	SC3	1	1	41	1.026.150	2.829.627	59.000.000
431	M4ShaleGas	M4ShaleGas: Measuring, monitoring, mitigating managing the environmental impact of shale gas	SC3	1	1	18	149.964	159.965	2.999.648
432	LIFES 50plus	Qualification of innovative floating sub-structures for 10MW wind turbines and water depths greater than 50m.	SC3	1	1	13	480.000	873.313	7.274.838
433	EcoSwing	EcoSwing - Energy Cost Optimization using Superconducting Wind Generators - World's First Demonstration of a 3.6 MW Low-Cost Lightweight DD Superconducting Generator on a Wind Turbine	SC3	1	1	9	999.708	1.527.029	10.591.734
434	ERANet Smart-GridPlus	ERA-Net Smart Grids Plus: support deep knowledge sharing between regional and European Smart Grids initiatives	SC3	1	1	24	1.396.800	282.644	13.511.432
435	pro-gRESsHEAT	Supporting the progress of renewable energies for heating and cooling in the EU on a local level	SC3	1	2	11	132.620	404.731	1.728.305
436	BABET-REALS	New technology and strategy for a large and sustainable deployment of second generation biofuel in rural areas	SC3	8	1	16	3.516.456	168.554	5.573.644
437	UPWAVE	Demonstration of a 1-MW wave energy converter integrated in an offshore wind turbine farm	SC3	2	2	9	1.394.184	12.134.471	20.722.490

438	SDHp2m	Advanced policies and market support measures for mobilizing solar district heating investments in European target regions and countries	SC3	2	1	15	337.179	150.688	1.919.298
439	PROMOTION	PROMOTioN - Progress on Meshed HVDC Offshore Transmission Networks	SC3	2	4	36	1.727.928	2.206.222	34.480.932
440	Biogas-Action	BiogasAction: Promotion of sustainable biogas production in EU	SC3	2	2	13	345.515	424.395	1.999.885
441	SmILES	Smart Integration of Energy Storages in Local Multi Energy Systems for maximising the Share of Renewables in Europe's Energy Mix	SC3	1	1	6	321.750	283.013	2.440.683
442	GEO-THERMICA	GEOTHERMICA - ERA NET Cofund Geothermal	SC3	2	1	18	1.856.872	724.738	8.589.210
443	GeoERA	Establishing the European Geological Surveys Research Area to deliver a Geological Service for Europe	SC3	1	1	49	553.484	811.932	10.000.000
444	BALANCE	Increasing penetration of renewable power, alternative fuels and grid flexibility by cross-vector electrochemical processes	SC3	1	1	8	502.426	500.000	2.500.596
445	MOSAIC	MODular high concentration SolAr Configuration	SC3	1	1	10	450.288	1.115.000	5.077.734
446	4REFINERY	Scenarios for integration of bio-liquids in existing REFINERY processes	SC3	1	1	8	737.375	929.255	5.965.474
447	ROMEO	Reliable OM decision tools and strategies for high LCoE reduction on Offshore wind	SC3	1	1	12	1.262.553	1.334.235	9.999.813
448	OCTAR-RAY	Scaling up to the Normandie Hydro Open-Centre Tidal Turbine Pilot Array	SC3	2	1	5	11.514.606	455.586	15.000.000
449	SECURE	Subsurface Evaluation of Carbon capture and storage and Unconventional Risk	SC3	3	1	17	1.395.244	492.673	8.450.608
450	HyFlex-Fuel	Hydrothermal liquefaction: Enhanced performance and feedstock flexibility for efficient biofuel production	SC3	1	3	10	316.559	1.767.161	5.038.344
451	DTOcean Plus	Advanced Design Tools for Ocean Energy Systems Innovation, Development and Deployment	SC3	5	1	15	2.476.016	531.875	6.689.077
452	PO-LYPHEM	Small-Scale Solar Thermal Combined Cycle	SC3	3	1	9	2.036.958	276.464	4.975.961
453	MAGNITUDE	Bringing flexibility provided by multi energy carrier integration to a new MAGNITUDE	SC3	3	1	16	999.259	280.000	3.999.058
454	EN SGplus-RegSys	A European joint programming initiative to develop integrated, regional, smart energy systems enabling regions and local communities to realize their high sustainable energy ambitions	SC3	2	1	24	859.022	429.511	12.415.542
455	GrowSmarter	GrowSmarter	SC3	1	1	41	0	99.531	24.820.974
456	SHAR-LLM	Sharing Cities	SC3	1	1	35	426.725	42.914	24.753.945
457	URBiNAT	URBiNAT - Healthy corridors as drivers of social housing neighbourhoods for the co-creation of social, environmental and marketable NBS	SC3	3	4	28	2.359.235	1.536.270	13.019.300
458	JOSPEL	Low energy passenger comfort systems based on the joule and peltier effects.	SC4	1	1	14	439.459	344.488	6.668.288
459	SUREAL-23	Understanding and measuring SUB-23 nm particle emissions from direct injection engines including REAL driving conditions	SC4	1	1	7	510.563	446.250	3.428.713
460	EMEurope	ERA-NET Cofund Electric Mobility Europe	SC4	1	1	21	59.813	798.618	9.167.596
461	ELVITEN	Electrified L-category Vehicles Integrated into Transport and Electricity Networks	SC4	2	1	21	522.800	200.625	7.840.649
462	LeanShips	Low Energy And Near to zero emissions Ships	SC4	5	1	49	2.280.913	63.700	16.726.364
463	Efficien-Sea 2	EfficienSea 2 - Efficient, Safe and Sustainable Traffic at Sea	SC4	2	14	32	692.500	4.881.594	9.795.318
464	HERMES	DEVELOPMENT OF SMART AND FLEXIBLE FREIGHT WAGONS AND FACILITIES FOR IMPROVED TRANSPORT OF GRANULAR MULTIMATERIALS. (HERMES)	SC4	1	1	9	388.875	315.091	6.705.209
465	CREATE	Congestion Reduction in Europe : Advancing Transport Efficiency (CREATE)	SC4	2	2	18	429.375	242.155	3.870.146

466	NO-VELOG	New cooperative business models and guidance for sustainable city logistics	SC4	1	1	29	91.410	103.125	4.413.842
467	SELIS	Towards a Shared European Logistics Intelligent Information Space	SC4	3	2	38	886.750	898.750	17.719.375
468	CIVITAS ECCENTRIC	Innovative solutions for sustainable mobility of people in suburban city districts and emission free freight logistics in urban centres.	SC4	1	1	30	0	206.441	17.356.348
469	C-Mobile	Accelerating C-ITS Mobility Innovation and deployment in Europe	SC4	3	2	38	860.089	657.000	12.575.000
470	FIBRE-SHIP	Engineering, production and lifecycle management for the complete construction of large length FIBRE based SHIPs	SC4	2	1	18	1.569.313	437.220	8.866.323
471	CityChangerCargoBike	CityChangerCargoBike	SC4	1	1	20	174.338	161.936	3.808.646
472	Handshake	Enabling the transferability of cycling innovations and assessment of its implications	SC4	1	1	19	250.888	415.375	4.859.094
473	HySeas III	Realising the world's first sea-going hydrogen-powered RoPax ferry and a business model for European islands	SC4	1	1	8	230.125	2.668.575	9.276.373
474	RESURBIS	REsources from URban Blo-waSte	SC5	1	1	22	110.388	299.865	2.996.689
475	Project O	Project Ô: demonstration of planning and technology tools for a circular, integrated and symbiotic use of water	SC5	2	2	23	994.311	511.238	9.261.272
476	ESMERALDA	Enhancing ecoSystem sERvices mApping for poLicy and Decision mAKing	SC5	1	1	37	68.125	66.125	3.002.166
477	CARISMA	Coordination and Assessment of Research and Innovation in Support of Climate Mitigation Actions	SC5	2	1	11	55.625	187.438	2.064.404
478	Blue Nodules	Breakthrough Solutions for the Sustainable Harvesting and Processing of Deep Sea Polymetallic Nodules	SC5	2	1	16	135.265	170.969	7.991.138
479	ERA-PLANET	The European network for observing our changing planet	SC5	1	1	38	384.600	336.500	11.000.000
480	MICA	Mineral Intelligence Capacity Analysis	SC5	4	1	18	339.276	367.796	1.998.955
481	ERA4CS	European Research Area for Climate Services	SC5	7	2	46	4.246.002	833.424	25.000.000
482	MERCES	Marine Ecosystem Restoration in Changing European Seas	SC5	1	1	28	144.999	249.750	6.651.118
483	AMBER	Adaptive Management of Barriers in European Rivers	SC5	2	1	21	307.000	397.311	6.020.173
484	SCREEN	Solutions for CRITICAL Raw materials - a European Expert Network	SC5	4	1	31	921.625	46.250	2.999.500
485	BE-OI	Beyond EPICA - Oldest Ice	SC5	2	1	14	612.000	38.000	2.223.000
486	IC4WATER	Tackling Water Challenges in the International Context	SC5	1	1	21	546.875	178.500	2.289.000
487	MARCO	Market Research for a Climate Services Observatory	SC5	3	2	11	508.594	339.863	1.520.304
488	SLIM	Sustainable Low Impact Mining solution for exploitation of small mineral deposits based on advanced rock blasting and environmental technologies	SC5	1	1	13	241.180	276.875	6.979.200
489	MinFuture	Global material flows and demand-supply forecasting for mineral strategies	SC5	2	1	17	29.250	147.188	999.710
490	NAIAD	Nature Insurance value: Assessment and Demonstration	SC5	4	2	23	991.219	395.860	4.994.370
491	H2020_Insurance	Oasis Innovation Hub for Catastrophe and Climate Extremes Risk Assessment	SC5	3	1	20	385.000	233.750	4.802.522
492	ORAMA	Optimising quality of information in RAW Materials data collection across Europe	SC5	1	1	16	159.880	132.728	1.731.230
493	SINCERE	Strengthening International Cooperation on climate change REsearch	SC5	2	2	21	75.000	282.750	2.224.225
494	Removal	Removing the waste streams from the primary Aluminium production and other metal sectors in Europe	SC5	1	1	27	939.313	78.679	11.481.599
495	RECONNECT	RECONNECT- Regenerating ECOSystems with Nature-based solutions for hydro-meteorological risk rEduCTion	SC5	2	5	35	508.839	1.894.630	13.520.690
496	ProSUM	Prospecting Secondary raw materials in the Urban mine and Mining waste	SC5	2	1	18	464.107	160.500	3.051.578

497	REFRESH	Resource Efficient Food and dRink for the Entire Supply cHain	SC5	1	1	26	342.930	172.344	8.999.758
498	NoAW	Innovative approaches to turn agricultural waste into ecological and economic assets	SC5	6	3	32	2.029.679	697.183	6.887.570
499	DECISIVE	A DECentralized management Scheme for Innovative Valorization of urban biowaste	SC5	3	1	13	2.304.050	902.585	7.755.102
500	UrBAN-WASTE	Urban strategies for Waste Management in Tourist Cities	SC5	3	3	27	383.590	471.263	4.248.783
501	Water-Works2014	Water Works 2014-2019 in Support of the Water JPI	SC5	1	1	27	0	679.689	5.749.755
502	KINDRA	Knowledge Inventory for hydrogeology research	SC5	1	1	6	371.832	163.250	1.108.669
503	PIANO	Policies, Innovation And Networks for enhancing Opportunities for China Europe Water Cooperation	SC5	1	1	9	125.041	210.750	1.107.375
504	Water-Works2015	Water Works 2016-2020 in Support of the Water JPI (WaterWorks2015) - Sustainable water use in agriculture, to increase water use efficiency and reduce soil and water pollution	SC5	1	1	33	505.176	504.639	6.267.995
505	INTE-GROIL	Demonstration of a Decision Support System for a Novel Integrated Solution aimed at Water Reuse in the Oil & Gas Industry	SC5	1	1	10	487.900	162.575	4.273.536
506	SIM4NEXUS	Sustainable Integrated Management FOR the NEXUS of water-land-food-energy-climate for a resource-efficient Europe	SC5	2	1	26	762.188	370.050	7.895.658
507	INCOVER	Innovative Eco-Technologies for Resource Recovery from Wastewater	SC5	1	3	18	289.938	1.153.529	7.209.032
508	TransSOL	European paths to transnational solidarity at times of crisis: Conditions, forms, role-models and policy responses	SC6	1	1	11	296.125	308.125	2.483.805
509	Re.Cri.Re	Between the representation of the crisis and the crisis of representation. How crisis changed the symbolic background of European societies and identities. Implication for policies and policy making	SC6	2	1	17	243.302	249.879	2.719.238
510	ENSUF	ERA-NET Cofund Smart Urban Futures	SC6	1	1	25	258.465	258.465	5.000.000
511	Hypatia	Hypatia	SC6	2	2	10	131.656	267.409	1.499.693
512	LIBRA	Leading Innovative measures to reach gender Balance in Research Activities	SC6	1	1	11	221.250	133.750	2.291.641
513	FEUTURE	The Future of EU-Turkey Relations. Mapping Dynamics and Testing Scenarios	SC6	1	1	15	150.355	180.128	2.497.985
514	MENARA	MIDDLE EAST AND NORTH AFRICA REGIONAL ARCHITECTURE: MAPPING GEOPOLITICAL SHIFTS, REGIONAL ORDER AND DOMESTIC TRANSFORMATIONS	SC6	1	1	14	130.625	284.306	2.401.944
515	CIMULACT	CITIZEN AND MULTI-ACTOR CONSULTATION ON HORIZON2020	SC6	1	1	29	214.688	525.913	3.299.702
516	STAR-BIOS 2	Structural Transformation to Attain Responsible BIOSciences	SC6	1	1	12	225.100	155.000	3.499.278
517	MARINA	Marine Knowledge Sharing Platform for Federating Responsible Research and Innovation Communities	SC6	1	1	14	230.000	174.375	2.999.944
518	HERA JRP UP	HERA Joint Research Programme Uses of the Past	SC6	1	1	25	43.478	160.496	5.000.000
519	DE-SIGNS-CAPIES	Building Capacity for Design enabled Innovation in Urban Environments	SC6	1	1	12	214.500	221.250	3.974.936
520	TROPICO	Transforming into Open, Innovative and Collaborative Governments	SC6	1	1	12	184.165	394.045	4.747.077
521	HERA-JRP-PS	HERA Joint Research Programme Public Spaces: Culture and Integration in Europe	SC6	1	1	25	600.000	200.000	5.000.000
522	Co-VAL	Understanding value co-creation in public services for transforming European public administrations	SC6	2	1	13	429.375	325.571	4.461.509
523	COGOV	Co Production and Co Governance: Strategic Management, Public Value and Co Creation in the Renewal of Public Agencies across Europe	SC6	1	1	10	378.168	528.305	4.483.899
524	DETECT	Detecting Transcultural Identity in European Popular Crime Narratives	SC6	3	5	18	391.166	434.601	2.518.444

525	PERICLES	PrEseRving and sustainably governing Cultural heritage and Landscapes in European coastal and maritime regions	SC6	2	2	10	272.525	995.743	2.498.999
526	ECHOES	European Colonial Heritage Modalities in Entangled Cities	SC6	1	1	6	300.750	305.835	2.461.890
527	DIAL	Dynamics of Inequality Across the Life-Course: structures and processes	SC6	1	1	18	646.800	154.110	5.000.000
528	SAFE-CARE	SAFEguard of Critical heAlth infrastructure	SC7	6	1	21	2.533.308	920.746	7.994.554
529	IMPRO-VER	Improved risk evaluation and implementation of resilience concepts to critical infrastructure	SC7	2	1	11	727.980	553.125	4.323.979
530	ES-PRESSO	Enhancing Synergies for disaster PRevention in the EurOpean Union	SC7	1	1	7	370.629	294.623	2.068.021
531	OCTAVE	Objective Control for TAlker VErification	SC7	1	1	12	333.536	425.570	4.406.116
532	DOGANA	aDvanced sOcial enGineering And vulNerability Assesment Framework	SC7	2	1	19	369.577	318.513	4.599.806
533	KONFIDO	KONFIDO - Secure and Trusted Paradigm for Interoperable eHealth Services	SC7	1	2	15	414.518	460.188	4.992.078
534	MINDb4 ACT	Mapping, IdentifyiNg and Developing skills and opportunities in operating environments to co-create innovative, ethical and effective ACTions to tackle radicalization leading to violent extremism	SC7	1	1	18	163.136	126.309	2.999.310
535	HEIM-DALL	HEIMDALL - MULTI-HAZARD COOPERATIVE MANAGEMENT TOOL FOR DATA EXCHANGE, RESPONSE PLANNING AND SCENARIO BUILDING	SC7	1	1	14	370.750	218.400	7.836.371
536	COPKIT	Technology, training and knowledge for Early-Warning / Early-Action led policing in fighting Organised Crime and Terrorism	SC7	1	1	16	272.750	379.275	4.986.974
537	EU-RAXESS TOP III	Making European research careers more attractive by developing new services and enhancing the current services of the EURAXESS network – EURAXESS TOPIII	SEAC	1	1	34	82.590	209.875	3.559.043
538	ME-AQUAS	Automated and objective characterization of comminuted meat properties for valorization of highquality processed meat	SME	1	1	3	0	50.000	50.000
539	Ne-wHORRIZON	Excellence in science and innovation for Europe by adopting the concept of Responsible Research and Innovation	SwafS ²	2	1	19	405.394	620.350	6.799.943
540	EU-RAXESS TOP IV	Open EURAXESS – To strengthen the effectiveness and optimize the services of all partners in an innovative and open EURAXESS network	SwafS	1	1	34	26.350	203.350	3.349.974
541	SISCODE	Society in Innovation and Science through CODEsign	SwafS	1	2	18	195.875	519.156	3.999.269
542	SCA-LINGS	Scaling up Co-creation: Avenues and Limits for Integrating Society in Science and Innovation	SwafS	1	1	10	209.455	472.688	3.999.871
543	RBI-TWINNING	Ru?er Boškovi? Institute: Twinning for a step forward of the Theoretical Physics Division	TWINN ³	1	1	5	136.859	18.628	999.988
544	CSRC	Center for STEAM Education Research, Science Communication and Innovation	WIDE-SPREAD ⁴	1	1	15	50.000	23.750	399.750
545	SLO-ACE	Slovenian Centre of Excellence for Agricultural Sciences	WIDE-SPREAD	1	1	3	118.750	119.000	399.650
546	Euth	Euth - Tools and Tips for Digital and Mobile Youth Participation in and across Europe	YOUNG	2	1	11	431.375	219.375	2.579.500
Total				1227	794	11112	515.836.682	293.836.292	4.138.556.174

Source: European Open Data Portal, 20/8/2018

² Science with and for society

³ Twinning

⁴ spreading excellence and widening participation