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as of 28 July 2017

		Project acronym	Project title	Lead Partner	Project top line
1 Innovation	1.1 Research and innovation infrastructure	**BalticSatApps**	Speeding up Copernicus innovation for the Baltic Sea region environment and security	University of Turku, Finland	Since 2014, the satellites and sensors of the European Copernicus programme have delivered Earth observation data free of charge to anyone. The wealth of data holds tremendous potential for new services in the environmental, transport, energy and other sectors. The project qualifies regional science and technology parks in the Baltic Sea region in running tailored acceleration programmes for small and medium sized enterprises in the emerging Earth observation market. *Contact: anna.hirsikoski@utu.fi*
		BSUIN	Baltic Sea underground innovation network	University of Oulu, Finland	The project establishes a network of underground laboratories across the Baltic Sea region, which works as an open innovation platform facilitating scientific technology transfer and best practices exchange. It improves access of small and medium sized enterprises to the laboratories and exploits potential for incubating innovative businesses in various fields, e.g. mining, tunnel construction, radiation shielding systems testing, and thermal energy production. *Contact: panu.jalas@oulu.fi*
		IRIS	Improved results in innovation support	Dalarna Science Park, Sweden	Business incubator organisations are crucial supporters for entrepreneurs, start-ups and small and medium sized enterprises that drive economic growth and create jobs. In the project, incubators from all countries around the Baltic Sea work together to improve and strengthen their management and support capacity, i.e. to jointly nurture new skills, help create new companies, and to support in opening up new markets. *Contact: erika.hinz@dalarnasciencepark.se*
		ProVaHealth	Product validation in health	Foundation Tallinn Science Park Tehnopol, Estonia	ProVaHealth stimulates cooperation among health laboratories in the Baltic Sea region, which test new products and technologies in real-life contexts. The project shares best practices to improve business models of the labs and helps open access to the services for small and medium sized enterprises (SMEs) from the entire Baltic Sea region to ensure health innovation and growth of health SMEs with global potential. *Contact: kylle.tarnov@tehnopol.ee*
		TEST-4-SME	A laboratory network for characterisation and conformity assessment of electronic products developed by small and medium sized enterprizes	Tartu Observatory, Estonia	No electronic product can be successfully placed in global markets if it does not conform with international standards. This typically requires extensive testing of product prototypes. In the project, eight universities from the Baltic Sea region set up an innovation support network to provide testing and consultation for small and medium sized enterprises in the electronics sector during early product development. *Contact: karoli.kahn@gmail.com*

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		Project acronym	Project title	Lead Partner	Project top line
1 Innovation	1.2 Smart specialisation	**GoSmart BSR**	Strengthening smart specialisation by fostering transnational cooperation	Bialystok University of Technology, Poland	The project aims to boost transnational cooperation among industry, the research & development sector, and authorities in employing smart specialisation strategies in regions in the eastern parts of the Baltic Sea region. It promotes mutual learning, sharing best practices and translating smart specialisation strategies into practical joint actions of small and medium sized enterprises. *Contact: Wieslav Urban, w.urban@pb.edu.pl*
		LARS	Learning among regions on smart specialisation	Regional Council of Ostrobothnia, Finland	The project attempts to help the public sector in leading smart specialisation processes in their regions and to connect innovation networks across regions. It helps find solutions tackling the fragmentation of regional systems of innovation looking for entrepreneurial discoveries within such topics as blue growth, bio and circular economy, advanced production methods and technologies for energy efficiency. *Contact: jerker.johnson@obotnia.fi*
		RDI2CluB	Rural RDI milieus in transition towards smart bioeconomy clusters and innovation ecosystems	JAMK University of Applied Sciences, Finland	The goal of the project is to support smart, sustainable and inclusive growth of the bioeconomy in rural areas of the Baltic Sea region. RDI2CluB aims to help innovation actors apply EU smart specialisation approaches to their specific field and region. The transnational partnership and network of the project plans to, for instance, support new business development in rural areas and create bio-business hubs to improve innovation management. *Contact: anneli.ylimartimo@jamk.fi*
		Smart-up BSR	Improving smart specialisation implementation through orchestrating innovation hubs	Aalto University Foundation sr, Finland	The project helps regions in nine countries to apply research and innovation strategies for smart specialisation (RIS3) by sharing best practices and knowledge of EU RIS3 experts (Committee of Regions, EU Joint Research Centre) and co-creating concepts for the RIS3 implementation. The project focuses on active healthy ageing, digitalisation in smart city, climate change and circular economy. *Contact: kalevi.ekman@aalto.fi*
	1.3 Non-tech innovation	**BaltCityPrevention**	Baltic cities tackle lifestyle related diseases	Flensburg University of Applied Sciences, Germany	Strokes, obesity, and heart and lung diseases are among the health challenges in Europe. This implies a new service development approach in the public health sector. The project helps public health authorities in cities around the Baltic Sea to better promote healthy lifestyle by developing and testing a model that public health authorities can apply in prevention intervention planning. The model combines methods such as focus groups, motivational interviewing, eHealth applications, chatbots and health games. *Contact: roland.trill@hs-flensbura.de*

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		Project acronym	Project title	Lead Partner	Project top line
1 Innovation	1.3 Non-technological innovation	**Baltic Game Industry**	Turning the game developer scene into a competitive business sector	BGZ Berlin International Cooperation Agency GmbH, Germany	Games are the most dynamic creative industry worldwide but business support is often unspecific or targeted at communications technology or media. The project prepares business incubators to effectively support game start-ups. It tests how gaming can be transferred to other industries such as the health sector. It also initiates a change of the business framework to make it more favourable for the game industry. *Contact: Dr. Ines Klemm, klemm@bgz-berlin.de*
		Baltic Sea Food	Business to business distribution model supporting local food sector in Baltic Sea region rural areas	Ministry of Rural Affairs of the Republic of Estonia, Estonia	Local food producers still rely mostly on direct contacts to consumers as they often have difficulties in reaching catering, food processing and retail sectors that tend to rely on large food supply chains. The project aims to establish a business to business distribution model that supports local food networks in rural areas of ten countries in the Baltic Sea region and to ensure smooth and short supply chains, opportunities for growth, and improved business performance. *Contact: kadi.raudsepp@agri.ee*
		BIC	Biomarker commercialization	Ideklinikken, Aalborg University Hospital, The North Denmark Region, Denmark	Biomarkers measure cellular, biochemical or molecular changes in human tissues, cells or fluids, and contribute to future diagnostics and treatment. The development of biomarkers is time consuming and expensive, requiring the involvement of industry from early stages to better direct the research. The BIC platform facilitates knowledge and best practice exchange, offering tools that support the various phases of a commercialisation process and maturity assessment. *Contact: Kirstine.rasmussen@rn.dk*
		Circular PP	Using procurement to promote circular economy	City of Aalborg (AAL), Denmark	A traditional procurement model does not consider re-use or recycling of purchased goods or services. The project promotes a circular procurement model, which takes into account the lifecycle of products throughout the supply chain. The development of tools, exchange of best practices, training and building capacity among procurers, suppliers and policy makers for circular products stimulates the development of new business models. *Contact: jens.dalgaard@aalborg.dk*

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		Project acronym	Project title	Lead Partner	Project top line
1 Innovation	1.3 Non-technological innovation	**DIGINNO**	Digital innovation network	Ministry of Economic Affairs and Communications of Estonia, Estonia	The project helps speed up the Baltic Sea region's transition to a single digital market. Three common challenges are covered: uptake of information and communication technologies in the business sector, innovation and interoperability of public services, and cooperation and coordination of digital policies on the macro-regional level. Industrial small and medium sized enterprises, industry associations and policy makers are enabled to push for a faster uptake of digital solutions. *Contact: janek.rozov@mkm.ee*
		INBETS BSR	Innovative business transfer models for small and medium sized enterprizes	Baltic Sea Academy, Germany	A lot of small and medium sized enterprises face a crucial moment when the business gets transferred, e.g. when the owner retires and a new one takes over. Every year, more jobs are lost due to failed business transfers than new jobs are created in start-ups. The project improves the competences of business support organisations in terms of business transfers. They jointly design and apply innovative tools to better support upcoming business successors. *Contact: mhogeforster@baltic-sea-academy.eu*
		SmartUp Accelerator	Innovation ecosystem to foster consumer cleantech markets in the Baltic Sea region	Innovatum AB, Sweden	There is a growing interest in consumer clean technology, which is about reducing the environmental burden of consumption and is related to resource scarcity, rising energy and fuel costs, digitalisation and automatisation. The project helps exploit arising business opportunities in consumer clean technology for small and medium sized enterprises, start-ups and intermediaries in the Baltic Sea region by shaping models for networking, partnerships and cultural cooperation. *Contact: lillemor.lindberg@innovatum.se*
		SNOwMan	Better support for owner-managed manufacturing small and medium sized enterprises	VIA University College, Denmark	Business intermediaries, owner-managers and universities jointly develop and apply innovative tools and methods for business counselling that respond to the specific needs of owner-managers of small and medium sized enterprises (SMEs). Owner-managers of SMEs tend to be driven by different considerations than SMEs run by employed managers, for example, their own family's well-being, the employees' situations and lack of time for developing their own managerial skills. *Contact: jop@via.dk*

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		Project acronym	Project title	Lead Partner	Project top line
2 Natural resources	2.1 Clear waters	**BEST**	Better efficiency for industrial sewage treatment	City of Helsinki Environment Centre, Finland	Industrial waste waters are a considerable challenge for municipal waste water treatment plants as they require special treatment and management. In this project, local water utilities, waste water treatment plants, industrial companies and permitting authorities will elaborate and test guidelines and procedures for a more efficient management of industrial sewage. Contact: *lotta.ruokanen@hel.fi*
		CWPharma	Clear waters from pharmaceuticals	Finnish Environment Institute, Finland	Active pharmaceutical ingredients are active medicines, e.g. hormones, analgesics and antibiotics, that contaminate the water and marine life if disposed into the Baltic Sea. Following HELCOM's status report on pharmaceuticals, partners from seven countries work on tools and recommendations for policy makers, authorities and municipalities to map sources and environmental concentrations of these ingredients and propose methods to reduce these harmful emissions. *Contact: noora.perkola@ymparisto.fi*
		HAZBREF	Hazardous industrial chemicals in the Industrial Emissions Directive's BREFs	Finnish Environment Institute, Finland	The Industrial Emissions Directive is the main instrument on the EU level to control hazardous substances that are released from industrial sites. However, its reference documents, or BREFs, currently lack specific information on certain hazardous substances. The project aims to close this knowledge gap so that industry and authorities can manage hazardous substances being released into the Baltic Sea better. Contact: *kaj.forsius@ymparisto.fi*
		MANURE STANDARDS	Advanced manure standards for sustainable nutrient management and reduced emissions	Natural Resources Institute Finland Luke, Finland	A lot of agricultural nutrients are released into the Baltic Sea, with a significant amount of emissions from animal manure. In this project, policy makers, authorities, advisors, farmers and researchers create, test and implement tools to determine manure standards for farming practices and policy instruments. The new manure standards will improve nutrient recycling and reduce nutrient inflow in the Baltic Sea. *Contact: sari.luostarinen@luke.fi*

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		Project acronym	Project title	Lead Partner	Project top line
2 Natural resources	2.2 Renewable energy	**Baltic ForBio**	Accelerating production of forest bioenergy in the Baltic Sea region	Swedish University of Agricultural Sciences, Sweden	There is a growing demand for forest biomass from by-products of the wood industry to be used as a source of renewable energy. The project exploits logging residues, which are usually discarded after forest harvests, and small trees that are cut during forest thinning. Along with guidelines for using new technology, the project compiles information on wood energy potential to shape innovative business models and develop small-scale bioenergy plants in rural areas of the Baltic Sea region. *Contact: peichen.gong@slu.se*
		Co2mmunity	Co-producing and co-financing renewable community energy projects	Kiel University, Germany	When citizens join forces to set up, finance and manage energy production based on renewables in their region, we call it renewable community energy. The project gives municipalities, regional energy planning agencies and citizens' associations across the Baltic Sea region the information they need to start and run community energy projects in their regions. Contact: *Fabian Faller, faller@geographie.uni-kiel.de*
	2.3 Energy efficiency	**Act Now**	Action for energy efficiency in Baltic cities	Magistrate of the City of Bremerhaven, Germany	Europe's biggest energy resource is energy efficiency – and one way of becoming more energy efficient is decreasing the energy consumption needed to heat buildings. The project tackles energy efficiency in the existing building stock of smaller and larger cities around the Baltic Sea. The project's aim is to help municipal staff involved in energy efficiency measures by improving their knowledge about energy losses, competences for preparing investments, and skills to stimulate private investments in energy efficiency. *Contact: till.scherzinger@magistrat.bremerhaven.de*
		AREA 21	Baltic smart city areas for the 21st century	HafenCity University Hamburg, Germany	The idea of the project is to bring together authorities, energy providers and citizens within their city districts to find and apply the best solutions for saving energy, thus decreasing CO2 emissions. To achieve this, the project enables local and regional authorities from cities around the Baltic Sea to run cooperative planning processes. Such processes help authorities to work together across different sectors, to understand citizens' motives and barriers, and to activate relevant players in city neighbourhoods. *Contact: joerg.knieling@hcu-hamburg.de*

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		Project acronym	Project title	Lead Partner	Project top line
2 Natural resources	2.3 Energy efficiency	**EFFECT4buildings**	Effective financing tools for implementing energy efficiency in buildings	County board of Dalarna , Sweden	Energy efficiency projects are not typical investments: they do not result in direct revenues but rather in non-expenses, i.e. through energy savings. The project enables public building managers to calculate and plan renovation projects in a more profitable way and to convincingly present the scope and return of such investments to financial decision makers. The project thus increases the amount of energy efficiency measures implemented by the public sector. *Contact: marit.ragnarsson@lansstyrelsen.se*
		LowTEMP	Low temperature district heating for the Baltic Sea region	Institute of Fluid Flow Machinery, Polish Academy of Sciences (IMP PAN), Poland	District heating systems are widespread around the Baltic Sea but are often outdated. Future-oriented energy supply includes low temperature district heating systems that lose less heat and use renewable energy and waste as heat sources. LowTEMP addresses municipal representatives responsible for urban and energy issues, heat suppliers, planners, engineers and energy agencies, and provides them with knowledge on technical, organisational and financial strategies to implement low temperature district heating. *Contact: Adam Cenian, cenian@imp.gda.pl*
	2.4 Blue growth	**BalticRIM**	Integrated maritime cultural heritage management in the Baltic Sea region	State Archaeological Department of Schleswig-Holstein, Germany	BalticRIM aims to integrate management of cultural heritage in and at the Baltic Sea into maritime spatial planning. Coastal and underwater cultural heritage such as ship wrecks and archaeological sites can help brand cities and regions, attract talent and foster tourism. Currently, such heritage sites are not systematically included in maritime spatial plans across the Baltic Sea. The project helps to identify and designate maritime cultural heritage zones by bringing heritage managers together with spatial planners. *Contact: matthias.maluck@alsh.landsh.de*
		RETROUT	Sustainable management of the Baltic Sea region as a coastal fishing tourism destination.	County Administrative Board in Stockholm, Sweden	Recreational fishing in the Baltic Sea, which relies mostly on sea trout, has untapped potential for growth and sustainable jobs. The project aims to showcase destinations for coastal fishing and advise on relevant policy regulations. It proposes solutions for efficient restoration of sea trout stock in order to boost the coastal fishing industry. *Contact: hakan.haggstrom@lansstyrelsen.se*

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		Project acronym	Project title	Lead Partner	Project top line
3 Transport	3.1 Interoperability	**RTF**	Using ferry real time information to optimise intermodal transport chains	University of Rostock, Germany	The project makes real-time information about ferry delays, cancellations and travel time prognoses available to travel planning systems that cover different modes of transport. Real-time travel information is an immensely dynamic field – and ferry transportation is currently at risk of being left behind. The project sets up a collaborative data hub for real-time ferry information to be used for smoother transport of goods and people in the Baltic Sea region. *Contact: nina.vojdani@uni-rostock.de*
	3.2 Accessibility	**MAMBA**	Maximised mobility and accessibility of services in regions affected by demographic change	Diaconie of Schleswig Holstein, Germany	With shrinking populations in many parts of the Baltic Sea region, it is difficult to keep up local transport and services that depend on mobility, such as homecare or home deliveries. The project aims to improve the integration of existing mobility structures and to spread innovative transport solutions like citizen buses, flying nurses and fleet-sharing to overcome these difficulties. *Contact: Doris Scheer, scheer@diakonie-sh.de*
	3.3 Maritime safety	**R-Mode Baltic**	Ranging mode for the Baltic Sea	German Aerospace Center (DLR), Germany	The project launches the development of a technical system that allows for safe ship navigation when the established Global Navigation Satellite Systems fail due to interference or jamming. The partners test broadcast signals transmitted via radio beacons and other existing infrastructure. This serves to develop prototypes for ranging mode transmitters and receivers. The Baltic Sea is the first operational test area for this technology worldwide. *Contact: simon.plass@dlr.de*

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		Project acronym	Project title	Lead Partner	Project top line
3 Transport	3.4 Shipping	**COMPLETE**	Completing management options to reduce risk of invasive species introduction by shipping	Kotka Maritime Research Assocation (KMRA), Finland	Shipping contributes to the uncontrolled introduction of invasive species to the Baltic Sea, which has severe environmental and economic consequences. COMPLETE supports the implementation of the new International Maritime Organization's convention on ballast water management by triggering regional cooperation, developing risk assessment procedures for ballast water management exemptions and setting a monitoring system of non-indigenous species in the Baltic Sea. *Contact: miina.karjalainen@merikotka.fi*
		ECOPRODIGI	Eco-efficiency for the maritime industry through digitalisation	University of Turku, Finland	ECOPRODIGI kick starts international collaboration between industry and academia to reduce the ecological footprint of transport vessels during their life-cycles through digitalisation. Research organisations mediate between technology developers and shipping companies, shipyards, suppliers and ports. Focusing on ferry and roll-on/roll-off shipping (i.e. wheeled cargo such as trucks and railroad cars), the partners analyse environmental inefficiencies, digitally simulate performance, and design business models for digital solutions. *Contact: eini.haaja@utu.fi*
	3.5 Urban mobility	**BSR electric**	Fostering e-mobility solutions in urban areas in the Baltic Sea region	Hamburg University of Applied Sciences, Germany	The project aims to enhance the use of electric vehicles in city transport systems such as public sector fleets, public transport and bike sharing in order to reduce CO2 emissions and pollution. The partnership of public authorities, business, academia and NGOs explores the potential of e-bikes, e-buses, e-ferries and other e-vehicles. The project guides municipalities and transport planners and operators as well as public and private fleet managers in integrating e-mobility into urban transport strategies. *Contact: walter.leal@haw-hamburg.de*

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		Project acronym	Project title	Lead Partner	Project top line
3 Transport	3.5 Urban mobility	**cities.multimodal**	Urban transport system in transition towards low carbon mobility	Hanseatic City of Rostock, Germany	The project wants to make it easier for people in cities around the Baltic Sea to combine walking, cycling, public transport and car-sharing as an environmentally friendly alternative to driving. The partners develop and apply an approach to sustainable urban mobility planning for such multimodal transport that is easy to adopt in other cities. It includes publicly visible mobility points and smartphone-based travel planning as well as a planners' handbook and a toolbox to manage mobility. *Contact: steffen.nozon@rostock.de*
		Sohjoa Baltic	Baltic Sea Region transitioning into eco-friendly autonomous last mile public transportation	Metropolia University of Applied Sciences, Finland	Public transport is not as flexible and accessible as private cars are in the Baltic Sea region. The project works towards increasing the attractiveness of public transport by improving offered services and introducing automated driverless electric minibuses, especially for the first and last mile of the journey. It proposes recommendations for environmentally friendly and smart automated public transport and guidelines on the organisational set-up. *Contact: juha.saaski@metropolia.fi*
		SUMBA	Sustainable urban mobility and commuting in Baltic cities	City of Hamburg, Borough of Altona, Germany	People living in the suburbs usually commute into the city centre by car. Offering an alternative combination of various transport modes, including bike and car sharing, is a way for cities to achieve a more sustainable, environmental friendly commuting system. The project helps urban and transport planners assess, plan, and integrate alternative mobility options into transport plans and policies of cities and municipalities. *Contact: uta.soltau@altona.hamburg.de*