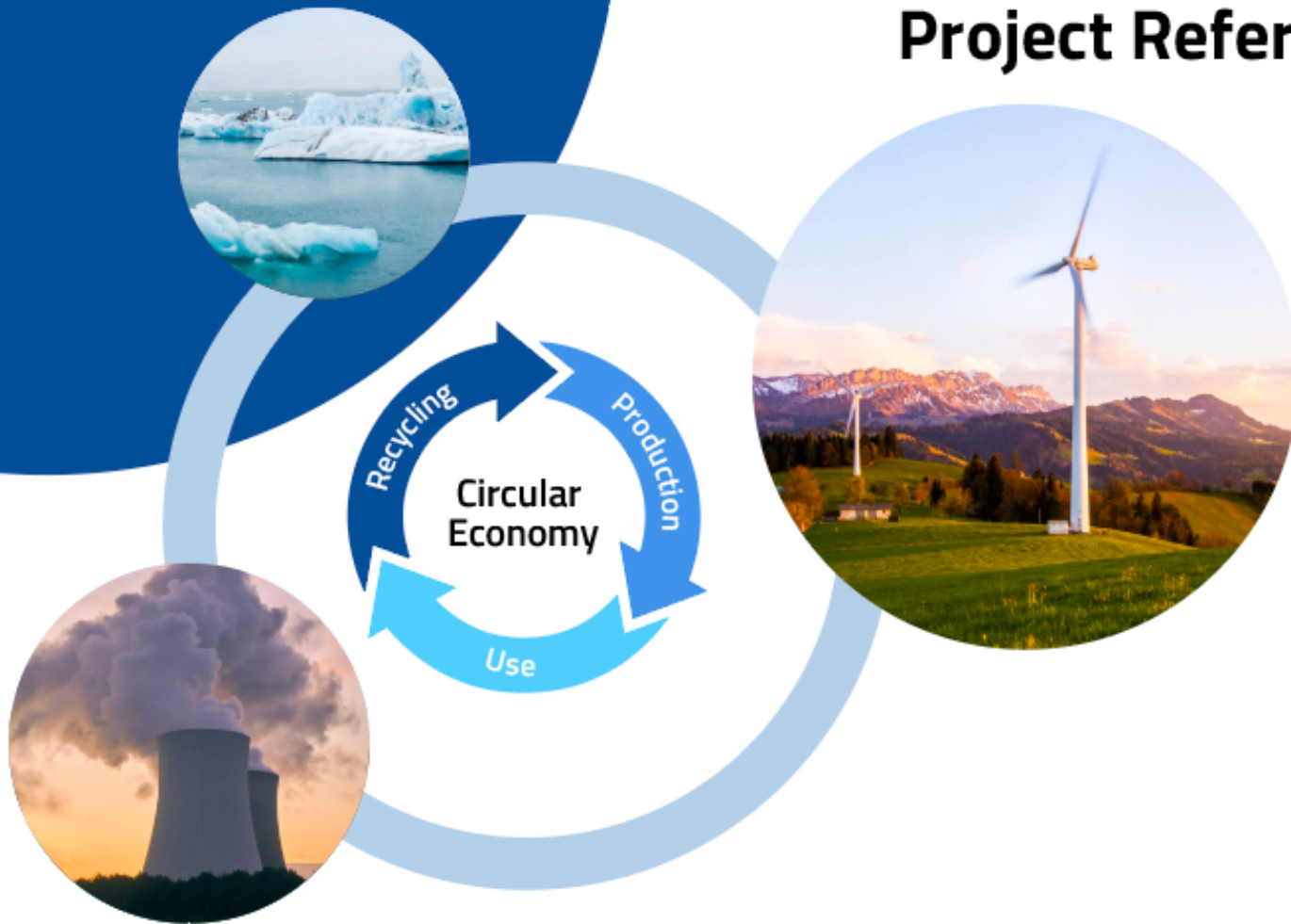


## Project References FTZ-NK



NO	PROJECT	PAGE
No 01	Study on technology, market and perspectives aspects beyond the growth in the use of renewable energies in Hamburg	01
No 02	German BIOGAS CROPS-Network	02
No 03	CLIMATE Online Conference (regular yearly event since 2008, 2009, 2010, 2011)	03
No 04	INSPIRE-Inspire School Education by Non-formal Learning	04
No 05	Renewable Energy Networks between Turkish and European Universities (RENET)	05
No 06	Banana Commercialisation and Agricultural Diversification (AGIL)	06
No 07	AUS-EUphe Australian-European Public Health Education	07
No 08	North Sea Skills Integration and New Technologies (SKINT)	08
No 09	Joint European-Latin American Universities Renewable Energy Project (JELARE)	09
No 10	From theory and plans to eco-efficient and sustainable practices to improve the status of the Baltic Sea (WATERPRAXIS)	10
No 11	Creative City Challenge (CCC)	11
No 12	Small Developing Island Renewable Energy Knowledge and Technology Transfer Network (DIREKT)	12
No 13	BIO_ICT Exploit	13
No 14	EE im Deutsch-Brasilianischen Wiss. & Technologietransfer	14
No 15	"German Cooperation with 7th Framework Programme"	15
No 16	Forschungsansätze zur Nachhaltigkeit und zum Schutz des Amaz. Regenwaldes (BMBF)	16
No 17	RECO Baltic 21 Tech (RB21T)	17
No 18	RECO Baltic 21 Net	18
No 19	Promoting Renewable Electricity Generation in South America (REGSA)	19
No 20	Network of Climate Change Technology Transfer Centres in Europe and Latin America (CELA)	20
No 21	Adapting agriculture to climate change: Developing promising strategies using analogue locations in Eastern and Southern Africa (CALESA)	21
No 22	Digital Agenda for the North Sea (DANS-cluster)	22
No 23	North Sea Region Electric Mobility Network (E-Mobility NSR)	23
No 24	Innovation Competencies Development (INCODE)	24
No 25	Rare Earth Tech	25
No 26	German-Polish Energy Efficiency Project (GPEE)	26
No 27	Planning for Energy Efficient Cities (PLEEC)	27
No 28	PreKNIGHT – Preparatory actions towards the knowledge network in green housing technologies in the Baltic Cities	28
No 29	Monitoring and Management of Flowing Rainwater in Baltic Sea Catchment Areas (BalticFlows)	29
No 30	LifeLong Learning for Energy security, access and efficiency in African and Pacific SIDS (L <sup>3</sup> EAP)	30

NO	PROJECT	PAGE
No 31	SSL-erate – Accelerate SSL Innovation for Europe	31
No 32	AFRHINET: An ACP-EU Technology-Transfer Network on Rainwater Harvesting Irrigation Management for Sustainable Dryland Agriculture, Food Security and Poverty Alleviation in sub-Saharan Africa	32
No 33	Capacity Enhancement to Integrate Ecosystem-based Adaptation into Sub-national Development Planning in Lao PDR (CEEbA)	33
No 34	Baltic Energy Net	34
No 35	“Digital Literacy in Sustainable Energy Production”	35
No 36	EARTHS	36
No 37	Cities Cooperating for Circular Economy FORCE	37
No 38	Klimaschutz Stipendium	38
No 39	Hamburg Open Online University (HOOU), various online courses	39
No 40	Climate Change and the Emergence of Zika Virus Disease in Fiji: Zika under a climate change and epidemiological perspective	40
No 41	Small Islands Developing States (SIDS) Online Course	41
No 42	WSD RTC	42
No 43	Waste Education Initiative (Waste-EI)	43
No 44	Digital Learning and E-mobility (online course)	44
No 45	The digital introduction of the Sustainable Development Goals (SDGs) into Higher Education Teaching (online course)	45
No 46	Learning Among Regions on Smart Specialisation LARS	46
No 47	BSR electric	47
No 48	CBSS- Reclaiming stormwater ecosystem services by education and multi-actor dialogue	48
No 49	NBS-ESA: Nature-based solutions for hydro-meteorological disaster risks reduction in European and South American cities	49
No 50	Sustainable tourism – Policy Maker edition (online course)	50
No 51	CCES-ESA	51
No 52	European School of Sustainability Science and Research	52
No 53	CliMap-HEALTH (online course)	53
No 54	BIO-PLASTICS EUROPE	54
No 55	Klima-GESUND	55
No 56	Climate 2020 (online conference)	56
No 57	HOOU CLIMATE 2020	57
No 58	ESIDA	58
No 59	HOOU IV – Sustainable Tourism	59

NO	PROJECT	PAGE
No 60	Climate Frame	60
No 61	Klima ROBUST	61
No 62	Klima-ACT!	62
No 63	Let's Talk Climate!	63
No 64	EU-Drones Sustain	64
No 65	Bioplastics Sustain	65
No 66	Peek4Health	66
No 67	Mediplast	67
No 68	Sustainable Tourism	68
No 69	Digital Learning for Health and Climate Change in Ukraine	69
No 70	Digital Learning for sustainable Development in Ukraine	70
No 71	Ukraine-Nature	71
No 72	Nachhaltige Labore	72
No 73	Ukraine Medwaste	73
No 74	Baltic approaches to handle plastic pollution under a circular economy context (BALTIPLAST)	74
No 75	Europe Land	75
No 76	BioRadar	76
No 77	KLIMA.kompetent	77
No 78	Ukraine Nature Network	78
No 79	LED Education	79
No 80	CheMatSustain	80
No 81	KLIM MENT	81
No 82	The digital introduction to the Sustainable Development Goals into Higher Education Teaching – regional aspects in implementing the SDGs from Brazil and South Africa (DITTS)	82
No 83	Shared and Digital Mobility Hubs (ShareDiMobiHub)	83
No 84	HAW.Resilient	84
No 85	RECC-LUM	85
No 86	NetCDA	86
No 87	Shared Gardens for Climate Change Adaptation (Jardins adaptés au climat)	87
No 88	Protecting critical infrastructures through resilience governance (KRITIS-Dialog)	88

NO	PROJECT	PAGE
No 89	Climate Change and Land-use in Moldova (CCLU-Moldova)	89
No 90	Innovating Agri-Food: Enhancing Public Awareness for a Sustainable Future (Inno-Agro-Sustain)	90

<b>Reference no 01:</b>	Project title: Study on technology, market and perspectives aspects beyond the growth in the use of renewable energies in Hamburg			Sector: post-secondary education, Energy	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Hamburg, Germany	380.000 Euro	Hamburg	European Social Funds	01/06/2006 to 30/06/2007
<b>Object and results of the action</b>					
<p>The goal of this project was to measure and analyse the growth in the renewable energy sector in Hamburg, which now faces a fast growth in the market and, as consequence, an increase in demand for qualified personnel. The study analysed the renewable energy sector and – through interviews with companies – the job market and offers suggestions for companies so they can better take in the local labour. Finally, the project evaluated the possibilities to organize training programs at Hamburg' universities.</p> <p>For this study, all companies in Hamburg that are active in the renewable energy area (500) were interviewed on the following elements:</p> <ul style="list-style-type: none"> <li>• Current trends in technical and legislative scope</li> <li>• Demand for current and future staff's qualification</li> <li>• Specific education and human resources training</li> <li>• Need for qualified staff</li> </ul>					

---

<sup>1</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



Reference no 2:	Project title: German BIOGAS CROPS-Network			Sector: post-secondary education, Energy	
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Hamburg, Germany	400.000	HAW is partner	German Federal Ministry for Education and Research	01/09/2005 to 31/08/2008
<b>Object and results of the action</b>					
<p>By amendment of the renewable-energy-law, the German Parliament “Bundestag” has decided to increase the share of renewable energy by the year 2020 up to 20 percent of the whole German electricity supply. Crop biomass can make a huge contribution to the production of biogas. Most suitable are special biogas crops. These biomasses can be used for mono-fermentation as well as for co-fermentation together with manure or other organic materials.</p> <p>The project aims to identify and develop scientific basics for the production of biogas from crop materials using mono-fermentation. This shall be done by a well-directed systematic analysis of the microbiological conversion of the material under consideration of the influence of pre-treatment and storage of the crop substrates, the formation of intermediates as well as the process control. The tests will be done by using different types of biogas crops, which differ considerably in structure and material composition and which have a high relevance for a practical usage in agricultural biogas plants.</p> <p>The network of participating institutes (10 German Universities and research institutes) develops a systematic basic research along the whole value-added chain: crop (energy accumulator) &gt; energy conversion process &gt; energy source</p> <p>These include amongst other</p> <ul style="list-style-type: none"> <li>• investigation of scientific basics for the development of a special pre-treatment for different biogas crops, which will be the basis for an efficient energetic utilisation of the biomass during the subsequent biogas process</li> <li>• research for the development of an optimal anaerobic digestion process for the utilisation of biogas plants based on the tests of different process designs</li> <li>• analysis of the microbial systems, their composition, dynamic of the population and formation of intermediates. The results will be used as basis for new control factors for biogas production from crop materials dependent on type of biogas crop, process design and variable process parameters.</li> <li>• development of mathematical design models for process specification, simulation and standardisation with the objectives of stabilisation, regulation and optimisation of the ic digestion process of biogas crops.</li> </ul>					



<sup>2</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 3:	Project title: CLIMATE Online Conference (regular yearly event since 2008, 2009, 2010, 2011)			Sector: Climate Change, Energy	
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Worldwide	Approx. 260 000	HAW	<b>2008:</b> Fondation Prince Albert II de Monaco, Daimler AG, KlimInvest GTZ (German Technical Cooperation), WMO; <b>2009:</b> Fondation PA II de Monaco, Daimler AG, BSU, KlimInvest, GTZ. <b>2010:</b> Fondation PA II, Daimler AG, gtz, KfW, BSU	<b>01/01/2008- 31/12/2009</b> w. conference from 1-5 Nov 2008 <b>01/01/2009 – 31/12/2009</b> w. conference from 2-6 Nov 2009 <b>01/01/2010 – 31/12/2010</b> w. conference from 1-7 Nov 2010 <b>01/01/2011-31/12/2011</b> w. conference from 7-12 Nov 2011
<b>Object and results of the action</b>					
<p>Although the subject matter of climate change is regarded as a critical issue and sound scientific knowledge is needed in order to address the problem in a holistic way, there is a paucity of events focusing on the different aspects of climate change. Therefore, an internet-based (and therefore largely CO<sub>2</sub>-neutral) scientific event concerned with approaches, methods, strategies, and other types of action needed in order to cope with the challenge of climate change has been organised: Climate 2008 was held from 3-7 November 2008 online, Climate 2009 was held from 2.-6. November 2009 online, offering a platform for gathering stakeholder, experts from scientific and policy background to discuss climate change and interact on a worldwide platform. Interactive features which are extending the actual platform are constantly added.</p> <p>The key aims of the CLIMATE conferences are:</p> <ul style="list-style-type: none"> <li>• to introduce the latest findings on scientific research on climate change, including elements related to its environmental, social, economic and policy aspects;</li> <li>• to introduce projects and other initiatives being undertaken in both industrialized and developing countries by universities and scientific institutions, government bodies, NGOs and other stakeholders;</li> <li>• to discuss the problems, barriers, challenges and chances and potentials related to the social, economic and political aspects of climate change worldwide.</li> </ul> <p>Last but not least, the CLIMATE series of online conferences will encourage more networking and information exchange among participants and hopefully catalyse new cooperation initiatives and possibly new projects.</p> <p>Online Conference on Climate Change participants / delegates: Researchers and Academics performing research and studies on aspects related to climate change; Companies; Social institutions concerned with climate change; NGOs and Associations; Government organizations such as Environment Ministries and Planning Committees; Banks, insurance companies, energy providers and other stakeholders whose activities are influenced by climate change.</p>					

<sup>3</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



Reference no 4:	Project title: <a href="#">INSPIRE-Inspire School Education by Non-formal Learning</a>			Sector: Education, Energy	
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Latvia, Poland	396.206	<ul style="list-style-type: none"> <li>- HAW Hamburg (Lead)</li> <li>- NaturGut Ophoven e.V. (Germany)</li> <li>- Daugavpils University (Latvia),</li> <li>- State Higher Vocational School in Racibórz (Poland)</li> </ul>	EU (Life Long Learning Programme / Comenius)	01/11/2007 to 31/10/2009
<b>Object and results of the action</b>					
<p>The EU-project "Inspire School Education by Non-formal Learning" (INSPIRE) fosters information and learning on renewable energy and climate change. The vision of the project INSPIRE is to improve the quality and attractiveness of in-service teacher training in an extracurricular context and by using new learning places. In addition to being a concrete project in the field of education for sustainable development, one unique feature of the project INSPIRE is that it reinforces the contribution of lifelong learning to social cohesion, active citizenship, intercultural dialogue, gender equality and personal fulfilment. The project partnership in Germany, Latvia and Poland will develop approaches, methods and materials which may be used in other countries in Europe and beyond. The main objective of the INSPIRE project is to create synergies and links between out-of-school places of learning and curricular learning, thus improving the base of knowledge of European pupils on matters related to education for sustainable development. In addition, it aims to prepare a set of materials which may support teacher training on renewable energy and climate issues, as well as test such materials with a view to a subsequent use in support of information education.</p> <p>The main target groups of INSPIRE are teacher training institutes, and non-formal education institutions such as museums and environment centres. It is expected that schoolteachers and education officers working in non-formal education outlets will access the new pedagogical methods developed as part of the project and use the practical information on teaching approaches here developed, which may optimise non-formal learning processes.</p>					



<sup>4</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 5:</b>	Project title: Renewable Energy Networks between Turkish and European Universities (RENET)		Sector: Energy, Post-secondary Education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Turkey, Germany, Sweden	464.974,52	Turkey: Bogazici (University (Lead); Akdeniz Üniversitesi; EU: Hamburg University of Applied Sciences (HAW), Hamburg/Germany; KTH Royal Institute of Technology, Stockholm/Sweden	EU – Central Finance and Contracts Unit Promotion of the Civil Society Dialogue Between EU and Turkey-Universities Grant Scheme	01/06/2008 to 30/11/2009
<b>Object and results of the action</b>					
<p><u>Overall objective(s):</u>  1) Improve mutual understanding between German, Swedish + Turkish universities in the field of renewable energy, with a focus on waste- to-energy, solar and biofuels, in order to promote information + technology transfer (TT), hence assist with implementation of sustainable (energy) policies.  2) Enhance the awareness of academic staff and foster capacity-building among academics in the EU and Turkey about the EU, and about EU policies and frameworks in the field of renewable energy.</p> <p><u>Specific objective(s):</u> Through innovation and TT, awareness-raising and capacity-building, the project tackles a perceived need for more interaction + co-operation between universities in the EU + Turkey on renewable energy, fostering the partnership between the two regions in a key area.  Target Group: Academic staff (lecturers, researchers) at institutions of higher education in Germany/Sweden (European Union) and Turkey. This target group consists of important stakeholders and multipliers for the promotion of renewable energies and sustainable development in general.</p> <p><u>Expected Results:</u> The target group benefits directly through improvements of management and technical capacity, information on state-of-the-art technology, networking, and knowledge of best practices on EU legislation, policies and other relevant frameworks. Project results can be replicated and extended, promoting the use of renewables and sustainable development</p> <p><u>Activities:</u> Understanding political frameworks (WorkPackage1), promotion of information and technology transfer (WP2), strategic capacity building via summer university (WP3), dissemination, networking and awareness raising (WP4) and overall project management (WP5) to ensure project success.</p>					

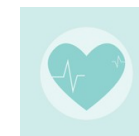
<sup>5</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 6:</b>	Project title: <a href="#">Banana Commercialisation and Agricultural Diversification (AGIL)</a>		Sector: Agriculture, Post-secondary Education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	St. Lucia	1.127.430,11	HAW Hamburg (lead), SALCC, St. Lucia (partner)	EuropeAid	01/01/2008 to 31/12/2010
<b>Object and results of the action</b>					
<p>The project consists of a set of initiatives related to human resource development and training in the agriculture sector, in order to assist the on-going efforts towards improving economic growth in St. Lucia. In methodological terms, it intends to do so by means of an assessment of the current state-of-affairs and training and information needs seen in the agricultural sector, combined with a comprehensive awareness-raising, training and consulting programme to raise its productivity. The project is targeted to a number of entrepreneurs (around 200), agribusinesses (around 20, e.g. members of the known and well-recognized St. Lucia Banana Grower's Association [SLBGA] and certified farmers) and around 20 agencies (e.g. the well-known SLBGA with country-wide operations, but also other, smaller certified farmer groups) on St. Lucia. The project also acknowledges the importance of non-traditional agricultural commodities, such as breadfruit, hot pepper, and mangoes, plantains, sweet potatoes and passion fruit as some of the means to achieve not only greater agricultural crop diversification, but also diversification of export crops into food crops.</p> <p>Main Activities are: Surveys, Researches, Training, Consulting, Network Establishment</p>					



<sup>6</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 7:	Project title: AUS-EUphe Australian-European Public Health Education		Sector: Industrialised Countries Instrument Education Cooperation Programme (ICIECP) – ICI Joint Mobility Project		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Denmark, Poland, Lithuania	413.800	Hamburg University of Applied Sciences (HAW) - Germany; Kauno Medicinos Universitetas (KUM)- Lithuania; Uniwersytet Jagiellonski (JU) – Poland; Syddansk Universitet (SDU) - Denmark	European Commission – DG Education and Culture Cooperation and International programmes	01/10/2008 to 30/09/2011
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To strengthen the cultural and educational knowledge base and to enhance mutual understanding in the field of international education and practice in public health.</p> <p><u>Specific objective:</u> To contribute to the advancement of international relations among faculties of public health by developing multicultural applicable teaching and learning approaches for tackling global health issues. The aim of this mobility project is to offer exchange of students and faculty members between the European and the Australian continent as the public health practice is in urgent need for development in international knowledge, competence, skills and leadership.</p> <p><u>Target Group:</u> Faculty members and students of all European Universities.</p> <p><u>Expected Outcomes:</u> 80 students will be trained in a multicultural atmosphere with improved understanding of global health challenges and therefore will have increased qualifications and competencies; Increased knowledge and international experience of 32 lecturers and administrative staff; Development of three modules with topics of international health, with particular focus on reducing inequalities in health and health care; Advanced curriculum provision through integration of topics of international health into educational and training programmes of all universities.</p>					



<sup>7</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 8:</b>	Project title: North Sea Skills Integration and New Technologies (SKINT)		Sector: Climate Change, Innovation, Water Management		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	The Netherlands, Germany, Great Britain, Norway	4.049.381	Hoogheemraadschap (NL) (Lead), Delft University of Technology (NL), Universität Sheffield (GB), Stadt Bradford (GB), Universität Abertay Dundee (GB), Nordik Institut für Wasserforschung (N), HAW Hamburg (GER)	INTERREG IV B North Sea Programme	01/10/2008 to 31/10/2012
<b>Object and results of the action</b>					
<p><u>Overall objective(s)</u>: Coupled with climate change and urbanization, the European Water Framework Directive (WFD) and the Flood Directive (FD) set clear goals about improving water quality and quantity. The Interreg IV B project SKINT aims to facilitate the implementation of sustainable urban land and water management by improving the integration of water management (ground + surface water) in spatial planning processes.</p> <p><u>Specific objective(s)</u>: SKINT will improve the implementation of the WFD and FD to contribute to the improvement of water quality in urban areas and, inter alia, the reduction of flood risk.</p> <p><u>Target Group</u>: Spatial planners, land managers, water managers, experts of tomorrow (students)</p> <p><u>Expected Results</u>:  Transnational analysis on communication between stakeholders in multidisciplinary urban land and water management processes; and on how to integrate water in urban land use projects;  Permanent web-portal for urban water and land use in Europe  Study to provide professionals with tools for decision-makers to choose sustainable solutions  Web-based and face-to-face training programme for future water and urban land use professionals</p>					



<sup>8</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 9:</b>	Project title: Joint European-Latin American Universities Renewable Energy Project (JELARE)		Sector: Energy, Post-secondary Education		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Latvia, Bolivia, Brazil, Chile, Guatemala	1.499.996,62	Partners: Rēzeknes Augstskola, Universidad Católica Boliviana, Universidade Do Sul de Santa Catarina, Universidad de Chile, Galileo Universidad	ALFA III EUROPEAID/126-821/C/ACT/RAL	28/11/2008 to 27/11/2011
<b>Object and results of the action</b>					
<p>Aim of JELARE is to foster innovative labour market-oriented educational &amp; research approaches in the field of Renewable Energy at Latin American and European Institutes of Higher Education</p> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>• To increase the capacity of HEI staff to modernise their educational and research programmes and activities</li> <li>• To develop and implement labour market-oriented research and educational approaches in the field of renewable energy</li> <li>• To strengthen the link of HEI with the labour market, business and public sector in the field of renewable energy</li> <li>• To establish a long-term EU-LA HEI partnership and network</li> </ul> <p>The expected outputs of JELARE are:</p> <ul style="list-style-type: none"> <li>• Renewable Energy Labour Market Survey</li> <li>• Teaching and Research Concepts for Renewable Energy</li> <li>• Teaching and Research Pilot Modules for Renewable Energy</li> <li>• University Staff Capacity Building Programme</li> <li>• Recommendation Report for European and Latin American Universities</li> <li>• International JELARE Network</li> </ul>					

<sup>9</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 10:</b>	Project title: From theory and plans to eco-efficient and sustainable practices to improve the status of the Baltic Sea (WATERPRAXIS)			Sector: Watermanagement	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Finland, Germany, Denmark, Poland, Lithuania, Sweden, Latvia, Russia	2.051.900	Partners: 1. Finnish Environment Institute (FIN) 2. North Ostrobothnia Regional Environment Centre (FIN) 3. National Environment Research Institute, University Aarhus (DK) 4. Municipality of Naestved (DK) 5. Environment Centre Nykoping F (DK) 6. Lodz Technical Universit (PL) 7. Kaunas University of Technology (LT) 8. Charity and Support Fund Sesupe Euroregion, Sakiai Office (LT) 9. Lulea University of Technology (SE) 10. Rezekne Higher Education Institution (LV)	EU – Interreg IV B Baltic Sea Region	01/01/2009 to 31/12/2011
<b>Object and results of the action</b>					
<p>Overall objective(s): Overall objective is to improve the status of the Baltic Sea by contributing to the practical implementation of measures chosen in the River Basin Management Plans in BSR.</p> <p>Specific objectives are to:</p> <ol style="list-style-type: none"> <li>1) identify and suggest improvements to present water management practices by analysing the contents and planning processes of RBMPs taking into account existing directives and legislation and new challenges such as climate change, upcoming marine policy and changing institutional set-ups</li> <li>2) establish local action plans for selected areas representing best practices and measures for water protection and public participation</li> <li>3) prepare investment plans (incl. technical and financing plans) for water protection measures for pilot areas in Poland, Lithuania, Denmark and Finland</li> <li>4) disseminate information of best practices and measures of water management via publications, seminars and websites</li> <li>5) offer education for planners of river basin management and environmental economy</li> </ol> <p>The main outcomes are:</p> <ul style="list-style-type: none"> <li>• Examples and guidelines of best water management practices for river basin planning on several levels (official river basin districts, single river basins, local investments) based on previous experiences from different countries and lessons learned in pilot studies of the project (published as report and on web);</li> <li>• Practical examples of good investment projects (published as report and on web);</li> <li>• Training courses for planners on general river basin management focusing on environmental economy;</li> <li>• Water protection action plans for pilot areas in some partner regions</li> <li>• Investment plans (incl. technical and financing plans) for water protection measures in pilot areas in Finland, Denmark, Poland and Lithuania. The investments will be realised during the extension stage to be proposed at the end of the project.</li> </ul>					

<sup>10</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 11:</b>	Project title: Creative City Challenge (CCC)		Sector: Creative industry, innovation		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Netherlands, Belgium, Denmark, Scotland, England, Sweden	4.149.941	Partners: Bremer Investitions-Gesellschaft mbH, Stadt Oldenburg, Kulturretage gGmbH, Gemeente Groningen, Delft University of Technology, Intercommunale Leiedal, HOWEST University College, Hoje-Taastrup Kommune, Dundee College, Newcastle City Council, TILLT	The Interreg IVB North Sea Region Programme	01/09/2009 to 31/08/2012
<b>Object and results of the action</b>					
<p>Innovation is vital to scientific development and economic growth. However, in order to be sustainable, innovation requires wider and transnational collaboration. The project Creative City Challenge (CCC) aims to identify, develop and test a powerful strategy supported by a range of instruments and methods.</p> <p>The project CCC aims are:</p> <p>(1) to foster creativity and innovation in the North Sea Region by unlocking the potential of creativity and innovation in each participant city, represented by business, economic development agencies, education institutions and local government and disseminate the results across the region;</p> <p>(2) to promote transnational activities in creativity and innovation as tools towards territorial integration and the achievements of the goals set in Lisbon and Gothenburg increasing the sustainability and competitiveness of the North Sea region, using e-learning blended learning, studies and benchmarking in order to obtain tangible outputs to be fed into local and regional strategies;</p> <p>(3) to contribute, by means of a set of pilot projects linking government, educational institutions and private businesses to a strong programme of transnational interchange of learning, materials and best practice on creativity and innovation.</p> <p>Of special interest will be the emphasis given to support to creativity and innovation in the participant cities.</p>					

<sup>11</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 12:</b>	Project title: Small Developing Island Renewable Energy Knowledge and Technology Transfer Network (DIREKT)		Sector: Energy, Post-secondary Education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Mauritius, Trinidad & Tobago, Fiji	1.168.479,59	Partners: University of Mauritius, The University of the West Indies, University of the South Pacific	EuropeAid/127860/D/AC T/ACP	28/11/2009 to 27/11/2012
<b>Object and results of the action</b>					
<p>The overall objectives for the DIREKT project are:</p> <ul style="list-style-type: none"> <li>• To strengthen the internal science and technology capacity in the field of applied science of ACP Small Developing Island States</li> <li>• To foster sustainable co-operations between the science and technology community with ACP and EU and within the ACP SDI's</li> <li>• to contribute to the transfer of research results of the key topic of renewable energies and hence assisting with the implementation of Technology Transfer Centres</li> </ul> <p>The specific objectives for the DIREKT project are:</p> <ul style="list-style-type: none"> <li>• To increase the capacity and to improve the quality of research within the scientific and technology community of ACP Small Developing Island states</li> <li>• To develop and establish a market-oriented research framework to better capitalise and disseminate research</li> <li>• To strengthen the link of ACP Small Developing Island states research community with the regional market, business and legislation (policy) in the field of renewable energy</li> <li>• To establish a long-term EU-ACP Small Developing Island states science and technology network</li> </ul> <p>The expected outputs are:</p> <ul style="list-style-type: none"> <li>• Establishment of a transnational EU-ACP Network</li> <li>• Establishment of SDI Research and Technology Transfer Centres for Renewable Energy</li> <li>• Transnational recommendation report</li> <li>• Research and technology transfer strategies</li> <li>• Pilot Projects running</li> </ul>					

<sup>12</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 13:</b>	Project title: <a href="#">BIO ICT Exploit</a>		Sector:		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		1.203.272	HAW Hamburg	FP7	01/10/2009 to 30/09/2011
Object and results of the action					

<sup>13</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 14:</b>	Project title: EE im Deutsch-Brasilianischen Wiss. & Technologietransfer		Sector:		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		9.262,57	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/02/2010 to 30/05/2010
<b>Object and results of the action</b>					

<sup>14</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 15:</b>	Project title: “German Cooperation with 7th Framework Programme”		Sector:		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		17.618	HAW Hamburg		01/07/2010 to 30/12/2010
<b>Object and results of the action</b>					

<sup>15</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 16:</b>	Project title: Forschungsansätze zur Nachhaltigkeit und zum Schutz des Amaz. Regenwaldes (BMBF)		Sector:		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		9.449	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/09/2010 to 31/05/2011
<b>Object and results of the action</b>					

<sup>16</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 17:	Project title: RECO Baltic 21 Tech (RB21T)		Sector: Waste management		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Sweden, Lithuania, Belarus, Latvia, Spain, Poland, Estonia	2.786.407	Partners: IVL Swedish Environmental Research Institute, Sustainable Business Hub, Kaunas University of Technology, Siauliai Region Waste Management Centre, Alytus Region Waste Management Centre, Belarussian Association of Environmental Management, Waste Management Association of Latvia, North Vidzeme Waste Management Organization Ltd., Ogre Municipality, Consell Comarcal Del Maresme, Universita of Gdansk, Estonian Regional and Local Development Agency, Estonian Institute for Sustainable Development	INTERREG IV B Baltic Sea Region Programme 2007-2013	01/10/2010 to 30/09/2013
<b>Object and results of the action</b>					
<b>Focus and aim</b>					
<ul style="list-style-type: none"> <li>• RB21T is a project aimed addressing the current problems seen in the field of waste management in the Baltic Sea Region, by fostering municipalities and regions to handle waste matters, meet the relevant EU-directives and prepare for investments in the BSR.</li> <li>• RB21T will directly target and assist 30 decision makers on local/regional and national level about to realize waste management investments, using the latest research and Best Available Techniques (BAT).</li> <li>• RB21T aims to play a substantial role in strengthening the Baltic Sea identity and to contribute to an integrated and competitive region, meeting both contemporary and future challenges.</li> </ul>					
<b>Expected results</b>					
<ul style="list-style-type: none"> <li>• The target for RB21T is to generate investments of 20 MEURO. The investments will make the BSR region more competitive by catalysing waste management investments and attracting more investors and funds to the region.</li> <li>• Together with its planned Joint Strategy, including the Investment Model and accompanied by a waste management institution, will create a good basis for increasing the competitiveness of the region but also for boosting the transferability of the results on all levels within the BSR, but also throughout Europe.</li> <li>• RB21T will establish a transnational and cross-sectorial platform for expertise exchange in waste management, which will increase the competitiveness of the region.</li> </ul>					

<sup>17</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 18:</b>	Project title: RECO Baltic 21 Net		Sector:		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)			HAW Hamburg		15/10/2010 to 10/09/2013
Object and results of the action					

<sup>18</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 19:</b>	Project title: Promoting Renewable Electricity Generation in South America (REGSA)		Sector: Energy, (Innovation)		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Bolivia, Brazil, Chile	1.835.050	Partners: Universidad Católica Boliviana, Universidade do Sul de Santa Catarina, Universidad de Chile	EUROPEAID/128320/C/ACT/Multi	13/10/2010 to 12/10/2014
<b>Object and results of the action</b>					
<p>The aims of REGSA are to contribute to the increasing use of renewable energy for electrical power generation in South American countries and to establish new electricity grids as well as to integrate renewable energy in existing electricity grids which is of great relevance for the socioeconomic development in South American countries</p> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>• To identify and disseminate (technical and socio-economic) potential of RE power generation in target countries</li> <li>• To raise the awareness and support the regional dialogue of regional public and private key actors and decision-makers about renewable electricity generation in target countries</li> <li>• To support selected pilot communities/regions in the development and implementation of viable renewable electricity generation projects</li> </ul> <p>The expected outputs of REGSA are:</p> <ul style="list-style-type: none"> <li>• Comparative Analysis of political and institutional framework and RE infrastructure</li> <li>• Best-practice cases for integration of RE in electricity grids in SA</li> <li>• Renewable Electricity Generation Scenarios</li> <li>• Renewable Electrical Energy Communities</li> <li>• Information events, Round tables</li> <li>• Capacity Building Programme</li> <li>• Awareness raising events (local, regional, international)</li> </ul>					



<sup>19</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 20:</b>	Project title: Network of Climate Change Technology Transfer Centres in Europe and Latin America (CELA)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Bolivia, Guatemala, Nicaragua, Peru, Estonia	1.561.391,08	Partners: Universidad Católica Boliviana/ Bolivia; Universidad Galileo/ Guatemala; Association of Commercial Sciences University/ Nicaragua; Pontificia Universidad Católica de Peru/ Peru; Tallinn University of Technology/ Estonia	EUROPEAID/129-877/C/ACT/RAL-1, ALFA III, Segunda Fase	16/12/2010 to 15/12/2013
<b>Object and results of the action</b>					
<p>The overall objectives of the CELA project are:</p> <ul style="list-style-type: none"> <li>• Improve the quality of research and technology transfer of LA universities</li> <li>• Strengthen the role of LA HEI in the sustainable socioeconomic development</li> <li>• Foster sustainable research and technology transfer cooperation's between HEI in LA and EU</li> </ul> <p>The specific objectives of the CELA project are:</p> <ul style="list-style-type: none"> <li>• To increase the capacity and to improve the quality of research within the scientific and technology community in LA and EU</li> <li>• To develop and establish a market-oriented research framework to better capitalise and disseminate research on climate change</li> <li>• To strengthen the link of EU+LA research communities with the regional market, business and legislation (policy) in the field of climate change</li> <li>• To develop and establish a market-oriented EU- LA network of Climate Change Technology Transfer Centres</li> </ul> <p>Expected results: Transnational report on market-oriented research and technology transfer, i.e. research and technology transfer strategies, Climate Change Research and Technology Transfer Centres and Network created, technology Transfer Pilot Projects implemented, regional + international capacity building seminars and study visits conducted. Broad international Dissemination of project results.</p>					



<sup>20</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 21:</b>	Project title: Adapting agriculture to climate change: Developing promising strategies using analogue locations in Eastern and Southern Africa		Sector: Agriculture, General Environment Protection		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Kenya, Zimbabwe	1.200.000	Partners: ICRISAT International Crop Research Institute for the Semi- Arid Tropics (Lead partner), Kenya Meteorological Department (KMD), Kenya Agricultural Research Institute (KARI), Zimbabwe Meteorological Department (ZMD), Midlands State	German Federal Ministry for Economic Cooperation and Development (BMZ)	01/01/2011 to 31/12/2013
<b>Object and results of the action</b>					
<p>The overall objectives of this project are: The project will test potential agricultural adaptation strategies for rain-fed agriculture in the semi-arid and sub-humid tropics. This will be achieved by using a combination of model-based ex-ante analyses and iterative field-based research on station and in farmers' fields. All in all, the project covers eight study locations: Four crop productions zones, hereof two in Kenya and two in Zimbabwe, will be chosen. Then corresponding spatial “analogue locations” for each production zone will be identified, providing a total of eight locations. Special attention will be paid to adaptation to temperature increases; altitudinal effects on mean air temperature will facilitate this.</p> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>• 4 important crop growing areas in Kenya and Zimbabwe identified and fully characterized – areas comprise cool/dry, cool/wet, warm/dry and warm/wet growing conditions</li> <li>• Crop-growth simulation models and participatory surveys with farmers to identify and quantify the implications of current and future (climate change) production risk at the study locations</li> <li>• Potential crop, soil and water management and crop genotype adaptation options evaluated and adaptation strategies formulated for the target locations</li> <li>• Strengthened institutional capacity (both in understanding climate change impacts and developing effective adaptation responses) through wide promotion and dissemination of project results as well as hands-on capacity-building</li> </ul> <p>Expected results: This project addresses in particular adaptation to progressive climate change with special emphasis on increasing temperature.</p>					



<sup>21</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 22:	Project title: Digital Agenda for the North Sea (DANS-cluster)				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Sweden, Belgium, United Kingdom, The Netherlands	750.000	Partners: Intercommunale Leiedal (BE), County Administrative Board of Värmland (S), Porism Ltd. (U.K), Hanze University Groningen (NL), Breitband des Bundes/Agency of Technology and Networking (AteneKOM) (D)	INTERREG IV B North Sea Region Programme	01/10/2011 to 31/03/2013
Object and results of the action					
<p>The overall objectives of this project are: The fields of creativity, innovation, digital services and e-government are central to the economic development of the European Union as well to its future policy until 2020. The Digital Agenda for Europe in particular is a key element of European policy which is of strategic value to the North Sea Region as well, due to the fact that services related to the Digital Agenda continuously generate employment, fight social exclusion and contribute to economic development and territorial cohesion. The DANS cluster project, which connects the three INTERREG projects “Creative City Challenge”, “E-CLIC” and “Smart Cities” aims to contribute to the development of the Digital Agenda in the North Sea Region</p> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>• To establish a cluster on creativity and innovative products and services</li> <li>• To foster transnational creative and innovative technology-based services for the citizens of the NSR in an integrated manner</li> <li>• To develop a joint North Sea Region strategy on creative and innovative technology-based services and products</li> </ul> <p>Expected results: The expected results are the wider promotion of the results of the above mentioned three INTERREG IVB NSR projects, to further develop the so-called Citadel initiative as input to the informal EU e-Government Summit, to promote the Smart Cities ESD toolkit – a joint service list for EU services, the development of a good practice guide with selected results from the three projects and the development of a DANS model for the implementation of the Digital Agenda in the North Sea Region.</p>					

<sup>22</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 23:	Project title: North Sea Region Electric Mobility Network (E-Mobility NSR)				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Denmark, Sweden, The Netherlands, United Kingdom, Norway, Belgium	6.693.532	Partners: FDT – Association of Danish Transport and Logistics Centres (DK); Lindholmen Science Park (SE); Delft University of Technology (NL); WFB Wirtschaftsförderung Bremen GmbH (DE); Høje-Taastrup Municipality (DK); Northumbria University (UK); Province of North Holland (NL); Cities Institute, London Metropolitan University (UK); Zero Emission Resource Organisation - ZERO (NO); Flanders Region represented by TransEnergy (BE)	INTERREG IV B North Sea Region Programme	01/10/2011to 30/09/2014
Object and results of the action					
<p>The overall objectives of this project are: The main aim of the project is to increase accessibility by fostering e-mobility and stimulating the use of public and private electric car transport, as well as freight, across the NSR region. The specific objectives are:</p> <ul style="list-style-type: none"> <li>• To provide state of the art information which may help policy development in e-mobility in the NSR</li> <li>• To provide insight on gaps and needs in respect of infra-structure, logistics, and preliminary standards for multi charging techniques</li> <li>• To develop a NSR smart grid concept with charging points, hence increasing accessibility in the region</li> <li>• To provide a long-term basis upon which regional and local governments as well as other relevant stakeholders in the NSR may engage on e-mobility, among others by creating physical or virtual e-mobility information centres in each participating region or city</li> </ul> <p>Expected results: To develop the conditions to steer current and future developments, connect the various networks to form a true transnational “backbone” or “grid” within the NSR for e-mobility and increase accessibility in the region.</p>					

<sup>23</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 24:</b>	Project title: Innovation Competencies Development (INCODE)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Finland, Belgium, Spain	397.446	Partners: Turku University of Applied Sciences (FI), Karel Grote Hogeschool (BE), Universidad Politecnica de Valencia (E)	EU (Lifelong Learning Programme / Erasmus)	01/10/2011 to 30/11/2013
<b>Object and results of the action</b>					
<p>The overall objectives of this project are: One of the important tasks in the changing world and requirements is to make it possible to monitor the change and present methods used in the universities so that present students are educated to be future innovative professionals. In their future professions they have to be able to participate in the development of working life processes in an innovation enhancing way.</p> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>• To design and validate a measuring tool: The Innovation Competencies Barometer (ICB)</li> <li>• The Innovation Competencies Barometer (ICB) is needed to measure usefulness of new R&amp;D based learning methods. The results gained by the ICB will help education policy makers and directors in universities in forthcoming learning methodology related decision-making situations.</li> <li>• To produce research-based knowledge on the achievement of innovation competencies generated by new experimental R&amp;D based learning methods</li> </ul> <p>Expected results: The key question is to define the innovation competencies and a measuring tool, the ICB, for assessing them. Also the best methods which should be used when aiming to the development of these competencies should be found. The REHA method, investigated in the INCODE project, will be one value adding method when moving towards the European Union aims.</p>					

<sup>24</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 25:</b>	Project title: <a href="#">Rare Earth Tech</a>				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		60.592	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/12/2011 to 31/12/2012
Object and results of the action					

<sup>25</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 26:</b>	Project title: German-Polish Energy Efficiency Project (GPPEE)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany Poland	299.728,80	HAW Hamburg (lead), Envidatec GmbH, Germany (partner) Technical University of Lodz (TUL), Poland (partner) Sto-ispo sp. z o.o., Poland (partner)	Federal Ministry of Education and Research, Germany and Ministry of Science and Higher Education, Poland	01/03/2013 to 29/02/2016
<b>Object and results of the action</b>					
<p>The central focus of the project is to develop climate protection technologies to increase energy efficiency, by means of fostering energy efficiency in buildings and through the development of innovative approaches to facade technology, to achieve the goal of "zero-emission" buildings. In order to ensure consistency and based on the principle of equal partnership, the project objectives to be achieved in Poland and in Germany are the same.</p> <p>These are as follows:</p> <ul style="list-style-type: none"> <li>• to identify current and future technological requirements for energy efficiency in buildings, so as to reduce CO2 emissions and make them more sustainable;</li> <li>• to measure current deficits in energy efficiency in both countries and to develop technologically based integrated renewable energy systems, with a view to maximise the use of daylight and other factors contributing to more climate-friendly buildings;</li> <li>• to develop a set of criteria for optimisation (energy and functionality) based on building performance simulations and to suggest possible architectural solutions, including the construction of optimized, external wall systems for buildings</li> </ul> <p>The activities and expected results are:</p> <ul style="list-style-type: none"> <li>• Identification of current and future technological requirements in energy efficiency in buildings, including forecasts for future market development (market recognition)</li> <li>• Survey of energy efficiency and reductions of CO2 emissions in a sample of buildings in Germany and in Poland</li> <li>• Double criterion optimisation of integrated Renewable Energy Systems (RES) and daylight utilization</li> <li>• Technology, technical solution and construction of optimized, external wall system</li> <li>• Practical application and long-life testing</li> </ul>					

<sup>26</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 27:	Project title: Planning for Energy Efficient Cities (PLEEC)				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Sweden, Finland, Estonia, Denmark, Netherlands, Germany, Austria, Spain, France, United Kingdom, Lithuania, Slovenia, Bulgaria	4.490.717,96	Lead: Eskilstuna Energy and Environment (SE) Partners: Eskilstuna City (SE), Mälardalen University (SE), Turku City (FI), Turku University of Applied Sciences (FI), Tartu City (EE), Stoke-on-Trent City (UK), Hamburg University of Applied Sciences (DE), Vienna University of Technology (AT), University of Copenhagen (DK), Delft University of Technology (NL), University of Rousee (BG), LMS IMAGINE (FR), Smart Technologies Association SMARTTA (LT), Santiago de Compostela City (ES), Santiago de Compostela University (ES), Jyväskylä City (FI), University of Ljubljana (SI)	FP7	01/04/2013 to 31/03/2016
Object and results of the action					
<p>The PLEEC project uses an integrative approach to achieve the sustainable, energy-efficient, smart city. By coordinating strategies and combining Best Practices, PLEEC will develop a general model for energy efficiency and sustainable city planning. By connecting scientific excellence and innovative enterprises in the energy sector with ambitious and well-organized cities, the project aims to reduce energy use in Europe in the near future and will therefore be an important tool contributing to the EU's 20- 20-20 targets.</p> <p>The main objectives of the project are:</p> <ul style="list-style-type: none"> <li>• To assess the energy-saving solutions and potentials to be integrated in a comprehensive city planning</li> <li>• To demonstrate how integrative planning is more efficient than separate measures</li> <li>• To develop a synergized model for energy efficiency planning by considering the energy efficiency potential of city key aspects</li> <li>• To create Action Plans to be presented to decision-makers in the cities</li> <li>• To identify the future research agenda on the issue of energy-smart cities</li> </ul>					

<sup>27</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 28:</b>	Project title: PreKNIGHT – Preparatory actions towards the knowledge network in green housing technologies in the Baltic Cities				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		42.474,50	HAW Hamburg	EUSBSR Seed Money Facility	24/06/2013 to 23/08/2014
<b>Object and results of the action</b>					
<p>The network project PreKNIGHT (Preparatory actions towards the knowledge network in green housing technologies in the Baltic Cities) brings Finnish, Russian and German partners together to develop a knowledge network in the area of green housing technologies. The goal of the project is a large-scale competitive project proposal focusing on resources- and energy efficiency in the building sector.</p>					

<sup>28</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 29:</b>	Project title: Monitoring and Management of Flowing Rainwater in Baltic Sea Catchment Areas (BalticFlows)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Finland, Estonia, Hamburg, Latvia, Sweden	2.947.617,60	Finland: University of Turku (UTU), Turku University of Applied Sciences (TUAS); Estonia: Cleantech Estonia NPO; Hamburg: Hamburg University of Applied Sciences; Latvia: Latvian Environmental Fund (LVIF), Riga Planning Region (RPR); Sweden: Uppsala University (UU), Uppsala County Administrative Board (UCAB)	FP7-Regions- 2012-2013-1	01/10/2013 to 30/09/2016
<b>Object and results of the action</b>					
<p>The overall objectives of this project are:</p> <ul style="list-style-type: none"> <li>To lay the foundation for development of new capacities and policies for effectively monitoring and managing the quality and quantities of rainwater moving from one place to the next</li> <li>To enhance research and RTD capacities in participating regions in the fields of urban stormwater management monitoring and management to boost economic growth via evolution of regional research-driven clusters into regions of smart specialisation.</li> </ul> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>To gain further insight into the opportunities and challenges of water monitoring methods, techniques and technologies, resulting in a European research agenda for fostering new easy-to access water quality monitoring solutions for non-expert use.</li> <li>To increase understanding on leveraging citizen activity in grass-root level water quality monitoring</li> <li>To boost competitiveness on best practices and in the monitoring and management of urban stormwater in Baltic Sea catchment areas</li> <li>To create a network of five research-driven European clusters, working together with an international support network, and evolving towards smart specialisation regions in the fields of rainwater monitoring and management</li> <li>To develop a world-class research and sustainable profitable business in the rainwater monitoring and management sector in the research-driven clusters, via exporting expertise and solutions to European and international regions in need of effective methods and tools for effective water management</li> </ul> <p>Expected Results:</p> <p>To bring forth the technological and economic vision that will enable European regions to achieve world-class excellence and sustainable competitive edge in rainwater monitoring and management. New development of sustainable business and innovation in the field of urban water management and monitoring, RTD strategies for smart growth via smart specialisation of water management technologies, methods, and strategies.</p>					

<sup>29</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 30:</b>	Project title: Life Long Learning for Energy security, access and efficiency in African and Pacific SIDS (L <sup>3</sup> EAP)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Mauritius, Fiji	583.274,12	Lead: Hamburg University of Applied Sciences (HAW) Partners: University of Mauritius, The University of the South Pacific	EuropeAid / 132-657/L/ACT/ LA	11/10/2013 to 10/10/2016
<b>Object and results of the action</b>					
<p>The overall objectives for the L<sup>3</sup>EAP project are:</p> <ul style="list-style-type: none"> <li>- Strengthen the capacity of ACP HEI at academic level to provide high level skills for the energy labour market in order to foster energy security and enhance energy efficiency and the use of renewable energy</li> </ul> <p>The specific objectives for the L<sup>3</sup>EAP project are:</p> <ul style="list-style-type: none"> <li>- to develop labour market oriented lifelong learning concepts for the education of staff of public and private sector to meet the challenges of regional and national energy supply</li> <li>- to increase the academic and management capacity of university staff to modernise their educational and research programmes and activities so as to build capacity to foster energy security and enhance energy efficiency and the use of renewable energy</li> <li>- to establish a long-term partnership and network between European and ACP universities in an area of strategic technological importance and economic value</li> </ul> <p>The expected outputs are:</p> <ul style="list-style-type: none"> <li>- Improved understanding of the LLL needs of the energy sector</li> <li>- LLL Study programme in high-level skills required by labour market developed</li> <li>- Joint Pilot study programme in high-level skills required by labour market delivered</li> <li>- Improved capacity of university staff to implement LLL for the energy sector</li> <li>- Increased international transfer of knowledge and networking with local and international stakeholders</li> </ul>					

<sup>30</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



Reference no 31:	Project title: SSL-erate – Accelerate SSL Innovation for Europe				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Netherlands, Sweden, Belgium, Spain, France, Lithuania, Italy, Finland, United Kingdom, Switzerland, Germany, Denmark, Norway	EUR 4.639.731	Lead manager: Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek (TNO) Partners: Lunds Universitet (LU), LightingEurope AISBL (LE), Fundación ESADE (ESADE), Association LUCI Lighting Urban Community International (LUCI), Cluster Lumiere Association (CL), Luce in Veneto Scarl (LiV), Katholieke Universiteit Leuven (KU Leuven), Cluster D’Il-Luminacio De Catalunya – Cicat (CICAT), Danmarks Tekniske Universitet (DTU), Stichting Syntens – Innovatienetwerk Voor Ondernemers (SYNTENS), University College London (UCL), Vilniaus Universitetas (VU), Universitaet Basel (UNIBAS/UPK), Aalto-Korkeakouluosaatio (AALTO), Rijksuniversiteit Groningen (RuG), Malmo Stad (Malmö), Comune Di Bassano Del Grappa (Bassano), Hochschule Fuer Angewandte Wissenschaften (HAW), Stavanger commune (Stavanger), Gemeente Eindhoven (Eindhoven), The Chancellor – Masters and Scholars of the University of Oxford (UOXF), Revo Media Partners Limited (RMP), Ludwig-Maximilians-Universitaet Muenchen (LMU)	FP7	01/11/2013 to 31/10/2016
<b>Object and results of the action</b>					
<p>The overall objectives of the SSL-erate project are:</p> <ul style="list-style-type: none"> <li>- Accelerate the uptake of high-quality SSL technology in Europe by means of open innovation with and by bringing validated information to all relevant stakeholders</li> </ul> <p>The specific objectives for the SSL-erate project are:</p> <ul style="list-style-type: none"> <li>- Resolve the specific challenges of the Lighting industry: poor SSL quality, lack of information and awareness among citizens</li> <li>- Enable lighting solutions with a societal and environmental sustainability perspective</li> </ul> <p>The expected outputs are:</p> <ul style="list-style-type: none"> <li>- Web-based SSL-erate Innovation platform</li> <li>- Accelerate innovation process by applying validated insights on ‘green business development’ and ‘lighting effects on health &amp; well-being’ in SSL business experiments</li> <li>- Leading Europe to a global leadership in SSL systems and solutions</li> </ul>					

<sup>31</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 32:</b>	Project title: AFRHINET: An ACP-EU Technology-Transfer Network on Rainwater Harvesting Irrigation Management for Sustainable Dryland Agriculture, Food Security and Poverty Alleviation in sub-Saharan Africa				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Ethiopia, Kenya, Mozambique, Zimbabwe and Germany	1.176.433,44	<b>Ethiopia:</b> Addis Ababa University and Water-Aid Ethiopia; <b>Kenya:</b> University of Nairobi and World Agroforestry Centre (ICRAF); <b>Mozambique:</b> Eduardo Mondlane University National Institute for Disasters Management (INGC) and the National Directorate of Water (DNA); <b>Zimbabwe:</b> University of Zimbabwe and International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)	ACP (S&T II)	01/03/2014 to 28/02/2017
<b>Object and results of the action</b>					
<p>The overall objectives of this project are:</p> <ul style="list-style-type: none"> <li>- To foster endogenous sustainable and self-replicable scientific and technological (S&amp;T) capacities in the field of rainwater harvesting irrigation (RWHI) management and sustainable dryland agriculture; to boost the transfer and the adoption of research results by means of the implementation of Research and Technology-Transfer Activities and Demonstration Actions of innovative RWHI management; to foster efficient cooperation and networking; to contribute to improved food and water security, poverty alleviation, socio-economic and climate resilience, and environmental sustainability</li> </ul> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>- to foster S&amp;T capacities on RWHI, the quality of research and the capacity to attract funding of S&amp;T community</li> <li>- to set-up a market-oriented research and technology-transfer framework to better capitalise and disseminate innovative research results</li> <li>- to develop the capacity of the S&amp;T community and local communities to practically implement adequate RWHI management</li> <li>- to strengthen the link of S&amp;T communities with the regional market, businesses/micro-enterprises, non-governmental actors, policy-making and local communities</li> <li>- to establish a long-term ACP-EU network on RWHI</li> <li>- to disseminate, transfer and replicate the project activities and outcomes, and the ACP-EU S&amp;T/EuropeAid programmes, beyond the project partnership</li> </ul> <p>Expected results: The main outputs of the project are the set-up of policy recommendations to assist partner countries to implement RWHI; the development of S&amp;T skills and local capacity to implement RWHI; the set-up of ACP-EU Research and Technology-Transfer Centres on RWHI; demonstration of innovative RWHI and technology- transfer pilot projects, and a specialist ACP-EU Network on RWHI and sustainable dryland agriculture.</p>					

<sup>32</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 33:</b>	Project title: Capacity Enhancement to Integrate Ecosystem-based Adaptation into Sub-national Development Planning in Lao PDR (CEEbA)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Laos and Germany	1.845.328,12	Laos: International Union for the Conservation of Nature (IUCN)	EuropeAid / 132-657/L/ACT/LA	17/03/2014 to 16/03/2017 (Terminated by EU on 30 Nov 2015)
<b>Object and results of the action</b>					
<p>The overall objectives of this project are:</p> <ul style="list-style-type: none"> <li>- The project “Capacity enhancement to integrate ecosystem-based adaptation into sub-national development planning in Laos PDR (CEEbA)” intends to strengthen the climate change related institutional, policy and regulatory framework in Laos, by building the capacities of local administrative institutions to integrate climate change and climate risks into development planning using an ecosystem-based approach at province and district level.</li> </ul> <p>The specific objectives are:</p> <ul style="list-style-type: none"> <li>- identify the knowledge gaps and improve the technical capacity on climate resilient development planning;</li> <li>- EbA-type CCA related capacity assessments and building at sub-national level,</li> <li>- Contribution to mainstreaming of CC into the most important related sectors which are agriculture, forestry, water and food and nutrition security.</li> </ul> <p>Expected results:</p> <ul style="list-style-type: none"> <li>- Institutional capacities of at least 4 ministries, in at least 9 districts of 3 provinces have strengthened capacities to undertake vulnerability assessments, identify EbA- type options, prioritize and implement pilot initiatives and develop cost efficient and effective plans for future action;</li> <li>- CCA measures, especially EbA, are included in 9 district plans and 3 provincial strategies in their report and budgets, as well as policy recommendations in 4 NAPA sectors;</li> <li>- Formal and informal methods for networking, sharing information, and learning are available to capacitate relevant stakeholders, including two national capacity building events, 8 regional capacity building seminars, 6 field excursions, 8 networking events, 5 international/regional study visits, and CCA database, during the project implementation period.</li> </ul>					



<sup>33</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 34:</b>	Project title: <a href="#">Baltic Energy Net</a>				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		32.000	HAW Hamburg	BWF (Landesforschungsförderung)	01/10/2014 to 30/09/2016
Object and results of the action					

<sup>34</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 35:</b>	Project title: “Digital Literacy in Sustainable Energy Production”				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		25.000	HAW Hamburg	Hamburg Open Online University	01/09/2015 to 31/02/2017
<b>Object and results of the action</b>					

<sup>35</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 36:</b>	Project title: EARTHS Education And Research oriented Training on Health Sciences				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		256.143	HAW Hamburg	DAAD	01/08/2016 to 31/12/2018
<b>Object and results of the action</b>					
<p>The Hamburg University of Applied Sciences (HAW Hamburg) Health Sciences Department is organising the EARTHS (Education and Research-oriented Training in Health Sciences) Summer School in cooperation with the Sustainable Development and Climate Change Management Research and Transfer Centre (FTZ-NK) at HAW Hamburg and the Bernhard Nocht Institute for Tropical Medicine.</p> <p>The EARTHS Summer School is a four-week training programme co-funded by the German Academic Exchange Service (DAAD) and the German Federal Ministry of Economic Cooperation and Development (BMZ). The summer school is intended for Master's and PhD students from developing countries (Africa, Asia and Latin America) who have been awarded a DAAD in-country/in-region scholarship and hold a primary qualification in a life sciences or health sciences related field.</p> <p>The summer school aims to prepare university students and junior researchers for the tasks of teaching and research in their respective institutions. It focuses on strengthening students' qualitative and quantitative research skills, specifically those related to research statistics and epidemiology; the development of research projects; and the use of interactive teaching skills. The programme also aims to introduce participants to current and historic aspects of German culture and to facilitate the building of bridges between German researchers and the participants, as well as amongst the participants.</p>					



<sup>36</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

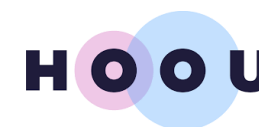
Reference no 37:	Project title: Cities Cooperating for Circular Economy FORCE				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Denmark, Germany, Italy, Portugal	10.840.530	Lead manager: Kobenhavens Kommune Partner: Freie und Hansestadt Hamburg, Camara Municipal De Lisboa, Comune Di Genova, Aage Vestergaard Larsen A/S Teknologisk Institut (DTI), Letbaek Plast AS, Dansk Rotations Plastic APS, Stadtreinigung Hamburg AOR, Hafencity Universität Hamburg, HAW Hamburg, Consist ITU Environmental Software GmbH, Aurubis AG, Valorsul, Dariacordar Associacao Para a Recuperacao de Desperdicio, Quercus, Associacao da Hotelaria Restauracao e Similares de Portugal, Amiu Genova Spa, Ecolegno Genova SRL, Technologie Innovative per il Controllo Ambientale e lo Sviluppo Sostenibile SCRL, Active Cells SRL, Addaptcreative LDA	Horizon 2020	01/09/2016 to 31.09.2020
Object and results of the action					
<p>The overall objective is to minimize the leakage of materials from the linear economy and work towards a circular economy. Specific objectives are to:</p> <ul style="list-style-type: none"> <li>Engage cities, enterprises, citizens and academia in 16 participatory value chain-based partnerships to create and develop eco-innovative solutions together.</li> <li>Develop 10 viable end-markets by demonstrating new applications for plastic waste, metals (EEE devices), biowaste and wood waste.</li> <li>Develop a governance model for cities based on value chain-based partnerships.</li> <li>Develop decision support tools and assess the actual impact by use of Big Data.</li> <li>Ensure replication through the FORCE Academy aiming at enterprises, citizens and policy makers.</li> </ul> <p>The eco-innovative solutions will be demonstrated across four cities (Copenhagen, Hamburg, Lisbon and Genoa) and using the four materials:</p> <p>Flexible plastics: Recycling and upgrade of 5,000 tonnes of flexible plastic from enterprises and private households will enable virgin material substitution, corresponding to preventing emissions of 12,500 tonnes of CO<sub>2</sub>.</p> <p>Metals: Citizens will be mobilized to reclaim an additional 2 kg/capita of WEEE (app. 3,600 tonnes). A communication campaign will reach 100,000 citizens and support at least five SME's that repair damaged EEE devices so that 10-20% of the collected WEEE can be redistributed.</p> <p>Wood waste: additional 12,000 tonnes wood waste from urban and mountain areas will be collected. 8-10,000 tonnes of brushwood will be used for compost production, and 14-16,000 tonnes will be processed into wood particles.</p> <p>Biowaste: around 7,000 tonnes of biowaste from the municipal mixed waste stream will be recovered: 3,000 tonnes coming from restaurants and hotels, and 4,000 tonnes coming from households.</p> <p>The partnerships will result in the creation of viable eco-innovative market solutions, exploited by the partners.</p> <p>Replication in other cities will be incentivized thus ensuring competitiveness of European Circular Economy and green growth.</p>					

<sup>37</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 38:</b>	Project title: Klimaschutz Stipendium				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		19.000	HAW Hamburg	Humboldt Stiftung	01/03/2017 to 28/02/2018
Object and results of the action					

<sup>38</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 39:</b>	Project title: Hamburg Open Online University (HOOU), various online courses				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		80.000	HAW Hamburg	Hamburg Open Online University	09/2015 to 03/2017 and 01/04/2017 to 31/03/2018
<b>Object and results of the action</b>					
<p>As two related, consecutive projects in the frame of the Hamburg Open Online University, a set of two interactive, collaborative online courses have been developed. Promoting digital learning for sustainable development, both offer an interdisciplinary perspective on sustainable energy production and use in Small Island Developing States.</p> <p>The courses aim at introducing online learners to a broad spectrum of energy- but also policy-related topics, for example sustainable energy production, energy access and energy security, energy efficiency and energy management, appropriate renewable energy sources as well as policies, initiatives and programs. The courses serve two different target groups: Whereas the first course (1 pilot run in 2016, 1 run in 2017) has been designed for energy practitioners, the second course (1 run in 2017) has been designed for policy-makers.</p>					



<sup>39</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 40:</b>	Project title: Climate Change and the Emergence of Zika Virus Disease in Fiji: Zika under a climate change and epidemiological perspective				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Fiji	119.980	HAW Hamburg (lead); University of Fiji	Federal Ministry of Education and Research (BMBF, reference: 01DP17034).	01/07/2017 to 30/09/2019
<b>Object and results of the action</b>					
<p>The effects of climate change pose a growing challenge to human health. A rise in temperature and rainfall, as well as the increased occurrence of extreme weather phenomena, may accelerate the global spread of climate-sensitive infectious diseases, such as mosquito-borne diseases including Zika, Dengue or Chikungunya. The project "Climate Change and Prevalence Study of Zika Virus Disease in Fiji" (ZIKA Fiji), examines the interaction between climate dynamics, environmental and socioeconomic factors to determine the risk of mosquito-borne ZIKA disease transmission in the Fiji Islands.</p> <p>The aim of the project is:</p> <ul style="list-style-type: none"> <li>• to identify influencing factors that favour the local spread of Aedes mosquito-borne diseases in Fiji</li> <li>• to better understand the influence of local environmental factors and to assess their impact on Zika virus disease transmission in Fiji</li> <li>• to develop climate-related strategies to address the spread of the Zika virus, as well as other Aedes mosquito-borne diseases circulating in Fiji</li> </ul>					

Reference no 41:	Project title: Small Islands Developing States (SIDS) Online Course				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		40.000	HAW Hamburg (lead); Centre of Excellence for the Sustainable Development of Small Island Developing States (COE); International Energy agency (IRENA)	International Energy Agency (IRENA)	01/04/2017 to 31/12/2017
<b>Object and results of the action</b>					
<p>In collaboration with two international partners (COE, IRENA), HAW Hamburg has developed and produced a dedicated online course on « Sustainable Energy in SIDS » for policymakers.</p> <p>The course aims at introducing online learners to a broad spectrum of energy- but also policy-related topics, for example sustainable energy production, energy access and energy security, energy efficiency and energy management, appropriate renewable energy sources as well as policies, initiatives and programs.</p> <p>It resembles an interactive, collaborative online courses over 5 weeks, promoting digital learning for sustainable development in small islands. Based on Open Educational Resources (OER) developed in the frame of the EU project L3EAP, the policy-maker course offers an interdisciplinary perspective on sustainable energy production and use in Small Island Developing States and will run in 2017.</p>					



<sup>41</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 42:</b>	Project title: WSD RTC World Sustainable Development Research and Transfer Centre				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)			HAW Hamburg	Senatskanzlei	01/07/2017 to 31/03/2018
<b>Object and results of the action</b>					

<sup>42</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 43:</b>	Project title: Waste Education Initiative (Waste-EI)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, United Kingdom, Estonia, Croatia, Romania	242.811	Manchester Metropolitan University (lead) Partners: HAW Hamburg, GMWDA, Bucharest, Tallinn	Erasmus+	01/09/2017 to 31/08/2020
<b>Object and results of the action</b>					
<p>Using innovative approaches, Waste-EI investigated best practices in waste education delivered across 5 EU regions, with the aim of sharing best practice and encouraging citizens to improve the quality and volume of valuable resources available for recycling. The objective of the project is to change behaviour and ensure regions maximise recycling in the most cost-effective way through a combination of teaching, educational resources, ICTs and tours to waste treatment facilities. Resource efficiency and the transition to Circular Economy principles were central to all of the outputs, i.e. ensuring consumer behaviour and materials recovery were included in the project design. The project produced education materials, educated schoolteachers, created a mobile app for educational purposes, and facilitated visits to local waste infrastructure to educate young people. All outputs and ideas were disseminated throughout the partnership and other established networks to maximize the wider impact of the project.</p>					

<sup>43</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 44:</b>	Project title: Digital Learning and E-mobility (online course)				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		45.000	HAW Hamburg	Hamburg Open Online University (HOOU)	01/10/2017 to 31/03/2019
<b>Object and results of the action</b>					
<p>The online course “Digital Learning and E-mobility” compiled modules on e-mobility, which can be used as a flexible learning tool. The modules entail toolboxes on “introduction to e-mobility”, “types of electric vehicles and technical features”, “infrastructure, subsidisation, and European case studies” as well as “challenges and perspectives of e-mobility” and aim at providing students an interdisciplinary way to get involved and learn about e-mobility.</p>					



<sup>44</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 45:</b>	Project title: The digital introduction of the Sustainable Development Goals (SDGs) into Higher Education Teaching (online course)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		65.250	HAW Hamburg	Hamburg Open Online University (HOOU)	01/10/2017 to 31/10/2019
<b>Object and results of the action</b>					
<p>One online course - „The digital introduction of the Sustainable Development Goals (SDGs) into Higher Education Teaching“ - compiled modules that aim at providing materials to integrate SDGs into university teaching. The material will help professors and teachers to introduce the goals 3 (health and wellbeing), 4 (education), 5 (gender equality), 7 (clean energy) and 13 (climate action) of the SDGs into their the learning environment. Thus, teachers act as multipliers, informing students from various disciplines about the SDGs and encouraging them to take a closer look at the sustainability goals of the UN.</p>					

<sup>45</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



Reference no 46:	Project title: Learning Among Regions on Smart Specialisation LARS				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Finland, Germany, Latvia, Lithuania, Norway, Poland, Sweden	1.643.705	Regional Council of Ostrobothnia (Lead), Vaasa University/Bothnia-Atlantica Institute, Region of Västerbotten, Office of the Marshal of the Pomorskie Voivodship, Regional Council of Pääjät-Häme, Hamburg University of Applied Science, The Lithuanian Institute of Agrarian Economics, The Ministry of Environmental Protection and Regional Development in Latvia, Oppland County Authority, The Lithuanian Innovation Centre	Interreg Baltic Sea Region Monitoring Committee	01/10/2017 to 30/09/2020
Object and results of the action					
<p>Programme objective: To enhance growth opportunities based on increased capacity of innovation actors to apply a smart specialisation approach. The challenge the partnership is jointly tackling is various forms of fragmentation of regional systems of innovation and triple helixes, undermining the implementation of smart specialization strategies, reducing the capacities for innovation-driven growth and diversification. Accordingly, the objective of the project is to improve the institutional capacities of the public sector as leading actor by enabling S3 partners to jointly identify and close gaps between triple helix actors and in innovation networks through triple-helix dialogues on findings inside and across regions. In this way, the project is expected to strengthen regional connectivity, and in that way enable better integration of territorial development strategies as well as cooperation on improved systems of innovation. The added value is the transnational dimension, through comparative analysis, which reveals opportunities and addresses issues which are not obvious with a perspective inside the region, leading to improved governance and strengthening of the institutional capacity of the public sector as an innovation driver.</p> <p>The following work packages (WPs) will be delivered:</p> <ul style="list-style-type: none"> <li>- Overall project management by lead partner (WP 1)</li> <li>- Mapping of current strategies in the field of smart specialization within each region (WP 2)</li> <li>- Exploring, mapping and measuring regional level triple-helix connectivity through a standardized method (WP 3)</li> <li>- Transnational learning via 5 learning seminars in the regions for broad exploration of possible areas of intervention (WP 4)</li> <li>- develop strategies for change, aiming to improve connectivity via interaction in selected pairs of regions, with a focus on specific receiving regions (WP 5)</li> <li>- implementation of pilot actions (5-10 experimental pilot actions) in receiving regions (WP 6).</li> </ul> <p>Results will be communicated and disseminated in ways which are replicable in other regions</p>					

<sup>46</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 47:	Project title: BSR electric				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Poland, Finland, Denmark, Sweden, Norway, Estonia, Latvia	3.831.591,40	HAW Hamburg (lead); Partner: ATI Küste GmbH, DE Hoje-Taastrup Municipality, DK Lindholmen Science Park, SWE Zero Emission Ressource Organisation, NO Turku University of Applied Sciences Green Net Finland, FI Helsinki Region Environmental Services Authority, FI Institute of Baltic Studies, EE Tartu City Government, EE LTD Ardenis, LV Riga City Council, LV City of Gdansk, PL Urban Transport Administration Gothenburg, SWE Free and Hanseatic City of Hamburg, Borough of Bergedorf, DE	INTERREG BSR	01/10/2017 to 30/09/2020
<b>Object and results of the action</b>					
<p>BSR-electric aims to enhance the utilization of e-mobility for urban transport systems around the Baltic Sea Region by demonstrating potential applications of various types of urban e-mobility solutions. Transnational pilot actions outline how different e-mobility applications can be implemented in practice and guide municipalities, public authorities, planners and transport providers in the process of integrating new solutions into urban transport. Pilots / use cases tested:</p> <ul style="list-style-type: none"> <li>Urban Logistics (last mile transport with e-vans)</li> <li>E-Logistics (light EVs for maintenance workers)</li> <li>E-Buses</li> <li>E-Bikes for Commuters</li> <li>E-bikes for families (replacing the second car)</li> <li>E-scooters for social inclusion</li> <li>E-ferries</li> </ul> <p>Various theme-specific capacity building actions improve knowledge whereas facilitated exchanges enhance the target's group capacity for informed decision- making.</p>					

<sup>47</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 48:</b>	Project title: CBSS- Reclaiming stormwater ecosystem services by education and multi-actor dialogue				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Finland Germany Lithuania	69.844	Lead Partner: Turku University of Applied Sciences LTD, Department of Technology, Environment and Business Partner: HAW Hamburg, Kaunas University of Technology	The Secretariat of the Baltic Sea States (CBSS)	01.10.2017 to 30.09.2017
<b>Object and results of the action</b>					
<p>The project contributes to a sustainable development of a prosperous Baltic Sea region by developing a teaching and training course on sustainable urban stormwater management and related ecosystem services. The course will bring together students, decision makers, planners, and other professionals for a multi-actor, mutual learning programme, comprising on-site lectures, workshops, and online courses. The course will be embedded and disseminated through the “Baltic University Programme” to reach stakeholders from the entire Baltic Sea region.</p> <p>The project will demonstrate the potential of sustainable stormwater management to respond to climate change-induced increasing risk of urban flooding, and for the improvement of urban ecosystems. It will demonstrate state-of-the art approaches and the innovation potential and capacities, related to sustainable stormwater management, existing in the Baltic Sea region.</p> <p>Through its multi-actor approach and active knowledge and experience exchange across the Baltic Sea region, the project will foster macro-regional cooperation and developments.</p>					



<sup>48</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 49:</b>	Project title: NBS-ESA: Nature-based solutions for hydro-meteorological disaster risks reduction in European and South American cities				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Europe (Germany, Portugal, United Kingdom) and South America (Uruguay, Brazil, Columbia)	19.000	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/11/2017 to 27/02/2018
<b>Object and results of the action</b>					
<p>Within this project, NBS-ESA created a proposal that was submitted as part of the HORIZON 2020 Programme under Societal Challenge 5 'Climate action, environment, resource efficiency and raw materials' Version of 20/02/2017).</p> <p>The aim of the project to be carried out under Horizon 2020 is to investigate the increases in the frequency and scope of extreme hydro-meteorological events on European and South American cities to support the cities to become better prepared to handle these events. The project therefore will investigate the causes of these risks and the impacts they may have in a set of European (i.e. Hamburg, Manchester, Aveiro) and Latin American (Montevideo, La Paz, Florianopolis and Caracas) cities. In addition, the project will develop nature-based approaches and methods via which cities may be in a better position to cope with them.</p>					

<sup>49</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 50:</b>	Project title: Sustainable tourism – Policy Maker edition (online course)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		56.125.00	HAW Hamburg	Hamburg Open Online University (HOOU)	01/04/2018 to 31/12/2019
<b>Object and results of the action</b>					
<p>In the frame of the Hamburg Open Online University, an interactive, collaborative online course has been developed. Promoting digital learning for sustainable tourism, it offers an interdisciplinary perspective on sustainable tourism and use in Small Island Developing States.</p> <p>The course aims at introducing online learners to a broad spectrum of sustainable tourism, but also policy-related topics. Hence, the courses serve two different target groups; one being interested in sustainable tourism and one wanting to know more about the policy topics around sustainable tourism.</p>					



<sup>50</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 51:</b>	Project title: CCES-ESA				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		52.122,04	HAW Hamburg		31/01/2019
<b>Object and results of the action</b>					

<sup>51</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 52:</b>	Project title: European School of Sustainability Science and Research (ESSSR)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		70.000	HAW Hamburg		01/10/2018 to 30/09/2020
<b>Object and results of the action</b>					
<p>There is currently no single organisation or setting in Europe which coordinates efforts in the field of sustainability education and research on the continent in an integrated way. Yet much could be gained if the extensive knowledge, expertise and resources that European universities currently have available could be consolidated, with a view to strengthening their profiles, activities, and scientific outputs. The European School of Sustainability Science and Research (ESSSR) was created to address this gap.</p>					

<sup>52</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 53:</b>	Project title: HOOU CliMap-HEALTH				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		39.800	HAW Hamburg		01/09/2019 to to 31/08/2020
<b>Object and results of the action</b>					
<p>The CliMap-HEALTH teaching and learning tool primarily addresses students of health sciences and public health in the context of tertiary education. The content, which is prepared as a web application, is delivered to students via teachers at universities and universities of applied sciences. The learning tool can be flexibly and individually embedded in existing teaching concepts, and can extend basic modules (e.g. climate as a determinant of health) and meaningfully supplement applied modules (e.g. transdisciplinary adaptation strategies to climate change).</p>					

<sup>53</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 54: <a href="#">Project title: BIO-PLASTICS EUROPE</a>					
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Europe	8.503.592,50	HAW Hamburg (lead), Fraunhofer LBF, Kaunas University of Technology, Manchester Metropolitan University, Swedish Environmental Research Institute, Technical University of Tallinn, University of Bologna, Lodz University of Technology, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, National Research Council, Turku University of Applied Sciences, The Hamburg University of Technology, Hamburg Institute of International Economics, The Austrian Centre of Industrial Biotechnology, Universidad Politecnica de Madrid, TICASS, Heng Hiap Industries, Nature Plast, Arctic Biomaterials, Prospex Institute, Assobioplastiche Servizi, Ecoembalajes España	H2020 European Commission (REA) Grant Agreement No. 860407)	01/10/2019 to 30/09/2023
<b>Object and results of the action</b>					
<p>The MAIN OBJECTIVE is: The development of sustainable strategies and solutions for bio-based plastic products, as well as the development of approaches focused on circular innovation for the whole bio-plastics system. These may be deployed to support policymaking, innovation and technology transfer. The SPECIFIC OBJECTIVES are as follows:</p> <p>1 - To define, test and deploy innovative product design strategies and to pursue specific Innovative Business Models based on these strategies, targeting efficient reuse and recycling approaches and solutions for bioplastic, including those required to ensure the health and safety of recycled materials when used for toys, packaging food stuffs and shipping, fishing, and aquaculture equipment. The materials will be made from renewable sources, with minimal or no competition with food supply chains.</p> <p>2 - To map current waste collection and management schemes as well as recycling inefficiencies, identifying, listing and addressing some of the technical and economic barriers to bio-based plastics recycling as regards established and/or alternative recycling options, also including safety and impacts on ecosystems and define key priority areas for enhancing waste collection and management.</p> <p>3 - To investigate the potential impacts of bioplastic on the terrestrial and aquatic environments, including on flora, fauna and possible implications to human health. This is part of the procedures for the biodegradable sustainability framework. By means of pre-normative research and tests of various modalities of bioplastic under laboratory and field conditions, a better knowledge about the expected or potential impacts of the release of chemicals deriving from the degradation of bioplastic will be achieved. This can, in turn, provide a solid basis for the further development of those categories of bioplastics known to be less dangerous to human and environmental health.</p> <p>4 - To build a biodegradable plastics sustainability framework, also by producing a “bioplastic safety protocol” (as a reliable means to ensure the safety of bioplastic materials), and by a mapping focusing on the applications where biodegradable and compostable solutions could support public policies. Objective 5 - To develop Innovative Business Models facilitating efficient reuse and recycling strategies and solutions, creating a better framework for systemic innovation and uptake of results through broad stakeholder engagement and improve the professional skills and competences of those working and being trained to work within the blue economy and the bioeconomy by means of the execution of a set of training activities.</p> <p>5 - To design, test and deploy a coordinated Communication Strategy and the related tools for cooperative knowledge sharing of Best Practices and Lessons Learned. The knowledge basis and on-going stakeholder and citizens dialogue initiated in objectives 1 to 5 will support the communication strategy by identifying joint knowledge creation needs, prompt industry and stakeholders feedback/responses, as well as a proactive communication flows, for successful replication.</p>					



<sup>54</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 55:	Project title: Klima-GESUND				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany	190.742,14	HAW Hamburg	Federal Minister for the Environment, Nature Conservation, and Nuclear Safety (BMU)	01/01/2020 to 31/12/2021
Object and results of the action					
<p>The project Klima-GESUND (Jan 2020 – Dec 2021) is aiming to develop an education and training programme covering topics of research and action concerning adaptation strategies for health impacts of climate change in Germany through the synergy of traditional and online learning tools. A collection of subject-related materials, designed to teach topics and skills, will be developed with and provided to German institutions of higher education in the area of health sciences, public health and associated fields of research and applied public health.</p> <p>More specifically, the project's objectives are</p> <ul style="list-style-type: none"> <li>- To identify the state of the art and priorities of research and action concerning adaptation strategies for health impacts of climate change in Germany, taking into account the needs and perspective of German universities and public health authorities</li> <li>- To develop a learning concept, e-learning architecture and teaching materials as the core of the Klima-GESUND educational and training programme</li> <li>- To test and evaluate the teaching materials in collaboration with selected German universities</li> <li>- To establish a network of stakeholders from German institutes of higher education and public health authorities in the field of climate change and health in Germany</li> </ul> <p>The proposed output of the project will be a module handbook, providing guidelines how to use and implement the Klima-GESUND educational materials in curricular programs, and to provide recommendations for policy implications for higher education in the area of climate change and public health in Germany.</p>					



<sup>55</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 56:</b>	Project title: Climate 2020 (online conference)				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	www.dl4sd.org	100.0000	HAW Hamburg	Hamburg Open Online University (HOOU); GIZ	01/08/2018 to 31/07/2020
<b>Object and results of the action</b>					
<p>Supported by the Hamburg Open Online University (HOOU) and further partners (international organizations, thinktanks, companies, NGOs, universities and networks), the objective of the climate-neutral, open access on-line conference is to convey the most recent research results on climate change and its impacts, as well as to provide early career researchers from all over the world with the opportunity to present their findings at a global level. The conference also provides information on numerous specific projects, initiatives and strategies, which are currently being implemented on the five continents and considered to be the latest examples of worldwide climate change adaptation and mitigation activities.</p> <p>Delegates are just a mouse-click away from this event: They may easily log in over the Internet no matter where they are actually located: in their office, at a school, university or on their way home. Thus, the event fills a knowledge gap in respect of thematic discussions on climate change mitigation and adaptation, which will be performed both in an integrative and interactive way.</p> <p>The worldwide virtual Conference will take place from 23th 2020 to 30th March 2020 exclusively on the internet, in a climate-friendly manner. The Online Conference provides the participants with free unlimited access to all kinds of high-quality scientific articles, climate projects and further learning opportunities 24 hours a day, 7 days a week. CLIMATE 2020 offers a unique opportunity to enhance an international dialogue and ideas exchanges between experts from the academic, political, economic and social sectors and the rest of the community. The virtual conference is guided by and will contribute to the Sustainable Development goal 13 (Climate Action). In addition, it fosters the current debate on securing biodiversity by providing insights on climate change and biodiversity.</p>					



<sup>56</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 57:</b>	Project title: see Ref. 56- GIZ partnered with HAW Hamburg in the realization of the online climate conference CLIMATE2020 with expertise and participation in interactive webinars.				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		21.048	Partners:	GIZ	01/01/2020 to 31/08/2020
<b>Object and results of the action</b>					

<sup>57</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 58:</b>	Project title: ESIDA Epidemiological Surveillance for Infectious Diseases in sub-Saharan Africa				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		398.607	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/09/2020 to 28/02/2023
<b>Object and results of the action</b>					
<p>In countries with limited capacity for epidemiological surveillance, disease outbreaks often go unnoticed. As a result, early detection and timely outbreak response is difficult. This is a challenge that particularly affects resource-restricted regions, such as countries in sub-Saharan Africa.</p> <p>The growing digital infrastructure in sub-Saharan Africa and advances in communication technologies, particularly in the mobile-phone sector, hold considerable potential for improving local monitoring systems that allow for more efficient and timely information exchange. For example, the collection of health data through mobile devices and the use of Open Data as a new dimension of traditional epidemiological surveillance systems open new avenues for research and development. However, they also require the joint effort of qualified actors across borders and research disciplines.</p> <p>The overall objective of the ESIDA project is to connect skills, methods and data from different research disciplines and information sources in order to design new approaches for data-driven health information and surveillance systems for early detection and control of emerging infectious disease outbreaks. The anticipated outcome is a pre-prototype electronic health information and surveillance system that aims to strengthen epidemiological surveillance in Tanzania and help alert local public health actors at an early stage of an outbreak. In the long term, the ESIDA system could be extended to the member states of the East African Community to support efforts in local field diagnostics as part of an existing national laboratory project.</p> <p>ESIDA builds upon existing networks of German and African partners and aims to strengthen international cross-disciplinary collaboration in research and education involving epidemiology, clinical research, biosecurity, public health, environmental sciences, and computer and data sciences.</p>					



<sup>58</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 59:</b>	Project title: HOOU IV – Sustainable Tourism				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		16.125	HAW Hamburg	Hamburg Open Online University	01/09/2020 to 31/01/2021
<b>Object and results of the action</b>					

<sup>59</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 60:</b>	<b>Project title: Climate Frame</b>				
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)		72.642,57	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/03/2021 to 28/02/2022
<b>Object and results of the action</b>					

<sup>60</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 61:	Project title: Klima-Robust				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany	179.638	HAW Hamburg	Federal Minister for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) Executing agency ZUG Zukunft – Umwelt - Gesellschaft	01/07/2021 to 30/06/2023
<b>Object and results of the action</b>					
<p>Incorporating the latest findings on the effects of climate change and current adaptation strategies into university curricula is therefore particularly important in the engineering sciences in order to inform students about upcoming changes. In this way, more flexibility or the necessary adaptation measures can be directly integrated into the planning and operation of technical facilities and infrastructures in order to be prepared for future changes. Therefore, Klima ROBUST will develop a hybrid teaching-learning module to provide teachers and students of different engineering disciplines with new content on climate, environment and weather impacts on technologies in a multi-perspective and interactive way. The educational module will contain open educational materials (OER) and include three toolboxes that require different levels of prior knowledge, but are divided into individual, self-contained components. Following the conception and presentation of the prototypes, a trial of the module or individual components thereof is planned for the winter semester 2022/23.</p> <p>The following sub-goals are being pursued in the Climate-ROBUST project:</p> <ul style="list-style-type: none"> <li>- the preparation of an overview of the environment- and climate-induced challenges to technology of critical infrastructures and civil protection and disaster management in Germany as well as the already established or missing educational content at German colleges and universities in different engineering sciences.</li> <li>- the development of the interactive educational module Climate-ROBUST (based on online and face-to-face parts) for the introduction of the topic "Climate change and climate adaptation from the perspective of adaptation of technology for engineering sciences".</li> <li>- the testing of the developed educational module in cooperation with at least five German universities in study modules suitable for this purpose.</li> <li>- the evaluation of the application and acceptance of the educational module Climate ROBUST and the blended learning concept by teachers and students.</li> <li>- the parallel establishment of a network of learners, teachers as well as researchers and actors in climate adaptation technology (based on a digital network platform).</li> </ul>					



<sup>61</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 62:	Project title: Klima-ACT!				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany	1.122.625	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/09/2021 to 31/08/2024
Object and results of the action					
<p>The Klima-ACT! project investigates the potential of immersive and multi-user-capable technologies to motivate users to act in a more climate-friendly way by enabling them to experience man-made climate change and its impending future scenarios. For this purpose, climate change becomes a (virtual) reality for users in a playful way, by locating them in the Free and Hanseatic City of Hamburg, Germany. Within a virtual space, people meet on the basis of what they have experienced, thus creating a platform for strengthening the discourse between the public, science and climate protection actors. Klima-ACT! will initially be made accessible to users locally via cultural institutions, but it will later also be made accessible online and will extend to scenarios beyond Hamburg. Klima-ACT! is a call to action. Through immersive and interactive user experiences, it will strengthen the climate change discourse and a shared awareness of climate protection. This is the vision of an alliance consisting of various actors from climate research, games development, multi-user technologies and textile design.</p>					

<sup>62</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 63:	Project title: Let's talk Climate!				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		48.500	HAW Hamburg	Federal Minister for the Environment, Nature Conservation, and Nuclear Safety (BMU)	01/10/2021 to 31/12/2022
Object and results of the action					
<p>The offer "Let's Talk Climate!" primarily addresses students of health sciences and public health as well as students/trainees of health care professions (e.g., nursing or nursing sciences, medicine, physiotherapy) at the tertiary education. The learning materials are primarily intended to be distributed to learners via teachers at universities, universities of applied sciences and training institutions to learners. In this context, the targeted educational materials should be as flexible as possible and without modules or subjects into the existing teaching context (e.g. climate as an amplifier of existing health challenges), existing health challenges); interdisciplinary applications are also conceivable.</p>					



<sup>63</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 64:	Project title: EU-Drones-Sustain				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		50.000	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/10/2021 to 31/03/2022
<b>Object and results of the action</b>					
<p>BMBF funding body has granted 50.000 Euro to the FTZ-NK, in order to prepare and submit a project proposal for Horizon Europe Programme. The Horizon Europe call: CLIMATE NEUTRAL, CIRCULAR AND DIGITISED PRODUCTION 2022 and the Topic (HORIZON-CL4-2022-TWIN-TRANSITION-01-09), single-stage was selected as an appropriate for the subject: Measurable improvements in resource efficiency and decarbonization of building construction and renovation through digital building logbooks. A consortium of nine partners mainly universities and research centres and two associated partners, belonging to the business sector, were composed in order to contribute to the project: Fostering Sustainable Digital Building Logbooks Using Drones” (EU-DRONES-SUSTAIN). The proposal was coordinated and submitted by the FTZ-NK team (HAW-Hamburg) in March 2022.</p>					

<sup>64</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



Reference no 65:	Project title: BIOPLASTICS-SUSTAIN				
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)		50.000	HAW Hamburg	German Federal Ministry of Education and Research (BMBF)	01/10/2021 to 31/03/2022
<b>Object and results of the action</b>					
<p>BMBF funding body has granted 50.000 Euro to the FTZ-NK, in order to prepare and submit a project proposal for Horizon Europe Programme. The Horizon Europe call “Sustainable biodegradable novel bio-based plastics: innovation for sustainability and end-of-life options of plastics” and the TOPIC: HORIZON-CL6-2022-CircBio-02-03-two-stage have been selected as an appropriate for the topic of bio-based plastics. Consortium of 21 partners has been gathered, where some of the most prestigious European companies, research institutes and universities have joined the forces to work together on the project proposal “Sustainable approaches to the production and disposal of novel, bio-based and biodegradable plastics (BIOPLASTICS-SUSTAIN)”. The proposal was coordinated and submitted by the FTZ-NK team (HAW-Hamburg) in March 2022.</p>					

<sup>65</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 66:</b>	Project title: Peek4Health		Sector: Universities in Germany		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,	183.457 Euro	Hamburg University of Applied Sciences (HAW) - Germany	BMUV/Klimaanpassung	01/12/2022 to 31/05.2025
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To strengthen the transfer of knowledge and strategies for climate adaption and climate protection with the peer-to-peer-approach.</p> <p><u>Specific objective:</u> Develop an extracurricular educational module which aims at training and education of future health actors with the focus on climate education and climate adaption.</p> <p><u>Expected Outcomes:</u> The project will build the skills of the next generation of health actors and expose them to a topic that will be highly relevant to their careers.</p>					

<sup>66</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 67:</b>	Project title: Mediplast		Sector: Universities in Germany		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,	183.457 Euro	Hamburg University of Applied Sciences (HAW) - Germany	BMUV/Klimaanpassung	01/12/2022 to 31/11/24
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To strengthen the transfer of knowledge and strategies for climate adaption and climate protection with the peer-to-peer-approach.</p> <p><u>Specific objective:</u> Develop an extracurricular educational module which aims at training and education of future health actors with the focus on climate education and climate adaption.</p> <p><u>Expected Outcomes:</u> The project will build the skills of the next generation of health actors and expose them to a topic that will be highly relevant to their careers.</p>					

<sup>67</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 68:</b>	Project title: Sustainable Tourism		Sector: Universities in Germany		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,	183.457 Euro	Hamburg University of Applied Sciences (HAW) - Germany	BMUV/Klimaanpassung	01/12/2022 to 31/11/24
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To strengthen the transfer of knowledge and strategies for climate adaption and climate protection with the peer-to-peer-approach.</p> <p><u>Specific objective:</u> Develop an extracurricular educational module which aims at training and education of future health actors with the focus on climate education and climate adaption.</p> <p><u>Expected Outcomes:</u> The project will build the skills of the next generation of health actors and expose them to a topic that will be highly relevant to their careers.</p>					

<sup>68</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 69:</b>	Project title: Digital Learning for Health and Climate Change in Ukraine		Sector: Third party education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Ukraine	96.626 Euro	Alexandros Lingos, Prof. Dr. Walter Leal	Deutscher Akademischer Austausch Dienst (DAAD)	01/07/2022 to 31/12/22
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u></p> <ol style="list-style-type: none"> <li>1. the development and implementation of digital teaching and learning opportunities on health (SDG3) and climate change (SDG13) to the benefit of students at the Ivano Frankivsk National Medical University</li> <li>2. the provision of digital support services for Ukrainian students on learning related to SDG3 and SDG13</li> <li>3. The implementation of online teaching in English and Ukrainian by German and Ukrainian teaching staff</li> <li>4. The award of physical as well as online scholarships for Ukrainian academic staff to visit Germany</li> </ol> <p><u>Expected Outcomes:</u> Developed teaching materials in Ukrainian language for teachers in the medical context</p>					

<sup>69</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 70:</b>	Project title: Digital Learning for sustainable development in Ukraine		Sector: third party education, Digital Learning		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,Ukraine	158,216 Euro	Linda Ternova, Prof. Dr. Walter Leal	Deutscher Akademischer Austausch Dienst (DAAD)	01/07/2022 to 31/12/22
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u></p> <ol style="list-style-type: none"> <li>1. The need for digital teaching for the current degree programmes,</li> <li>2. Digital teaching opportunities are expanded, offered and used by the students,</li> <li>3. Ukrainian academics and university lecturers, especially refugees, are integrated into the teaching programmes.</li> </ol> <p><u>Expected Outcomes:</u> Developed teaching materials in Ukrainian language for teachers in the agro-forestry context.</p>					

<b>Reference no 71:</b>	Ukraine-Nature		Sector: Sustainable environment		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Ukraine	Euro	Mariia Fedoruk, João Eustachio,	Deutsche Bundesstiftung Umwelt (DBU)	01/07/2022 to 31/05/24
<b>Object and results of the action</b>					
Objective of the Project:					
Expected Outcomes:					

<sup>71</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 72:</b>	Project title: Nachhaltige Labore (Nach-Labs)		Sector: Sustainability, resource and waste management		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,	325.956 Euro (179.991 Euro for HAW Hamburg)	Sven Kannenberg, Caterina Baars	Deutsche Bundesstiftung Umwelt (DBU)	27/11/2022 to 26/11/24
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> Analysis of resource and waste management of laboratories (academic, educational, company) with the aim of resource optimization and sustainable management.</p> <p><u>Expected Outcomes:</u> German accreditation system for laboratories, reports on energy and material usage, potentials f minimization and capacity building with workshops.</p>					

<sup>72</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 73:</b>	Project title: Medizinische Abfälle in der Ukraine (Ukraine-MEDWASTE)		Sector: Sustainability, Resource and waste management		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany,Ukraine	100.000 Euro	Tetiana Lisovka	Deutsche Bundesstiftung Umwelt (DBU)	01/01/2023 to 31/12/23
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> Analysis of the waste management in Ukrainian hospitals and health care facilities.</p> <p><u>Expected Outcomes:</u> Guidelines of managing waste in a safe and efficient way, taking the damaged infrastructure of Ukraine into account.</p>					

<sup>73</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 74:</b>	Project title: Baltic Approaches to Handlung Plastic Pollution under a Circular Economy Context (BALTIPLAST)		Sector: Baltic Sea Region		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Sweden, Finland, Estonia, Latvia, Lithuania	4.300.000	Hamburg University of Applied Sciences (HAW) - Germany; Jelena Barbir	Interreg Baltic Sea Region (Co-funded by the European Union)	01/01/2023 to 31/12/25
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To foster the prevention and reduction of plastic in the Baltic Sea region</p> <p><u>Specific objective:</u> Comprehensive transfer of the solutions in various networks since plastic waste has a direct connection with all of them. The universities will design the solutions in collaboration with local governments in the project countries with inputs from NGOs and Associations. Solutions will be tested by the Cities and in cooperation with NGOs and businesses. The Union of Baltic Cities will use its extensive network to maximize the benefits of the project to the Baltic sea region.</p> <p><u>Expected Outcomes:</u> To prevent and reduce plastic waste by developed and tested strategies in the Baltic sea region. To develop a network for further Projects that could research in a similar way.</p>					

<sup>74</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

Reference no 75:	Project title: Europe Land		Sector: Climate Change, Biodiversity, land-use		
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (from dd/mm/yyyy to dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany, Austria, Portugal, Italy, Denmark, Greece, Poland, Estonia, Latvia, Romania, Slovakia, Czech, Finland, Lithuania	6.288.178,75 Euro (888.777,50 for HAW Hamburg)	Franziska Wolf, Jelena Barbir, Jasmin Röseler, Sven Kannenberg	European Commission	01/05/2023 to 30/04/2027
Object and results of the action					
<p><u>Objective of the Project:</u> The project analyses patterns of social and agricultural land-use in different countries and during different time periods. It engages with stakeholders for land-use policy and predicts changes of land use due to social and cultural adaptations, as well as climate change, which is going to change usability of certain areas drastically.</p> <p><u>Expected Outcomes:</u> The project is expected to develop reports, forecasts and frameworks for prediction of potential land-use and to create a toolbox to be used by politicians and stakeholders, that can be used for planning future land-use efficiently.</p>					

<sup>75</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 76:</b>	Project title: Monitoring system of the environmental and social sustainability and circularity of industrial bio-based systems (BioRADAR)		Sector: Sustainability, bio-based products, regulatory tracking		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Netherland, Italy, Spain	?	Jennifer Pohlmann, Björn Krystek	European Commission	01/07/2023 to 31/06/26
<b>Object and results of the action</b>					
Objective of the Project: Analysis of the sector of bio-based products to develop a tool for self-assessment and tracking of own sustainability. Expected Outcomes: Designed IZ solution for self-assessment and regulatory tracking of bio-based products.					

<sup>76</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 77:</b>	Project title: KLIMA.kompetent		Sector: climate change and health, education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany (HAW)	45.000€	Derya Tasci	Hamburg Open Online University HOOU	01/01/2024 to 31/03.2025
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To strengthen the transfer of knowledge and strategies for climate adaption and climate protection</p> <p><u>Expected Outcomes:</u> Develop contents for the students and teaching personal off the HAW Staff for extracurricular/curricular settings on climate change and health</p>					



<sup>77</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 78:</b>	Project title: Ukraine Nature Network		Sector:		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Ukraine	Euro	Mariia Fedoruk, João Eustachio, Jelena Barbir		01/06/2024 to 31/05/2026
<b>Object and results of the action</b>					
<u>Objective of the Project:</u>					
<u>Expected Outcomes:</u>					

<sup>78</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 79:</b>	Project title: Supporting Learning Environments in Digital Education (LED Education)		Sector: Policy Experimentation - Digital Education, Skills and Innovation		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Estonia, Latvia, Finland	999.828,00 Euro (150.827,00 for HAW Hamburg)	Oleksandra Kunyk, João Eustachio	European Commission	01/03/2025 to 29/02/2028
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> The LED Education project aims to address the challenges of the global transformation of education by creating enabling digital learning environments that increase learner engagement, well-being and educational outcomes. The project aims to integrate advanced digital tools, personalised mentoring and inclusive practices to ensure a more equitable and effective learning experience.</p> <p><u>Expected Outcomes:</u> enhancing the digital competences of both students and educators; providing scalable solutions to improve digital well-being; facilitating the integration of cutting-edge digital educational tools and personalised learning environments.</p>					

<sup>79</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 80:</b>	Project title: CheMatSustain IMPLEMENTING INNOVATIVE METHODS FOR SAFETY AND SUSTAINABILITY ASSESSMENTS OF CHEMICALS AND MATERIALS PARTICULARLY AT NANO LEVEL IN THE EUROPEAN UNION		Sector: SSbD Framework, safe and sustainable use of chemicals and nanomaterials		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Sweeden, Poland, Netherlands, Denmark, England, Italy, Spain	€4,924,128.50 (692 500.00 for HAW Hamburg)	Jelena Barbir	European Union Horizon Europe Programme	01/01/2024 to 31/12/2027
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> At CheMatSustain, we recognize the transformative potential of nanotechnology and the significance of Safe and Sustainable by Design (SSbD) strategies in ensuring the safety and sustainability of nanomaterials and nanotechnology. Thus, the project envisions a future where innovative methods for safety and sustainability assessments of chemicals and materials, especially at the nano level, play a pivotal role in achieving a climate-neutral, circular economy continent. Through collaboration, research, and innovation, we strive to pave the way for a brighter, greener future for generations to come.</p> <p><u>Expected Outcomes:</u> create the conditions to provide reliable and practical tools to ensure the safe and sustainable use of CNMs, and thus answer to the actual challenges and risks that nanotechnology-enabled products and relevant stakeholders face.</p>					



<sup>80</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 81:</b>	Project title: Influences of Climate Change on the mental health of students in Germany (KLIM MENT)		Sector: Climate Change, mental health, prevention		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany	154.200 €	Hamburg University of Applied Sciences (HAW) - Germany	mkk – meine Krankenkasse	01/11/2024 to 01/07/2026
<b>Object and results of the action</b>					
<p><u>Objective of the Project:</u> To evaluate the influences of climate change on the mental health of students in Germany</p> <p><u>Specific objective:</u> To assess and analyse the impact of climate change on the mental health of students through an online survey distributed to universities throughout Germany. To create, test and evaluate appropriate support measures from the survey results in order to minimise the impact of climate change on the mental health of students.</p> <p><u>Expected Outcomes:</u> To create an overview of the current state of influences of climate change on student’s mental health in Germany. To create preventative measures for students to minimise climate change influences on mental health.</p>					



<sup>81</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 82:</b>	Project title: The digital introduction to the Sustainable Development Goals into Higher Education Teaching – regional aspects in implementing the SDGs from Brazil and South Africa (DITTS)		Sector: Sustainable Development Education		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Brazil, South Africa	384.584 Euro	Hamburg University of Applied Sciences (HAW) - Germany	German Academic Exchange Service (DAAD)	01/05/2022 to 31/12/2025
<b>Object and results of the action</b>					
<p>This project has the overarching goal of building a strong and sustainable partnership between UPF (Brazil), Unisa (South Africa) and HAW Hamburg (Germany) to create and deliver open educational materials for higher education institutions. As a result, students will be introduced to the UN Sustainable Development Goals (SDGs) and become aware of how they can contribute to achieving the 2030 Agenda. Through the perspective and expertise of two excellent and renowned universities from the Global South, their experiences, regional challenges and best practices will also be made available to students from Germany and other countries in the Global South and Global North, maximizing the impact of the project.</p>					



<sup>82</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 83:</b>	Shared and Digital Mobility Hubs (ShareDiMobiHub)		Sector: Urban Mobility; Sustainable Development		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany; DK; NL; BE; NO.	505.650 Euro (HAW Hamburg)	Smart Mobility and Transport Solutions	Interreg North-Sea: Co-funded by the European Commission	01/09/2022 to 31/09/2025
<b>Object and results of the action</b>					
<p>The ShareDiMobiHub project aims to enhance urban multi-modal accessibility by fostering the adoption and integration of shared mobility hubs, which combine shared transport with public transit and active travel. The project seeks to encourage a modal shift from private cars to shared mobility to address the rising transport demand due to urbanization. To achieve this, an integral approach is employed, including spatial planning for shared mobility, nudging and communication strategies, restrictions on private car use, and integration with public transport and Mobility as a Service (MaaS). Key actions include the expansion of shared mobility hubs in Amsterdam and its metropolitan area, digitalization plans for MaaS integration in Amsterdam, Leuven, and the Province of Utrecht, and pilot projects in Vestfold and Telemark (VTFK), Rotterdam, and Leuven to test different engagement and implementation strategies. The project results will lead to upscaling strategies in Rotterdam, Utrecht, and the Capital Region of Denmark, while Leuven and VTFK will implement upscaling action plans including digitalization and MaaS integration. The transnational cooperation ensures knowledge transfer from experienced partners in the Netherlands and Belgium to other regions. Additionally, 40 stakeholders will receive support for a broader rollout, ultimately benefiting citizens, commuters, and visitors through improved access to shared mobility services via a MaaS application.</p>					

Interreg  
North Sea



Co-funded by  
the European Union

ShareDiMobiHub

<sup>83</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 84:</b>	HAW.Resilient		Sector: HAW.Resilient		
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany; South Africa; USA	498,039 Euro	HAW (Hamburg University of Applied Sciences)	German Academic Exchange Service (DAAD)	01/2024 to 12/2025
<b>Object and results of the action</b>					
<p>The HAW.Resilient (RESI) project, funded by the DAAD HAW.International program, aims to enhance the resilience and adaptability of the university’s internationalization efforts in response to social challenges. The project focuses on expanding digital internationalization, ensuring that students who cannot study abroad still gain global perspectives and intercultural experience through "internationalization at home." This will be achieved by developing digital learning spaces, increasing the use of Collaborative Online International Learning (COIL), and creating English-language cross-sectional modules that integrate resilience-promoting skills such as futures thinking, sustainability transformation, and AI adaptation. Key initiatives include the establishment of a COIL+ Hub in the university’s Moodle system, offering learning resources, training, and support for digital teaching. Additionally, faculty training programs, tele-tutoring services, and a “Welcome Pack” for international learning will be introduced. Working closely with partner universities in South Africa and the USA, the project also fosters faculty collaboration and long-term strategic cooperation. The expected results include enhanced digital teaching formats, stronger international academic networks, and a more inclusive and future-oriented internationalization strategy for students and faculty.</p>					



<sup>84</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 85:</b>	Project title: Feasibility Study on Climate Change, Land Use Management, and Renewable Energy in The Gambia (RECC-LUM)			Sector:	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	The Gambia	801.909 Euro	Hamburg University of Applied Sciences (HAW) - Germany	Federal Ministry of Education and Research (BMBF)	09/2023 to 08/2025
<b>Object and results of the action</b>					
<p>The project will support efforts to enhance the demarcation of land boundaries in The Gambia and relate it to the extent to which renewable energy may be used in the income-generation process. It will undertake surveys to investigate land use approaches and the effects on relevant socio-economic indicators such as rural employment, income structures and also the provision of ecosystem services for the Gambian society, with a special emphasis to the potential role to be played by the use of renewable energy. This feasibility study will be performed over a 24-months period, leading to guidelines for policy-makers and a report with recommendations for further studies and projects.</p>					



<sup>85</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 86:</b>	Project title: German Academic Network for Capacity Development in Climate Change Adaptations in Africa (NetCDA)			Sector:	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	African Countries	137.052 Euro	Hamburg University of Applied Sciences (HAW) - Germany	Federal Ministry of Education and Research (BMBF)	01/2024 to 12/2025
<b>Object and results of the action</b>					
The project will support the current cohort of WASCAL doctoral students in their research work and in finding scientific supervisors at German universities in the short term, the establishment of a European network that will initially focus on West Africa (WASCAL) but will be extended to the entire African continent in the long term is a long-term objective of NetCDA.					



<sup>86</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 87:</b>	Project title: Towards Climate Resilient Farming (Des jardins partagés d'atténuation et d'adaptation aux changements climatiques) (Shared Gardens for Climate Change Adaptation (Jardins adaptés au climat))			Sector:	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (from dd/mm/yyyy to dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany, Canada, Morocco, Benin	441.550 Euro	Hamburg University of Applied Sciences (HAW) - Germany (partner)	German Research Foundation (DFG)	04/2024 to 03/2027
<b>Object and results of the action</b>					
Led by the Université de Moncton, Canada, the project GreenGardens brings together 200 vulnerable farmers from seven enterprises in Benin, Morocco, and Canada and 20 researchers representing an interdisciplinary consortium of academic partners from Canada, Germany, Morocco, and Benin to support the design and adoption of successful climate change adaptation practices in agriculture and agroforestry in collaboration with vulnerable groups. The project will adopt the co-creation approach to identify, validate, implement, and disseminate adaptation measures for agricultural enterprises in Benin, Morocco, and Canada, the countries with different socio-economic realities.					



<sup>87</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 88:</b>	Project title: Protecting critical infrastructures through resilience governance (KRITIS-Dialog)			Sector: Critical infrastructures, Resilience development	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (dd/mm/yyyy - dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany	441.550 Euro (total) 18.000 Euro (HAW)	- Landkreis Euskirchen (Lead) - Technical University Dortmund - HAW - (partner)	Federal Ministry of Housing, Urban Development and Construction	01.12.2022 – 30.09.2025
<b>Object and results of the action</b>					
In KRITIS-Dialog the main topic is communication between stakeholders within the field of critical infrastructures and civil security. Based on experiences from the European Floods in early July 2021, improvements in collaboration, knowledge exchange and communication are necessary between regional actors. The projects focus is the Eifel region of Germany, in southern North Rhine-Westphalia and north-western Rhineland-Palatinate. HAW Hamburg joined the project in the last Year (November 15 <sup>th</sup> 2024 – September 30 <sup>th</sup> 2025) to support the dissemination and exploitation activities with serious gaming aspects.					

<sup>88</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.



<b>Reference no 89:</b>	Project title: <i>Climate Change and Land-use in Moldova (CCLU-Moldova)</i>			Sector: Agriculture adaptation to climate change	
Name of organisation	Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) <sup>1</sup>	Dates (dd/mm/yyyy - dd/mm/yyyy)
HAW (Hamburg University of Applied Sciences)	Germany	50.000 Euro (total) 40.000 Euro (HAW)	- HAW - (Lead) - State pedagogical University of Moldova (partner)	Federal Ministry of Education and Science (BMBF)	01.01.2025 – 31.12.2025
<b>Object and results of the action</b>					
CCLU – Moldova is a bilateral project between HAW Hamburg and the State pedagogical University of Moldova to identify aspects of collaboration in terms of land-use and land cover in agricultural as well as in nature preservation areas. Based on regular exchange and field visits, a knowledge exchange is planned to take place to understand and aid the transformation of the agricultural sector in Moldova.					



<sup>89</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.

<b>Reference no 90:</b>	Project title: Innovating Agri-Food: Enhancing Public Awareness for a Sustainable Future (Inno-Agro-Sustain)			Sector: Agriculture adaptation, Food security	
<b>Name of organisation</b>	<b>Location of the action</b>	<b>Cost of the action (EUR)</b>	<b>Lead manager or partner</b>	<b>Donors to the action (name)<sup>1</sup></b>	<b>Dates (dd/mm/yyyy - dd/mm/yyyy)</b>
HAW (Hamburg University of Applied Sciences)	Germany	74.695,63 Euro	- HAW - (Lead)	Federal Ministry of Education and Science (BMBF)	01.01.2025 – 30.11.2025
<b>Object and results of the action</b>					
Inno-Agro-Sustain is a project for developing an European Network on Food security with the aim to facilitate project ideas and proposals in this thematic focus. The final project proposal is planned to be a proposal for the 7 <sup>th</sup> EIT Foods call of the Horizon Europe framework in November 2025.					



<sup>90</sup> If the Donor is the EU Commission or an EU Member States, please specify the EC budget line, EDF or EU Member State.