

Title	Acronym	Funding programme	Duration	Topic	Coordinator (Institution)	Main objective	Partnership	Contact Name	webpage
<i>Apple and Peach in Mediterranean orchards: Integrating tree water status and irrigation management for coping with water scarcity and aphid control</i>	APMed	Programme ANR: Agricultural Research in the Mediterranean Area (Arimmet 2011) 2012	2012-2015	Agriculture and water	INRA-UMR Amélioration Génétique et Adaptation de Plantes Méditerranéennes et Tropicales (AGAP), France	The project aims to contribute to develop sustainable fruit production in a context of increasing ecological and climatic stresses. APMed will be centred on two high added-value fruits grown in most Mediterranean countries, Apple and Peach, to gain knowledge on how the fruit tree adapts to water scarcity and what are efficient means to improve fruit production in these contexts, including the possible reduction of aphid infestations.	Institut National de la Recherche Agronomique (INRA), Plantes et Systèmes Horticoles (PSH), France Northern R&D, MIGAL, Galilee Technology Center - SM60 Israel University of Bologna, EcoPhysiology Group, Department of Agricultural Sciences, Italy Miguel Almaraz University, Faculty of Sciences, Melilla, Morocco Institut de Recerca i Tecnologia Agroalimentàries (Cataluña) - Spain	Mr. Pierre-Eric LAURI Email: lauri@supago.inra.fr	<a href="http://arimmet2.net/index.php/researchprojects/apmed1presentation">http://arimmet2.net/index.php/researchprojects/apmed1presentation</a>
<i>The future of research on aquaculture in the Mediterranean Region</i>	AQUAMED	CSA-CA: Coordination (or networking) actions	2010-2013	Knowledge Based Bio-Economy (KBBE)	European Fisheries and Aquaculture Organisation, France	The fast development of the Mediterranean aquaculture (fresh-water, marine) is confronted to a set of difficulties e.g. inadequate production systems and competitiveness, interaction and space competition with other users and the need for a proper integration in the coastal zones, possible negative impact on the environment and negative image of the product quality. Aquaculture development in the Mediterranean countries is contrasted in terms of importance of the sector, domestic market demand, typology of the industry and research and development structures and capacities. Consequently, a strategy for a knowledge-based development of the activity has to be implemented using a flexible and concerted approach.	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, FRANCE INSTITUTE OF OCEANOGRAPHY AND FISHERIES, CROATIA INSTITUT NATIONAL DE RECHERCHE HALIEUTIQUE, MOROCCO THE AGRICULTURAL RESEARCH ORGANISATION OF ISRAEL - THE VOLCANI CENTRE, ISRAEL MINISTRY OF AGRICULTURE, LEBANON INSTITUT NATIONAL DES SCIENCES ET TECHNOLOGIES DE LA MER, TUNISIA MINISTRY OF AGRICULTURE AND RURAL AFFAIRS, GENERAL DIRECTORATE OF AGRICULTURAL RESEARCHES, PISTACHIO RESEARCH INSTITUTE, TURKEY NATIONAL INSTITUTE OF OCEANOGRAPHY AND FISHERIES, EGYPT UNIVERSITE D'ANNABA - LABORATOIRE BIORESSOURCES MARINES, ALGERIA AQUAULT UETP LTD, IRELAND	Mr. Antoine Doudat Tel: +33 1 46 48 22 56 Email: adoudat@ifremer.fr	<a href="http://www.aquamedproject.net/">http://www.aquamedproject.net/</a>
<i>Coordination of Agricultural Research in the Mediterranean</i>	ARIMNet	CSA-CA: Coordination (or networking) actions CA: Coordination (or networking) actions	2008-2013	KBBE	Institut National de la Recherche Agronomique, France	Agricultural research in the Mediterranean is characterised by three main features: it is scattered within the EU members and in Mediterranean Partner Countries as well as most of the problems and challenges that the Mediterranean agriculture is facing are shared by all the countries in the area and even further, its objectives are largely the same in the whole area, even if priorities can vary from one country to another, the conditions resulting from climate change as well as the objective of sustainable development and production need to rethink agricultural research in all the countries and to begin its alignment in the whole area to increase its impact.	CENTRE DE COOPERATION INTERNACIONAL EN RECHERCHE AGRONOMIQUE POUR LE DEVELOPPEMENT, France MINISTERO DELLE POLITICHE AGRICOLE ALIMENTARI E FORESTALI, Italy INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE D'ALGERIE, Algeria INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA, Spain MINISTRY OF FOOD AGRICULTURE AND LIVESTOCK, Turkey THE AGRICULTURAL RESEARCH CENTER, Egypt FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA, Portugal INSTITUT AGRONOMIQUE ET VÉTÉRINAIRE HASSAN II, Morocco HELLINIKOS GEORGIKOS ORGANISMOS O.DIMITRA, Greece INSTITUTION DE LA RECHERCHE ET DE L'ENSEIGNEMENT SUPERIEUR AGRICOLES, Tunisia MINISTRY OF AGRICULTURE, NATURAL RESOURCES AND ENVIRONMENT OF CYPRUS, Cyprus MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT, Israel NATIONAL AGRICULTURAL RESEARCH FOUNDATION, Greece	Mr. Michel DODET Tel: 0033-1-42 79 96 80 Email: michel.dodet@paris.inra.fr	<a href="http://www.arimnet.net/">http://www.arimnet.net/</a>
<i>Coordination of the Agricultural Research in the Mediterranean</i>	ARIMNet2	CSA-CA: Coordination (or networking) actions	2014-2017	KBBE	INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	Agricultural research in the Mediterranean is characterised by three main features: it is scattered within the EU members and in Mediterranean Partner Countries as well as most of the problems and challenges that the Mediterranean agriculture is facing are shared by all the countries in the area and even further, its objectives are largely the same in the whole area, even if priorities can vary from one country to another, the conditions resulting from climate change as well as the objective of sustainable development and production need to rethink agricultural research in all the countries and to begin its alignment in the whole area to increase its impact.	ACADEMY OF SCIENTIFIC RESEARCH AND TECHNOLOGY ASRT (EGYPT)	Dr. Florence Jacquet Tel: +33 611702248 Email: flojacquet@paris.inra.fr	<a href="http://arimnet2.net">http://arimnet2.net</a>
<i>Baltic Forum for Innovative Technologies for Sustainable Manure Management &amp; Baltic Manure</i>	Baltic Manure	European Regional Development Fund	2010-2013	Water, Food, Energy	MTT, Agrifood Research, Finland	Baltic Manure aimed to formulate common manure standards to enhance an advanced agronomically and environmentally sound manure management in the Baltic Sea Region by improving the knowledge on manure and sustainable manure handling techniques.	Agrifood Research Finland (MTT), FINLAND Finnish Environment Institute (SYKE), FINLAND Agro Business Park A.S, Denmark Aarhus University, Denmark University of Southern Denmark, DENMARK Swedish Institute of Agricultural and Environmental Engineering (LTI), SWEDEN Julius Kühn Institut (JKI), GERMANY Bioscience University of Life Sciences, ESTONIA University of Rostock, GERMANY Green Federation GAIA, POLAND University of Helsinki, FINLAND University of Gdanek, POLAND Latvia University of Agriculture, LATVIA Lithuanian Research Centre for Agriculture and Forestry, LITHUANIA Biogas Association Mecklenburg-Vorpommern, GERMANY Svevia SWICAST AB, European Energy Network, SWEDEN Turku Science Park, FINLAND Estonian Research Institute of Agriculture, ESTONIA	MTT, Agrifood Research, Finland, baltic.manure@mtt.fi	<a href="http://www.balticmanure.eu">www.balticmanure.eu</a>
<i>Boosting Best Available Technologies in the Mediterranean Partner Countries</i>	BATAMED	FP7	2011-2013	Water pollution prevention and control in key industrial sectors	Instituto Andaluz de Tecnología, Spain	BATAMED aims to analyse the potential impact of the introduction of the Integrated Pollution Prevention and Control (IPPC) concept in the Mediterranean Partner Countries (MPC) and, more specifically, if this can contribute to minimise the negative impacts associated with polluting industries.	Instituto Andaluz de Tecnología, Spain Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna, Italy Vlaamse Instelling voor Technologisch Onderzoek v.v. Belgium Agència de Residus de Catalunya, Spain National Institute of Metrology, Agency, Egypt Centre International des Technologies de l'Environnement de Tunis, Tunisia Centre Marocain de Production Propre, Morocco Centre Marocain de Production Propre, Morocco	Eva Pérez (Project Coordinator) Tel: +34 954 46 80 10 E-mail: evaperez@iat.es	<a href="http://www.batamed.org/en/project">http://www.batamed.org/en/project</a>
<i>Bridging Europe and Third countries closer together through renewable energies</i>	BETTER	Intelligent Energy-Europe (IEE) co-funded	2012-2015	Energy Renewable energy production	Centro de Investigaciones Energéticas, Tecnológicas y Medioambientales, CIEMAT (SPAIN)	It addresses RES (Research Energy Skills) cooperation between the EU and third countries. Through case studies, stakeholders involvement and integrated analysis, it investigates to what extent cooperation with third countries can help Europe achieve its RES targets in 2020 and beyond, trigger the deployment of RES electricity projects in third countries and create synergies and win-win circumstances for all involved parties. Case studies are in North Africa, the Western Balkans and Turkey (Associated members)	Centre de Recerca Energètica, Mediana Tecn (SPAIN) Deutsches Zentrum für Luft- und Raumfahrt e.V (GERMANY) Forschungsgesellschaft mbH (AUSTRIA) National Technical University of Athens (GREECE) Observatoire Méditerranéen de l'Energie (FRANCE) Potsdam Institute for Climate Impact Research (GERMANY) Vienna University of Technology (AUSTRIA) United Nations Development Programme (INTERNATIONAL)	Dr. Natalia Caldes Gómez Tel: +34 91 3466356 Email: natalia.caldes@ciemat.es	<a href="http://better-project.net/">http://better-project.net/</a>
<i>Dialogue and participation for water management planning</i>	BEWATER	FP7-SCIENCE-DS-SOCIETY	2011-2017	Water	Centre for Ecological Research and Forestry Applications (CREAF)	The Be-Water project promotes dialogue and collaboration between science and society for sustainable water management and adaptation to the impacts of global change in the Mediterranean. In four Case Study River Basins across the Mediterranean, newly developed methodologies integrating physical, ecological, social and management processes are used to develop Water Management Options.	Centre for Ecological Research and Forestry Applications, Spain Aebssa Environmental Consulting (AEC) Italy Cooperation Blue (CBUE), Netherlands Ecologic Institute (Ecologic) Germany Europe for Business (EFB), UK European Forest Institute, Mediterranean Regional Office (EFMED), Spain Global Water Partnership- Mediterranean Centre Institute for Water of the Republic of Slovenia (IZVRS), Slovenia Joint Research Centre of European Commission (JRC) Italy National Research Institute of Rural Engineering, Water and Forests (NRGREF) Tunisia Prosper BVBA (Prosper) Belgium The Cyprus Institute (CyI) Cyprus	Anabel Sánchez Project Coordinator +34 93 581 4675 anabel@creaf.uab.es	<a href="http://www.bewaterproject.eu/">http://www.bewaterproject.eu/</a>
<i>Improvement of research capacities of Centre of Biotechnology of Sfax "CBS" in Bio-Process for biotech applications, in line with the European Research Area</i>	BioProtech	FP7-ERA-WIDE action	2010-2013	Food	Centre de Biotechnology of Sfax (CBS)	The project aims to improve CBS capacities in bioprocesses development, technology transfer mechanisms, know-how about the EU research framework program and bioeconomy competencies.	Centre de Biotechnologie de Sfax, Tunisia Steinbeis Research Center Technology Management Northeast Steinbeis Forschungs- und Entwicklungszentren GmbH, Germany National Institute of Applied Sciences of Toulouse (France) Bioscience Park, Sfax, Tunisia Bioscience Park, Sfax, Tunisia S.P.A. Colferias, Gassano, Italy Bio-Pred, Perinone, innovation Cluster, Italy International Centre For Genetic Engineering and Biotechnology, Trieste, Italy University of Claude-Bernard Lyon 1, FRANCE	Hammadi Ayad +216 74 446816 hammadi_ayad@infm.tn.tn	<a href="http://bioprotech.org/bioprotech-project/">http://bioprotech.org/bioprotech-project/</a>
<i>Turning Biowaste into sustainable products: development of appropriate conversion technologies applicable in developing countries</i>	Biowaste4SP	CP: Collaborative project	2012-2015	KBBE	TEKNOLOGISK INSTITUT, Denmark	The project will develop environmentally appropriate and socio-economically sustainable biotechnological processes for covering biodegradable fractions of municipal African and Mediterranean agricultural and industrial waste as well as fractions of municipal and animal solid waste into food, feed, value-added products for nutraceuticals and healthcare, biogas and organic based fertilizer. Integrated processes will combine sugar conversion from mainly amylopectins and starch materials into protons (for food and feed) with biogas and fertilizer production done in co-digestion of municipal solid waste and manure. Left over sugar from protein production will be used to produce specialty bacteria to upgrade the fertilizer and for fruit waste storage and food conservation. The technologies to be developed will rely on simple and locally available equipment and naturally occurring microorganisms. Life cycle analysis and socio-economic studies will be undertaken to ensure local applicability in the target countries.	IVL SVENSKA MILJÖINSTITUTET AB, Sweden TÜRKİYE BİLİMSEL VE TEKNOLOJİK ARAŞTIRMA KURUMU, Turkey SINER HIRIHAD, Malaysia COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, Ghana COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, South Africa THE AGRICULTURAL RESEARCH CENTER, Egypt UNIVERSITA' DEGLI STUDI DI SIENA, Italy INSTITUT AGRONOMIQUE ET VÉTÉRINAIRE HASSAN II, Morocco DANMARKS SVENSKES UNIVERSITET, Denmark ETHEKWINI MUNICIPALITY, South Africa MALAYSIA AGRICULTURE HIGH TECH SDN BHD, Malaysia BIOVOLUTION INTERNATIONAL AB, Sweden ASSOCIATION MAROCAINE DES DECHETS SOLIDES, Morocco AFRICAN INSTITUTE FOR CAPACITY DEVELOPMENT, Kenya WORLD ASSOCIATION OF INDUSTRIAL AND TECHNOLOGICAL RESEARCH ORGANIZATIONS, Malaysia	Dr. Anne-Belinda Bjørre Tel: +4572202912 Email: ANBJ@iohi.dk	<a href="http://www.biowaste4p.eu/0Web/Home/0Biowaste4SP/index.html">http://www.biowaste4p.eu/0Web/Home/0Biowaste4SP/index.html</a>
<i>Capacity Building for Direct Water Reuse in the Mediterranean</i>	CB-WR-MED	FP7-INCO	2010-2013	Water	CENTRE DE RECHERCHES ET DES TECHNOLOGIES DES EAUX, TUNISIA	The project aims at developing the capacity of CERTe at the vision of realizing the centre as a regional and international centre of excellence dealing with water monitoring, testing, and research. It is hoped that within the next three to five years more research partnerships between EU and CERTe (and the Tunisian researchers in general) will be established tackling water and environmental problems common to both sides. The constitution of a permanent water cluster alliance that will provide and promote opportunity to participate in R&D in MED-EU and international level. It will lead to work closely with Stakeholders (in involved departments in ministries, NCP) to increase the impact and insert the CERTe into national plans and strategy.	CERTe - Centre of Water Researches and Technologies (TUNISIA); POLITO - Politecnico di Torino (ITALY); CNRS-LRGP - National Center for Scientific Research (FRANCE); CTM - Fundació CTM Centre Tecnològic (SPAIN); EFB - Europe for Business (BELGIUM)	Latifa Boussidi, Professor, latifa.boussidi@certe.rnrt.tn	<a href="http://www.cbwrmed-project.eu">http://www.cbwrmed-project.eu</a>

Cooperation for Innovation in the Agro-Food Domain	CINEA	FP7 (R21 cluster)	2013 - 2016	Food and agriculture	GIRAF PM Services GmbH, Germany	CINEA is an EC-funded supporting action that aims to strengthen the overall competitiveness and sustainability of the EU-Mediterranean food industry by realising the cooperation with relevant Mediterranean Partner Countries on bridging the existing gap between research and innovation in the area of food and agriculture research.	GIRAF PM Services - Germany Centre de Recherche Scientifique - France Centre for New Food Technologies and Processes - Spain University of Alicante General Foundation Spain Université Mohammed El-Bachir El-Mechaiech Morocco Confédération Générale des Entreprises du Maroc Morocco Centre for Biotechnology de Sfax Tunisia Université de Sfax, Tunisia	Dr. Andrea Luchini Email: a.luchini@giraf-pm.com Phone: +49 152 37598989	www.cinea-med.eu; <a href="http://www.etera2020.eu/r21-clusters/11-misc-clusters/8-cooperation-to-foster-innovation-and-exploitation-in-the-agro-food-domain-cinea-eu-med.html">http://www.etera2020.eu/r21-clusters/11-misc-clusters/8-cooperation-to-foster-innovation-and-exploitation-in-the-agro-food-domain-cinea-eu-med.html</a>
Cluster Development med	CLUSEV MED	Horizon 2020 - Marie Skłodowska - Curie Research and Innovation Staff Exchange (RISE)	2015 - 2019	Agribusiness agro food, food security - Energy - Water	Università Degli Studi Roma tre, Italy; UMR Amélioration Génétique et Adaptation des Plantes Méditerranéennes et Tropicales (AGAP)	ClusterMed aims to foster the EU-MPC public-private partnership and to uptake research results by developing and promoting a more efficient use of Research Development and Innovation Frameworks and resources such as information, innovation and business support, standards, products, tests and analysis ... In terms of promoting clusters excellence for sustainable knowledge transfer, the project aimed to deal with the improvement of the synergy and interaction between Knowledge - Triangle (Research, Education and Innovation) in water-energy-food areas (WEF-Nexus) between EU and Mediterranean countries. ClusterMed is also aiming to establish an RTI Management Academy in the MEDA region in order to create qualified generations of professional WEF-RTI administration elites/clusters managers/pioneer entrepreneurs, based on implementation of interlinked learning methodologies (workshops, training courses, clearing, pedagogy and blended). The project aims to contribute to develop sustainable fruit production in a context of increasing ecological and climatic stresses. APMed will be centred on two high added-value fruits grown in most Mediterranean countries, Apple and Peach, to gain knowledge on how the fruit tree adapts to water scarcity and what are efficient means to improve fruit production in these contexts, including the possible reduction of applied infrastructures.	Istanbul Teknokent Anonim Sirketi, Turkey Investment Utrecht, Netherlands Streekt Agro-Regionale Innovatiecentra, Scl, Italy Yıldırım Gedimio Technika Universitetis, Lithuania Università del Piemonte Orientale, Italy University of Sidi Mohammed Ben Abdellah of Fez Academic of Scientific Research and Technology (ASRT)	Pierre-Eric LAURI	<a href="http://cordis.europa.eu/project/rcn/19663/0_en.html">http://cordis.europa.eu/project/rcn/19663/0_en.html</a>
Integrated infrastructure for CO2 transport and storage in the west Mediterranean	COMET	CP: Collaborative project	2010-2013	Energy	INSTITUTO NACIONAL DE ENGENHARIA, TECNOLOGIA E INOVACAO, Portugal	COMET aims at identifying and assessing the most cost effective CO2 transport and storage infrastructure able to serve the West Mediterranean area, namely Portugal, Spain and Morocco. This is achieved considering the time and spatial aspects of the development of the energy sector and other industrial activities in those countries as well as the location, capacity and availability of potential CO2 storage geological formations. Special attention is given to a balanced decision on transport modes, matching the sources and sinks, addressing safety and lifetime objectives, meeting optimal cost - benefit trade-off, for a CCS network infrastructure in part of an international cooperation policy. The need for a joint CCS infrastructure in the West Mediterranean is related to the geographical proximity, to the increasing connections between the energy and industrial sectors in the area, to the continuity of sedimentary basins that can act as possible storage reservoirs and to the existing experience in managing a large gas transport infrastructure, such as the natural gas pipeline coming through Morocco, to Spain and Portugal.	UNIVERSIDADE DE EVORA, Portugal UNIVERSITEIT UTRECHT, Netherlands INSTITUTO GEOLOGICO Y MINERO DE ESPAÑA, Spain BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES, France UNIVERSITY MOHAMMED VI-AGDAL, Morocco OFFICE NATIONAL DES HYDROCARBURES ET DES MINES, Morocco UNIVERSITE MOHAMMED PREMIER 161 MP, Morocco INSTITUTO DI SISTEMI ANALITICI, TECHNOLOGY AND RESEARCH ENERGY MODELS, Italy CENTRO DE INVESTIGACIONES ENERGETICAS, MEDIOAMBIENTALES Y TECNOLOGICAS-CIEMAT, Spain FUNDACAO DA FACULDADE DE CIENCIAS E TECNOLOGIA DA UNIVERSIDADE NOVA DE LISBOA, Portugal FORSCHUNGSBEREICH FULCH GMBH, Germany EIP - GESTAO DA PRODUCAO DE ENERGIA SA, Portugal ENDESA GENERACION SA, Spain GALP ENERGIA SA, Portugal OFFICE NATIONAL DE L'ELECTRICITE, Morocco FEIO ENERGA S.A., Portugal INSTITUTO NACIONAL DE ENGENHARIA, TECNOLOGIA E INOVACAO, Portugal	Dr. Dulce Boavida Tel: +351 210924778 Email: dulce.boavida@inet.pt	<a href="http://www.cometproject.eu">http://www.cometproject.eu</a>
Coordinating research in support to application of EAF (Ecosystem Approach to Fisheries) and management advice in the Mediterranean and Black Seas	CREAM	CSA-CA: Coordination (or networking) actions	2011-2013	KIBBI	Mediterranean Agronomic Institute of Zaragoza / International Centre for Advanced Mediterranean Agronomic Studies, Spain	The Coordinating Action (hereafter 'the project') will establish an effective collaboration network among key role players in Mediterranean and Black Sea fisheries research and management. The participants in the project include national research institutes from Mediterranean and Black Sea countries with a long history and active participation in fisheries research and assessment, who provide advice to national, regional and international fisheries management organisations. The project will seek the active collaboration of regional and international fisheries management organisations as external participants in the project, in order to identify the gaps in terms of data, knowledge, training, coordination) which hamper at present the full application of the Ecosystem Approach in the management of Mediterranean and Black Sea fisheries.	AGENCIA ESTADAL CONSELHO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Spain HILLENB CENTRE FOR MARINE RESEARCH, Greece CONSORZIO PER IL CENTRO INTERUNIVERSITARIO DI BIOLOGIA MARINA ED ECOLOGIA APPLICATA G. BACCI, Italy UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA, Italy INSTITUT FRANCAIS DE RECHERCHES POUR L'EXPLOITATION DE LA MER, France INSTITUT DE RECHERCHES POUR LE DEVELOPPEMENT, France INSTITUTO ESPAÑOL DE OCEANOGRAFIA, Spain CONSIGLIO NAZIONALE DELLE RICERCHE, Italy INSTITUT NATIONAL DE RECHERCHES HALIEUTIQUE, Morocco JERU UNIVERSITES, Turkey INSTITUTUL NATIONAL DE CERETARE DEZVOLTARE MARINA GRIGORE ANTIPA, Romania INSTITUTE OF OCEANOLOGY - BULGARIAN ACADEMY OF SCIENCES, Bulgaria RUSSIAN FEDERAL RESEARCH INSTITUTE OF FISHERIES AND OCEANOGRAPHY, Russia SOUTHERN SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY, Ukraine ALEXANDRIA UNIVERSITY, Egypt INSTITUTE OF ANGIOGRAPHY AND FISHERIES, Croatia AMERICAN UNIVERSITY OF BEIRUT, Lebanon MINISTRY FOR SUSTAINABLE DEVELOPMENT, THE ENVIRONMENT AND CLIMATE CHANGE, Malta MINISTRY OF AGRICULTURE, NATURAL RESOURCES AND ENVIRONMENT OF CYPRUS, Cyprus WATER ECOLOGY AND FISHERIES RESEARCH INSTITUTE UNION, Georgia	Dr. Dariusz Gahleitner Tel: +351 976 716000 Email: lutz@amu.cream.org	<a href="http://www.cream-fp7.eu/">http://www.cream-fp7.eu/</a>
Improved Drought Early Warning and Forecasting to strengthen preparedness and adaptation to droughts in Africa	DEWFORA	FP7-ENVIRONMENT	2011-2013	WATER	STICHTING DELTARES, Netherlands	The principal aim of the DEWFORA project was to develop a framework for the provision of early warning and response to mitigate the impact of droughts in Africa. Four comparative case studies (Lampopo, Niger; Nil and Oum el Ribaa) were used to implement, assess and refine the improved methodologies developed within the project. In Morocco, the lack of effectiveness of public policies towards drought management is in part a consequence of the poor understanding of drought vulnerability at the rural community level, which prevents the development of efficient mitigation actions and adaptation strategies, tailored to the needs and specificities of each rural community. Thus, in the framework of the Dewfora project, the aim of this initiative is to assess and map drought vulnerability at the rural community level in the Oum El-Ribaa basin which is a very heterogeneous basin, showing a big variability in climatic, landscape, cropping systems and social habits. The proposed Drought vulnerability maps can allow detecting differences in vulnerability in the different rural communities providing, therefore, a tool for more effective drought management practices.	UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION - UNESCO, France EUROPEAN CENTRE FOR MEDIUM-RANGE WEATHER FORECASTS, United Kingdom JEC - JOINT RESEARCH CENTRE, EUROPEAN COMMISSION, Belgium POTSDAM INSTITUTE FOR CLIMATE AND ENVIRONMENT, Germany HELMHOLTZ ZENTRUM POTSDAM DEUTSCHES FORSCHUNGSZENTRUM GFZ, Germany UNIVERSIDAD POLITÉCNICA DE MADRID, Spain Mediterranean Agronomic Institute of Zaragoza / International Centre for Advanced Mediterranean Agronomic Studies, Spain UNIVERSIDADE DO PORTO, Portugal STICHTING WETLANDS INTERNATIONAL, Netherlands INSTITUTE OF WATER RESOURCES AND REGULATION, Egypt INDER CENTRE FOR ENVIRONMENTAL RESEARCH LIMITED, Sudan ROAD CENTRE FOR CLIMATE PREDICTION AND APPLICATION, Kenya UNIVERSITÄT EDUARD MUNDLAKE, Mozambique COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, South Africa WV Nyberg and Associates, South Africa INSTITUT AGRONOMIQUE ET VÉTÉINAIRE HASSAN II, Morocco WATERNET TRUST, Botswana	Dr. Yasmine Imami y.imami@gmail.com	Imami <a href="http://www.dewfora.net">http://www.dewfora.net</a>
Science per la DIPLOMAzia	DIPLOMA	Ministero degli Affari Esteri - Direzione Generale Cooperazione allo Sviluppo	2013-2014	Food, Water	Consiglio Nazionale delle Ricerche, Italy	The project aims at spreading to students and stakeholders of the Mediterranean countries the knowledge on the sustainable use of agricultural resources (Plant Genetic Resources, water supplies, etc.) to face the sustainability needs of the Mediterranean region and to cope with the climate change challenge. The students will be made aware of the state-of-the-art knowledge and techniques regarding sustainability in agriculture, and will be trained on job in research activity and complementary with their specific background.	CNR-IRISA and Public Bodies of the following Countries: Bosnia, Serbia, Albania, Montenegro; Lebanon, Egypt, Tunisia, Morocco	Domenico Pignone - Research Director in the area of Genetic Resources (domenico.pignone@cnr.it); Mauro Gamboni - Manager of the Departmental Project Sustainable Agriculture (mauro.gamboni@cnr.it)	<a href="http://www.cnr.it/silvcon/ICNR/Attivita/AttivitaInternazionali/diplomazia_progno_mma.html">http://www.cnr.it/silvcon/ICNR/Attivita/AttivitaInternazionali/diplomazia_progno_mma.html</a> ; <a href="http://www.dna.cnr.it/index.php/it/progr_mma-diplomazia">http://www.dna.cnr.it/index.php/it/progr_mma-diplomazia</a>
Environmental Optimization of Irrigation Management with the Combined use and Integration of High Precision Satellite Data, Advanced Modelling, Process Control and Business Innovation	ENORASIS	FP7-ENVIRONMENT	2012-2014	Water sustainable water management	DRAXIS ENVIRONMENTAL S.A. Greece	The core aim of the project is to develop an Integrated Decision Support System for environmentally optimized irrigation management by farmers and water management organizations based on advanced technologies and models.	DRAXIS Environmental S.A. Greece Research Institute for Environment Research, University of Cologne (RIU), Germany Institute of Soil Science and Plant Cultivation-State Research Institute (IUNG-PIB) Poland Norveth, S.A.S, France Faculty of Technical Sciences, University of Novi Sad, BioSense centre Serbia Inuadi Real Innovation S.L Spain The Cyprus Institute, Cyprus University of Patras Greece Institute of Earth Sciences (SUPSI) Switzerland Toluno Ltd Turkey Unisoft Romania S.A. Romania Q-PLAN North Greece Ltd Greece Public Water Management Company "Vode Vojvodine" Serbia	Mr. Grigoris Chariziotas Draxis Environmental Technologies chariziotas@draxis.gr	<a href="http://www.enorasus.eu/">http://www.enorasus.eu/</a>
Empowering Trans-Mediterranean Renewable Energy Research Alliance for Europe 2020 challenges	ETERRA2020	FP7-INCO	2013-2016	Energy	INNOVA BIC, Italy	The project aims to improve S&T and entrepreneurial relationship between European Member States and the neighbouring Mediterranean countries in the strategic field of renewable energy production, distribution and storage.	INNOVA BIC-Italy The Association of European Renewable Energy Research Centres - EUREC Belgium Institute for Advanced Energy Technologies Italy Centre for Renewable Energy Sources and Saving (CRESS) Greece Energy Research Centre (ERC) at An-Najah National University (ANNU) Palestine European Business & Innovation Centre Network Belgium Research and Technology Center of Energy, Tunisia UNIVERSITE DE NANTES6 Politech Nantes France ILIEZ TECHNICAL UNIVERSITY - Yildiz Turkey TUBITAK Turkey Kad. Ayyad University Morocco ASOCIACION MADRID NETWORK, Spain	Alberto Soraci +3906716030 a.soraci@innovabici.it	<a href="http://www.etera2020.eu/">http://www.etera2020.eu/</a>
Euro-mediterranean cooperation on research & training in sun based renewable energies	EUROSUNMED	FP7-ENERGY	2013-2017	Energy	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, France	The scientific targets of the EURO-SUNMED project are the development of new technologies in three energy field areas, namely photovoltaics (PV), concentrated solar power (CSP) and grid integration (GI), in strong collaboration with research institutes, universities and SMEs from Europe in the north side of the Mediterranean sea and from Morocco and Egypt from the south of the sea. The focus in PV will be solar cell and module while the goal in CSP will be solar tower to design and test a heliostats as well as novel solutions for energy storage compatible with these technologies. The project aims at producing components that will be tested under specific conditions of MPC (hot climate, absence of water, etc.). Such investigations are complemented with studies on grid integration of energy sources from PV and CSP in Morocco and Egypt context. Additionally, the consortium envisages to train PhD students and post-docs in these interdisciplinary fields in a close and fruitful collaboration between academic institutions and industry from EU and MPC.	STPTELSEN SISTEEM (SINTEP), Newswy SINTEP ENERGI AS SINTEP ENERGIAS, Norway FUNDACION CENTER CIEMAT (CENR), Spain FUNDACION IENKEMER IKA-TEKNIKER, Spain EUROPEAN RENEWABLE ENERGY CENTRES AGENCY EEC (EUREC), Belgium EUROPEAN MATERIALS RESEARCH SOCIETY (EMRS), France CENTRE NATIONAL DE RECHERCHE DES SCIENCES ET TECHNOLOGIQUES NUCLEAIRES (CNRS-NTN), Morocco CENTRE NATIONAL POUR LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE (CNRS), Morocco Moroccan Foundation for Advanced Science, Innovation and Research (MAS-IR), Morocco Mohammed VI University - Agdal (UMSA), Morocco UNIVERSITE AL-AKHAWAYN D'IRANE (AUI), Morocco MORCCAN AGENCY FOR SOLAR ENERGY SA Moroccan Agency for Morocco HIL WAN UNIVERSITY (HU), Egypt ALEXANDRIA UNIVERSITY, Egypt TURKODEN SRL, TURKODEN, Italy NILE VALLEY ENGINEERING COMPANY PARTNERSHIP (NVE), Egypt	<a href="http://www.eurosunmed.eu/forms/contact-us">http://www.eurosunmed.eu/forms/contact-us</a>	<a href="http://www.eurosunmed.eu/">http://www.eurosunmed.eu/</a>

Enhancing Forest Research in the Mediterranean through improved coordination and integration	FORESTERRA	FP7-KBBE	2012 - 2015	Resources of the Sea, Fisheries	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD (MINECO), Spain	The project aims to promote sustainable forest management, including the management of forest resources to mitigate and adapt to climate threats through scientific coordination and integration of Mediterranean programmes in forest research as well as the scientific cooperation with countries of the Mediterranean area (including EU and non-EU member states) and with countries from other MCs. Ministry of Economy and Competitiveness MINECO (Spain) Mediterranean Agronomic Institute of Zaragoza Spain Ministère de l'Agriculture, de l'Agroalimentaire et de la Forêt MAAF (France) Ministero delle Politiche Agricole Alimentari e Forestali MIPAAF (Italy) Ministry of Forest and Waters, General Directorate of Forestry, Southeast Anatolia Forest Research Institute SAFRI (Turkey) European Forest Institute EFMD (International) Secretariat Kingiyya per la Ricerca e Sperimentazione in Agricoltura CRA (Italy) Institut National de la Recherche Agronomique INRA (France) Fundação para a Ciência e a Tecnologia FCT (Portugal) Instituto de la Investigación y Tecnología Agrarias y Alimentaria IITA (Spain) Haut Commissariat aux Eaux et Forêts et à la Lutte Contre la Désertification HCEFLCD (Morocco) Executive Forest Agency at the Ministry of Agriculture and Food FA (Bulgaria) Ministry of Agriculture and the Environment MAE (Slovenia) Ministerstvo Znanosti, Obrazovanja i Športa MZOS (Croatia) Ministry of Environment Energy and Climate Change MEECC (Greece) Ministère de l'Agriculture et de Développement Rural, Institut National de Recherche Forestière INRF (Algeria) Ecosystèmes Forestiers ECOFOR (France)	David González foresterra@mineco.es http://www.foresterra.eu/	
Fostering Partnerships for the implementation of best available technologies for water treatment and management in the Mediterranean	FPBATHW	FP7-INDCO	2013 - 2016	Water	Universitat Autònoma de Barcelona, Spain	FPBATHW is a coordination and support action addressed to foster partnerships and networking aiming to implement the best available water treatment technologies in the MPC region by promoting the interaction between highly qualified members, both from EU and MPC, of the knowledge value chain on water treatment and corresponding stake holders community Centre For Water Research And Technologies, Tunisia Chamber Of Commerce and Industry of the Center, Tunisia High School Of Sciences And Technologies Of Hammam Sousse, Tunisia National Agency For Environmental Protection, Tunisia Consiglio Nazionale Delle Ricerche, Institute Of Agro-Environmental And Forest Biology And Water Research Institute, Italy INNOVARE, Italy INNOVA BRC, Italy Jordan Small And Medium Enterprises Industrial Association, Jordan Millennium Energy Industries (MEI), Jordan National Authority For Remote Sensing And Space Sciences, Egypt Palestinian Technical University Of Kado, Palestine IAR Research Park, Spain Universitat Autònoma de Barcelona, Spain	Mamuel Valente Mahmago email: mamuel.valente@ub.es Phone: +34 93 581 29 03 / +34 93 581 49 38 http://www.fpbathw.eu	
Development of Hybrid Renewable Energy, RO Desalination System and Mitigates for remote and desert areas in Egypt	HYRE-ROS		48	Energy	Alexandria University, Egypt	The main objective is the development, installation, testing and evaluation (technically and socially) of the performance of three phase Hybrid RE coupled with RO water desalination unit and the creation of smart micro grids for the remote desert areas of Egypt. Alexandria University, Egypt; Renewable Energy Society (RES), NGO	Abdelwahab Shalaby Kassem, Professor, 002022745581, asm_kassem@yahoo.com www.hyre-ros.alexu.edu.eg	
Integrated control of neglected zoonoses: improving human health and animal production through scientific innovation and public engagement	ICONZ	CP-SICA - Collaborative project for specific cooperation activities dedicated to international cooperation partner countries	2009-2014	KBBE	The University of Edinburgh	This project aims at improving Human Health and Animal Production in developing countries through Integrated Control of Neglected Zoonoses in animals, based on Scientific Innovation and Public Engagement. Neglected zoonoses, such as anthrax, rabies, brucellosis, bovine TB, zoonotic trypanosomiasis, echinococcosis, cysticercosis and leishmaniasis, are major causes of ill-health in developing countries in Africa, Asia and Latin America. Production animals and companion animals of significant societal value act as reservoirs for transmission to man, and the burden of these diseases on affected communities is compounded by the adverse effects many diseases have on the productivity of livestock and hence the livelihoods of the poor. Control of these diseases in animals presents an opportunity to address the constraints they pose to both human health and animal productivity, thereby contributing to poverty reduction and the MDGs. Effective control in animals will require scientific innovation to identify and (where necessary) develop tools for diagnosis, for quantification of disease burdens, and for control. Public engagement at all stakeholder levels will be needed to ensure that strategies are appropriate for use in affected communities and are adopted within the policy framework of affected countries. PRINS LEOPOLD INSTITUUT VOOR TROPISCHE GENESKUNDE, Belgium KOBENHAVNS UNIVERSITET, Denmark UNIVERSITÄT LYON 1 CLAUDE BERNARD, France FRIEDRICH LOEFFLER INSTITUT - BUNDESFORSCHUNGSINSTITUT FUER TIERGESUNDHEIT, Germany UNIVERSIDADE DO MINHO, Portugal UNIVERSIDAD DE NAVARRA, Spain KAROLINSKA INSTITUTET, Sweden SCHWEIZERISCHES TROPEN- UND PUBLIC HEALTH-INSTITUT, Switzerland THE UNIVERSITY OF LIVERPOOL, United Kingdom LABORATOIRE CENTRAL VETERINAIRE, Mali INSTITUT AGRONOMIQUE VÉTÉRIINAIRE HASSAN EL MAROUKI UNIVERSIDADE EDUARDO MONDLANI, Mozambique NATIONAL VETERINARY RESEARCH INSTITUTE, Nigeria KABAREBE UNIVERSITY, Uganda STELLENBOSCH UNIVERSITY, South Africa SOKORNE UNIVERSITY OF AGRICULTURE, Tanzania UNIVERSITY OF ZAMBIA, Zambia AVIA-GIS BVBA, Belgium LABOUR LIMITED PARTICIPATION ENDED, UNITED Kingdom INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE, Korea AGENCE NATIONALE DE LA SECURITE SANITAIRE DE L'ALIMENTATION DE L'ENVIRONNEMENT ET DU TRAVAIL, France	Dr. Mark Charles Eider Tel: +44 131 651392 Email: mark.eider@ed.ac.uk http://cordis.europa.eu/project/rcn/9029_en.html	
Building a more effective pathway leading from research to innovation through cooperation between the European Union and Eastern Partnership countries in the field of energy efficiency	INNOVER-EAST	FP7-INDCO	2014-2017	Energy	BAY ZOLTAN ALKALMAZOTTI KUTATASI KOZHASZNU NONPROFIT KFT Hungary	The project targets five countries of the Eastern Partnership (in short, EPCs: Armenia, Azerbaijan, Belarus, Georgia and Ukraine) intends to overcome the bottlenecks of innovation and to bridge effectively the gap between research and innovation; between researchers and business in the field of energy efficiency. Bay Zoltan Nonprofit Ltd. for Applied Research (BZN) Hungary storazio Per l'area di Ricerca Scientifica e Tecnologica di Trieste - AREA Science Park Italy BIAAFI (BIAAF) Belarus Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere (BelSI) Belarus ODO ENKA (ENKA) Belarus Ivano-Frankivsk National Technical University of Oil and Gas (IFNTUOG) Ukraine Sustainable Development of Energy, Water and Environment Systems (SDEWES) Centre, Croatia European Alliance for Innovation (EAI), Belgium Center for Research and Telecommunications Experimentation for Networks communities (CREATE-NET), Italy Science Development Foundation of the National Academy of Sciences of Armenia (SDFE NAS RA), Armenia Climate Protection and Energy Efficiency Center (CPEC) Center, Azerbaijan Republic ICEG European Center (CEG) Hungary Center for Research and Technology Hellas (CERTH), Greece INTRASOFT INTERNATIONAL S.A. (INTRASOFT) Luxembourg Energy Efficiency and Environmental Protection Centre (EEAEP) Georgia	Kladija Tvergyak Tel: +46 14616533 Email: kladija.tvergyak@byzotah.hu http://innovereast.eu/	
Support innovation in the Renewable Energy & Energy Efficiency (REE&EE) sector in the Mediterranean basin.	MAGHRENOV	FP7-INDCO(R) cluster	2013-2016	Renewable Energy & Energy Efficiency	KIC INNOENERGY SE	MAGHRENOV addresses Mediterranean innovative markets in the field of Renewable Energies and Energy Efficiency (RE&EE) to explore practical methods devoted to capacity building and to fostering innovation on Mediterranean RE&EE markets; favour synergies between EU and MPC initiatives both for the development of sustainable energies adapted to regional specificities and for the establishment of a shared and dynamic Research and Innovation Systems (R&IS) in the domain; create real mobility between young academics and entrepreneurs in both regions (EU and MPC) making use of the build-up capacity KIC InnoEnergy SE, The Netherlands Institute of Research in Solar Energy and New Energies (IRESEN), Morocco Universitat Politècnica de Catalunya - BarcelonaTech, Spain R&D Maroc, Morocco National Agency for Energy Conservation, ANME, Tunisia ITMS International France	Olga Mackiewicz E-mail: olga.mackiewicz@kic-innoenergy.com / Richard Biagioni E-mail: richard.biagioni@kic-innoenergy.com http://www.maghrenov.eu/	
Regional PhD School based on Innovative HydroPlatform in Water and Environment to Enhance MAGhreb Inter-Research Centres	MAGIC	Erasmus +	2015-2018	Water	University Mohammed V of Rabat, Morocco	The project is designed to create in Maghreb a PhD school in regular PhD programs in water & environment, improve existing prerequisite courses and develop new modern courses to train staff and PhD students, through a regional Hydroplatform establishment based on open GIS and modeling softwares, to follow-up the recent water strategies in Maghreb (2010-2030) STICHTING IHE DELFT, Netherlands UNIVERSITEIT UTRECHT, Netherlands ARISTOTELIO PANEPISTIMIO THESSALONIKIS, Greece INSTITUT NATIONAL AGRONOMIQUE DE TUNISIE UNIVERSITE DE NANKANG UNIVERSITE DE MASCARA UNIVERSITE DE GAUSA UNIVERSIDAD DE GRANADA, Spain VRIJE UNIVERSITEIT BRUSSEL, Belgium IBN TOUFAL UNIVERSITY, Morocco	Mrs. Rajaa Cherkaoui El Mousli email: rajaa.cherkaoui@umc.ac.ma http://www.erasmusplus.tn/upload/FCX_files/projet%20Erasmus+%20561750.pdf	
Mediterranean Activities for Research and Innovation in the Energy sector	MARE	(FP7)	2013 - 2016	Energy	Centro Anasomion Pigon ke Eukonomias Energeias (Centre for Renewable Energy Sources and Savings), Greece	Mediterranean Activities for Research and Innovation in the Energy sector. The project intends to bridge the gap between research and innovation in the EUROMED area in the technological pillars of: renewable energy microgrids, renewable energy desalination, energy efficiency in buildings Centre For Renewable Energy Sources and Saving (CRESS), Greece KINNO Consultants LTD (KINNO), Greece Official Chamber of Commerce, Industry and Shipping of Seville (CCSevilla), Spain Centre for Research and Telecommunications Experimentation for Networks Communities (CREATE-Net), Lebanon Royal Scientific Society - National Energy Research Center (RSS-NREC), Jordan Abdelhakim Essaidi University (UAE), Morocco National Research Centre (NRC), Egypt El Hassan Business Park (EBHP), Jordan	Kostas Anagnostopoulos email: kaganpost@crec.gr Phone: +30 210 6603434 http://www.mare-erommed.eu/	
MARise atmospheric Science Universities: Analytical and mass spectrometric techniques development and application	MARSU	Horizon 2020	2015-2020	Energy, Water	CNRS- Orléans, France	MARSU is a collaborative (4 Member States, including one participant from the non-academic sector, and six Third Countries from South America, Africa and Asia) with the goal of gaining new knowledge and reducing the uncertainty about the effect of aerosols deriving from the air-sea exchange on climate and atmospheric composition connected to air pollution. The results from this key interdisciplinary project will have impact on current and future industrial and legislative developments. The project is designed to create in Maghreb a PhD school in regular PhD programs in water & environment, improve existing prerequisite courses and develop new modern courses to train staff and PhD students, through a regional Hydroplatform establishment based on open GIS and modeling softwares, to follow-up the recent water strategies in Maghreb (2010-2030). This goal is consistent with the HE system reform adopted in Maghreb universities (MA, ICE, TN). Through this FP Maghreb and EU Universities will integrate academic community and will lead to more effective transfer of knowledge, teaching/research skills-methods from EU partners to PC. The objectives of the project are planned to be achieved by development of new courses on open source modelling using Maghreb partners experience and needs and EU partners advanced technologies. The Maghreb hydroplatform will be created in Maghreb and accessible online for Maghreb & EU partners for PhD course trainings, perform studies, water project design and share data via SDI. Relevant capacity building activities are foreseen to support newly created hydroplatform and to train Maghreb teachers: staff mobilities, new courses, teaching laboratories & library resources upgrading. LEBNIZ INSTITUT FUER TROPISCHAEERFORSCHUNG e.V., Germany IONICON ANALYTIC GmbH, Austria UNIVERSITEIT DORLANDEN, France CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, France CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS, Argentina Maha Intelligant Energy Management Agency (MIEMA) Malta Mediterranea University of Reggio Calabria (Italy) UNIVERSITY MOHAMMED VI OF RABAT, MOROCCO HUIJIAN UNIVERSITY, China INSTITUT OF URBAN ENVIRONMENT, CHINESE ACADEMY OF SCIENCES, CHINA	Abdelwahed MELLOUKI Email: wahed.mellouki@cnrs-orleans.fr E-mail: +33282857612 http://cordis.europa.eu/project/rcn/20022_7_en.html	
Production of Biodiesel from Algae in selected Mediterranean Countries	MED-ALGAE	ENPI - CBC Med Programme	2012-2015	Energy	Agricultural Research Institute of Cyprus	The project is a new technology project which can contribute to the goals of the EU strategy on "Climate change and energy". The methodology includes all stages in the production of biodiesel from microalgae Agricultural Research Institute (ARI) Cyprus Faculty of Agricultural and Food Sciences (FAFS), Lebanon Fundazzjoni Terzi Zammit (FTZ), Malta National Technical University of Athens (NTUA), Greece National and Kapodistrian University of Athens, Greece be Lebanese Association for Energy Saving & for Environment (ALMBE), Lebanon Maha Intelligant Energy Management Agency (MIEMA) Malta Mediterranea University of Reggio Calabria (Italy) Faculty of Science Alexandria University, Egypt Cyprus Energy Agency, Cyprus National Research Centre, Egypt ALESSCO s.r.l., Italy	Dr. Polycarpus Polycarpus +357 22403117 http://www.med-algae.com/	

Development of Genomic tools for Breeding in Cucurbitaceae	Melomics		2009-2013	FOOD	Centre de Recerca en Agrigenòmica CSIC-IRTA-UAB, UB, SPAIN	The project was intended to develop genomic tools for the breeding of Cucurbitaceae species that are important crops in the Mediterranean area. The project was intended to sequence the genome of Melon and to analyze the genetic and phenotypic diversity of the melon varieties present in Spanish germplasm collections. The project had also the aim to introduce the technologies of massive DNA sequencing in the participating laboratories. Most of the groups working in Cucurbit biology in Spain (14 in total) participated in the initiative. The project finished after the publication of the first genome sequence of a higher organism that has been completed in Spain and the development of tools for genotyping and phenotyping melon varieties. A collection of representative varieties were the object of this analysis.	Centre de Recerca en Agrigenòmica CSIC-IRTA-UAB-UB(SPAIN); COMAV, Universidad Politécnica de Valencia (SPAIN); Consejo Superior de Investigaciones Científicas (CEBSA, Murcia, L. Mayo, Málaga); University of Almería; Syngenta Seeds; Semillas Flix; Sistemas Genómicos	Pere Puigdomenech (Project Coordinator) CRAGENOMICA Spain (pere.puigdomenech@cragenomica.eu)	<a href="http://www.melomics.net">http://www.melomics.net</a>
Cooperation with Mediterranean Partners to build opportunities around ICT and Societal and Industrial Challenges of H2020	MOSAIC	FP7	2014 - 2015	Food-Energy-Transport-Climate	Universitat Autònoma de Barcelona, Spain	The project aims to foster R&D cooperation between Europe and Mediterranean Partner Countries under European and third country programmes. MOSAIC focuses on Information and Communication Technologies (ICT) and how ICT can support common EU-MED societal challenges among which Health and Wellbeing, Food and agriculture, Clean Energy, Green Integrated Transport and Risk Management for critical issues such as Climate Action and Secure Societies.	Université Des Sciences Et De Technologie D'oran, Algeria Ministry Of Communications & Information Technology Egypt Hokien Consultans And Partners France Jordan University Of Science And Technology Jordan American University Of Beirut Lebanon University Mohammed V-Agla, Morocco The Royal Of Tunisia Of The Biz Zoo University Palestine Pi Comunicacions Sa Portugal Kaj & Partner Company Limited Partnership Syria Institut National Agronomique De Tunisie Tunisia Centre National De L'informatique Tunisia	Daniel Franco Tel: +3493 581 13 33 Email: daniel.franco@uab.cat	<a href="http://www.mosaic-med.eu/index.php/en/">http://www.mosaic-med.eu/index.php/en/</a>
Managing crop water saving with Enterprise Services	MOSES	Horizon 2020	2015-2017	Energy	Enit Italia, University of Oulu, Finland	The main objective of MOSES is to put in place and demonstrate at the real scale of application an information platform devoted to water procurement and management agencies (e.g. reclamation consortia, irrigation districts, etc.) to facilitate planning of irrigation water resources, with the aim of: E-saving water; E-improving services to farmers; E-reducing monetary and energy costs. Environmental pollution is a global problem. Unsustainable production of goods, improper treatment of the waste, emissions to air and water, and inadequate legislation causes growing problems to human beings and nature. The urgent need for reducing environmental load coming from industry, agriculture and communities demands for novel ways of thinking. MO-SATE collaboration will attack to this current problem by developing environmentally sound and sustainable possibilities to utilize and valorize different wastes and emissions. The aim is to create valuable new products and renewable energy to minimize the waste as well as emissions to air and water.	AGENZIA REGIONALE PER LA PREVENZIONE, L'AMBIENTE E L'ENERGIA DELL'EMILIA ROMAGNA, Itz AGENZIA ESTATAL DE METEOROLOGIA, Spain INSTITUTUL NATIONAL DE HIDROLOGIE SI GOSPODARIRE A APELOR, Romania ADMINISTRATIA NATIONALA DE METEOROLOGIE R.A., Romania ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, Italy SOCIACION FERAGUA DE COMUNIDADES DE REGANTES DE ANDALUCIA, Spain SERCO BELGIUM SA, Belgium TECHNISCHE UNIVERSITEIT DELFT, Netherlands UNIVERSIDAD DE CASTILLA - LA MANCHA, Spain UNIVERSITE CHOUAIB DOUKKALI, Morocco AGROMET SRL, Italy CONSORZIO DI BONIFICA DI SECONDO GRADO PER IL CANALE EMILIANO ROMAGNOLO, Italy ALIARA AGRICOLA SL., Spain ARYAVARTA SPACE ORGANIZATION, India	Sara Ojala Email: saraola@oulu.fi	<a href="http://cordis.europa.eu/project/rcv/10815_9_en.html">http://cordis.europa.eu/project/rcv/10815_9_en.html</a>
Next generation methods to preserve farm animal biodiversity by optimizing present and future breeding options	NextGen	CP: Collaborative project	2010-2014	KIBBE	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (France)	NEXTGEN proposes the bold step of using whole genome data to develop and optimize conservation genetic management of livestock diversity for the foreseeable future. The rationale for choosing whole genome data to a future-proof DNA-based analysis in livestock conservation against upcoming changes in technology and analysis. Thus, in the context of whole genome data availability, our global objective is to develop cost-effective optimized methodologies for preserving farm-animal biodiversity, using cattle, sheep, and goats as model species.	CARDIFF UNIVERSITY, United Kingdom UNIVERSITA CATTOLICA DEL SACRO CUORE, Italy PARCO TECNOLOGICO PADANO S.R.L., Italy EUROPEAN MOLECULAR BIOLOGY LABORATORY, Germany RACIL POLYTECHNIQUE FEDERALE DE LAUSANNE, Switzerland UNIVERSITA DELL'ISTITUTO PIETRAMO, Italy MAKERERE UNIVERSITY, Uganda INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, Morocco JORGAN UNIVERSITY OF AGRICULTURAL, SCIENCE AND NATURAL RESOURCES, Iran COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, Australia	Dr. Pierre Fabriet Tel: +31-4-76 51 45 24 Email: pierre.fabriet@uf-grenoble.fr	<a href="http://nextgen.eptf.eu/">http://nextgen.eptf.eu/</a>
Utilization of Industrial Byproducts and Waste in Environmental Protection	NO-WASTE	IRSES	2011-2017	Energy	University of Oulu, Oulu, Finland	The project aims to create valuable new products and renewable energy to minimize waste as well as emissions to air and water. The work is aiming towards improving the environment, which in turn, is affecting the human health. Resolving together the problems in the participating countries and integrating the existing knowhow in one country to the problems in another country is making the actions more efficient. The aim is also to contribute to the general awareness related to the environmental pollution and to find out interesting possibilities for pollution prevention or reduction of emissions in the participating countries.	University of Oulu, Oulu, Finland, University of Poitiers, Poitiers, France, University of Applied Sciences, Trier, Germany, University of Chouh Doulak, El Jadida, Morocco Dalian Institute of Chemical Physics, Dalian, China, Federal Institute of Education, Science and Technology of Goiás, Goiânia, Brazil	Arto Eljander, (Accounting Manager) Tel: +358 8 5534133	<a href="http://cordis.europa.eu/project/rcv/10815_9_en.html">http://cordis.europa.eu/project/rcv/10815_9_en.html</a>
Electrification with solar energy of two communities in the West Bank and participation of the electricity company in the management of the service	Off-grid solar system in rural area		2012-2014	Energy	Energy Research Center (ERC) - Palestine	Palestine has a large number of remote small communities with no electricity services and the probability of connecting them with local grid in the near future is very poor, because of degrading of hereth occupation in displacement of people from their land and financial issue. Energy Research Center present initiative to address the challenge in those communities in related with technology, political and environment issue which encourage the institute to propose to initiate solar PV system project which supplied the beneficiaries with 1 kWh to meet their current and future basic needs with similar level of the quality than the normal electricity grid and supporting their vitalness in those area. And also this resource is a clean energy, so the CO2 emission will be reduced in comparative of using diesel generator which pollutes the environment.	SEBA Association ó Spain Terna TecnAmbiental (TTA) - Spain Electric company, Municipality of Yabud - Palestine	Dr. Inad Bati, ERC director 972(09)2310003, ibati@najah.edu	<a href="http://www.najah.edu/erc">http://www.najah.edu/erc</a>
Training of the One Health Next Scientific Generation in the Sahel and Maghreb	OH-NEXTGEN	CSA-CA: Coordination (or networking) actions	2011-2014	KIBBE	PRINS LEOPOLD INSTITUUT VOOR TROPISCHE GENESKUNDE, Belgium	Humans and animals living in poor communities in the developing world often suffer from health problems arising from neglected zoonoses. Control options for these diseases are perceived as either too expensive or to be beyond the mandate of either the human or animal health systems. There is evidence that zoonoses in humans can be suppressed or even eliminated through interventions in animals. Moreover, joining human and animal health services can provide access to care that would otherwise not be affordable or not available. The close collaboration between the public and animal health sectors, also called One Health, with clearly defined roles for each sector, offers a formidable potential for creative and cost-effective solutions in disease control. Despite the emerging interest on the effectiveness of One Health in surveillance and control of zoonoses, institutional barriers limit the added value of closer cooperation between human and animal health.	SCHWEIZERISCHES TROPEN- UND PUBLIC HEALTH INSTITUT, Switzerland THE UNIVERSITY OF EDINBURGH, United Kingdom KAROLINSKA INSTITUTET, Sweden VIA GIS BVBA, Belgium UNIVERSITY OF PRETORIA, South Africa INSTITUT AGRONOMIQUE ET VETERINAIRE HASSAN II, Morocco ECOLE INTER-ETATS DES SCIENCES ET MEDICINE VETERINAIRES DE DAKAR, Senegal UNIVERSITY OF GHANA, Ghana	Dr. Tangyu Manoye Tel: +32 0207 62 63 Email: manoye@igb.be	<a href="http://www.oh-nextgen.eu/">http://www.oh-nextgen.eu/</a>
Organic Knowledge Network Arable	OK-Net Arable	Horizon 2020	2015-2018	Food	INTERNATIONAL FEDERATION OF ORGANIC AGRICULTURE MOVEMENTS EUROPEAN UNION REGIONAL GROUP, Sweden	The overall aim of the thematic network OK-Net Arable is to improve the exchange of innovative and traditional knowledge among farmers, farm advisers and scientists to increase productivity and quality in organic arable cropping all over Europe, in order to satisfy future market demand.	FORSCHUNGSINSTITUT FÜR BIOLOGISCHEN LANDBAU STIFTUNG, Switzerland PROGRESSIVE FARMING TRUST LTD LBG, United Kingdom ROLAND HERATING GMBH, Germany AARIUS UNIVERSITET, Denmark ASSOCIAZIONE ITALIANA PER L'AGRICOLTURA BIOLOGICA*AIAB, Italy EUROPEAN LAURENCE BRAS UN LAURENCE CONSULTANTS ASSOCIATION, Latvia CENTRO INTERNAZIONALE DI ALTE STUDI AGRONOMICI MEDITERRANEE, Italy PHIL PROJEKTE GMBH, Germany INSTITUT MEZARSKA KUTAZONTEZET KOZHASZNOS NÖNPROFIT KFT, Hungary BESTI MAIPELLI/UMAMANEUSE SHIHTASUTUS, Estonia BIOSCIENCE VLAANDEREN, Belgium INSTITUT TECHNIQUE DE LAGRICULTURE BIOLOGIQUE, France SEGES PS, Denmark FONDAZIONE ZA BIOLOGICHO ZEMENJE LEBOSI ENA, Bulgaria FORSCHUNGSINSTITUT FÜR BIOLOGISCHEN LANDBAU ÖSTERREICH, ABEKURZT FIBL ÖSTERREICH, Austria CONSORZIO MARCHE BIOLOGICHE - SOCIETA COOPERATIVA AGRICOLA, Italy	Dr. Bram Moskopps Email: bram.moskopps@fiam-eu.org / Tel: +32 09 247 62 61	<a href="http://www.ok-net-arable.eu">http://www.ok-net-arable.eu</a>
Optimizing Subsidary Crop Applications in Rotations	OSCAR	CP: Collaborative project	2012-2014	KIBBE	UNIVERSITÄT KASSEL, Germany	There is a need to improve sustainability in farming systems particularly through soil care and improvement, but not at the expense of productivity. One approach is to focus on a comprehensive advance in conservation tillage. This will be developed from improved ways of integrating subsidiary crops (SC) as living or dead mulches or cover crops with the main crops in rotations so as to simultaneously improve crop nutrition, health, and productivity. The SC will deliver multiple ecological services by increasing the duration of soil cover in the rotation overall while increasing species diversity, minimizing the use of tillage and agrochemicals, enhancing biological N fixation and soil C content, and both reducing water demand in dry climates and improving soil workability in wetter climates.	EDGGENOSSESCHES DEPARTEMENT FUER WIRTSCHAFT, BILDUNG UND FORSCHUNG, Switzerland NORWEGIAN INSTITUTE OF BIOECONOMY RESEARCH BIRO, Norway INSTITUTO AGRONOMIC DO PARANA, Brazil INTERNATIONAL CENTRE FOR AGRICULTURAL RESEARCH IN THE DRY AREAS, Syria INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, Morocco INSTYTUT UPRAWY NAWOZENA I GLEBOZAWSTWA, PANSTWOWY INSTYTUT BADAWCZY, Poland PROGRESSIVE FARMING TRUST LTD LBG, United Kingdom SVERIGES LANTRIKSUNIVERSITET, Sweden SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA, Italy TECHNISCHE UNIVERSITÄT MÜNCHEN, Germany KOBLENZ UNIVERSITÄT, Denmark UNIVERSITA DI PISA, Italy UNIVERSITA DEGLI STUDI DELLA TUSCIA, Italy WAGENINGEN UNIVERSITY, Netherlands ABCORIS SRL, Italy FERRARI COSTRUZIONI MECCANICHE SRL, Italy MARANGON SRL, Italy P.H. PETERSEN SAATZUCHT LUNDSDGAARD GMBH & CO KG, Germany FRIEDRICH WENZ GMBH, Germany	Prof. Maria R. Finckh Tel: +49-5522-901562 Email: mfinckh@uni-kassel.de	<a href="http://www.oscar-covercrops.eu/">http://www.oscar-covercrops.eu/</a>

Vaccines against helminth infections	PARAVAC	CP: Collaborative project	2011-2015	KIBBE	MOREDUN RESEARCH INSTITUTE, United Kingdom	This proposal aims to deliver at least one prototype vaccine to the point of uptake by the commercial sector or through government/philanthropic agencies and this will be addressed by: 1) Defining the protective immune responses to these helminth parasites induced by the vaccines available in the connotation to identify correlates with protection. Outcomes from this will be used to inform: 2) Optimising vaccine delivery 3) Developing effective native or recombinant protein vaccines, the latter using novel, customized eukaryotic expression systems. 4) Defining vaccine efficacy in housed and field trials. 5) Providing a platform for training and knowledge exchange which includes participation in training programmes, short exchanges of staff, training workshops, web site provision. 6) Interacting closely with the Animal Health industry, farmer organisations and other stakeholders to define required vaccines	UNIVERSITÄT GENT/Belgium VIB UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN/Ireland UNIVERSITÄT LYON / CLAUDE BERNARD/France STIFTUNG TIEBAERZTLEHRE HOCHSCHULE HANNOVER/Germany ACADEMISCH ZIEKENHUIS LEIDEN/Netherlands UNIVERSITY OF GLASGOW/United Kingdom THE UNIVERSITY OF LIVERPOOL/United Kingdom UNIVERSIDAD DE CORDOBA/Spain ROYAL INSTITUTE FOR THE ADVANCEMENT OF LEARNING MCGILL UNIVERSITY/Canada INSTITUT AGRONOMIQUE ET VÉTÉRINAIRE HASSAN II/Morocco UNIVERSIDAD DE LA REPUBLICA/Uruguay AGRICULTURAL RESEARCH COUNCIL (ARC)/South Africa Universidade Estadual Paulista - UNESP/Brazil SCONOVA AB/Sweden UNIVERSITÄT ZÜRICH/Switzerland Ecole Nationale de Médecine Vétérinaire/Tunisia Pflanz Lab/United Kingdom Lara media Limited/Ireland UNIVERSIDAD NACIONAL DE CAJAMARCA/Peru Droveta Limited/Ireland MERCURY UNIVERSITY/Australia THE QUEEN'S UNIVERSITY OF BELFAST/United Kingdom Sokoine University of Agriculture/Tanzania ZOKETSU/United States	Prof. David Knox Tel: 00 131 445 1111 Email: dave.knox@moredun.ac.uk	http://paravac.eu/
Prediction of the Impact of Climate change and urban sprawl on Ecosystem services	PRECOS		2013-2014	Food, Water	The French National Institute for Agricultural Research, France	The project proposes an innovative platform and forecasting decision support tool (Antax & Tc1) giving a synthesized vision of an area, measuring in real time, pressure, resilience potential and tipping points over natural resource assets (water-quantity quality, air quality) addressed and helping to manage ecosystems services under mounting climate and anthropogenic pressures. This has potential for radically transforming land management and resources based services and facilitating the transition of local stakeholders and economic actors to the quaternary economy.	the French National Institute for Agricultural Research (INRA), National Research Council of Italy (CNR-BIBNET), Imperial College London, Veolia Environment; ECOLE DES MINES Albi, France	Fabienne Toulard fabienne.toulard@aviignon.inra.fr	http://www.climate-icc.org/projects/prediction-of-the-impact-of-climate-change-and-urban-sprawl-on-ecosystem-services http://wwwfd.inra.fr/precos/Contact
PREDIMEDPLUS	FREDIMEDPLUS	ERC-AG - ERC Advanced Grant	2014-2019	Food	Universidad de Navarra	The project intends to study the effect of an intensive lifestyle intervention with an energy-restricted Mediterranean diet, increased physical activity, and behavioural treatment on the primary prevention of cardiovascular diseases	Universidad de Navarra, Spain	Miguel Ángel Martínez González +34 948242600; mmartinez@unav.es	http://predimedplus.com/
Photovoltaic Cost Reduction, Reliability, Operational Performance, Prediction and Simulation	PVCROPS	CP: Collaborative project	2012-2015	Energy	UNIVERSIDAD POLITÉCNICA DE MADRID, Spain	PV CROPS addresses 3 key objectives of the call topic: 1) Improvement of performance, reliability and lifetime 2) Cost reduction of PV systems 3) Better integration of PV into grid The 2 first objectives lead to a lower Levelized Cost of Energy, LCoE. So, the main objectives of PV CROPS are: 1. Reduction of 30% of the LCoE of PV to achieve 0.14-0.07p/kWh by 2020 and 0.20-0.09p/kWh by 2015 and an increase of 9% in the performance ratio of PV systems 2. Enhancement of the grid integration of PV by mitigating PV power fluctuations and integrating energy management and storage to allow 30% of PV penetration by 2020 PV CROPS includes 19 results: technical documents, toolkits, solutions, technology development, databases, training and spinoffs. The results will be validated on a wide set of EU PV systems, and in one of the biggest PV plants in EU and one of the biggest one in the world under project in Morocco.	UNIVERSIDAD PUBLICA DE NAVARRA, Spain UNIVERSIDADE DE EVORA, Portugal CENTRAL LABORATORY OF SOLAR ENERGY & NEW ENERGY SOURCES OF THE BULGARIAN ACADEMY OF SCIENCES, Bulgaria DUBLIN INSTITUTE OF TECHNOLOGY, Ireland MORCC NATIONAL DE L'ELECTRICITE, Morocco ACCIONA ENERGIA S.A., Spain INGETIAM POWER TECHNOLOGY SA, Spain RESON SARRL, France SUNSWITCH SA, Belgium RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD, Ireland ASSOCIATION POUR LA PROMOTION DES ENERGIES RENOUVELABLES - APERE ASSIL, Belgium	Dr. Luis Navarrete Tel: +34679426279 Email: navarrete@ies-ief.upm.es	http://www.pvcrops.eu
Renewable Electricity COOperation	REELCOOP	FP7-ENERGY	2011-2017	Energy	University of Porto - New Energy Tec Unit / LEPAF, Portugal	To develop renewable electricity generation technologies and promoting cooperation between EU Partner Countries and Mediterranean Partner Countries	University of Reading School of Construction Management and Engineering, United Kingdom Permas Aerospace Centre (DLR) Institute of Solar Research, Germany University of Evora RES Chair Renewable Energy, Portugal Centre for Energy, Environmental and Technological Research (CEMAT), Spain National School of Engineering of Tuna (ENIT) MOED Lab, Tunisia Institut of Research on Solar Energy and New Energies (IRESEN) Thermal Systems Dept, Morocco Pinar University - Department of Energy Systems Engineering, Turkey Eony Solar Energy SL, Spain Manuel de Conhecico Graca Ltd (MCG Solar), Portugal Termocycle SP 200, Poland Lavorio Guarniente SRL S.r.l., Italy Zucato Energia SRL, Italy Alternative Energy System SARRL, Tunisia Centre for Development of Renewable Energies (CDER), Algeria European Commission - DG Research & Innovation - K3 Unit	Prof. Armando Oliveira Tel: +351 225081768 Email: acdm@fe.up.pt	http://www.reelcoop.com/
Regional Knowledge Network on Systemic Approaches to Water Resources Management	RKNOW	Non-State Actors and Local Authorities in Development (Development Cooperation Instruments) and Neighbourhood Civil Society Facility (European Neighbourhood and Partnership Instrument)	2013 - 2016	Water	International Union for Conservation of Nature - Regional Office of West Asia	The main goal of the RKNOW is to promote systemic approaches to integrated water resource management throughout the region; among researchers, experts, practitioners and other stakeholders with an interest in this domain.	IUCN Regional Office of West Asia (ROWA), Jordan IUCN Med. Spain University Abdelmalek Essaudi / Tétouan, Morocco ATED Association, Morocco Palestinian Hydrology Group, Palestine Union of Agricultural Work Committees, Palestine G26 Coptic Evangelic Organization for Social Services, Egypt Centre for Environment and Development in the Arab Region and Europe, Egypt Arab Women Organization, Jordan Baida Research and Development Center, Jordan Society for the Protection of Nature in Lebanon, Lebanon MADA Association, Lebanon IUCN Water Programme (WVP) Switzerland Centre for Development Innovation of Wageningen University & Research, Netherlands	Lahcen FAIQUI, Email: Lfaiqui@uae.ac.ma Phone: 002166655130	http://www.rknow.net
Social and Intercultural Dialogue through Governance for Local development: Mediterranean Urban and Peri-urban Agriculture (UPA)	SIDG-MED	ENPI - CBC Med Programme	2011-2015	Food	Institut National de la Recherche Agronomique d'Algerie	The project intends to promote social and intercultural dialogue through cross-border cooperation in the realm of local Urban and Peri-urban Agriculture (UPA) related to governance issues.	Ministère National de la Recherche Agronomique d'Algérie The Royal Botanic Garden (AH-Balqa), Jordan Brescia Municipality Department for Environmental Conservation (Lazio, Italy) Mahdia Municipality (Mahdia, Tunisia) BSMO S.r.l. (Lazio, Italy) Barcelona Metropolitan Area (Cataluña, Spain) Forestry Department of Al-Balqa-Ministry of Agriculture (National Ministry, Jordan)	Ali Ferrah alferrah@gmail.com +213 552 30 37 36	http://www.sidgmed.org/
Sustainable use of irrigation water in the Mediterranean Region	SIRRMED-	EFPT	2010-2014	Water	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS SPAIN	The project will address issues related to sustainable use of water in Mediterranean irrigated agricultural systems, with the overall aim of optimizing irrigation water use. The approach proposed in SIRRMED for reaching this goal will be based in an Integrated Water Irrigation Management (IWM) where the improved water use efficiency will be considered at farm, irrigation district and watershed scales.	Asociación De Fabricantes De Riego Españoles, Afre, Spain Jarama River Authority, Lrl, Lebanon Ennio Emiliano Romagnolo, Cre, Italy National Research Centre, Nir, Egypt Irrigacionmediterranea Irrigacion Comunitaria, Eic, Spain Consop-Société Des Recherches Scientifiques, Csic, Spain Dobhane S. L., Deb, Lebanon Institut National De La Recherche Agronomique, Ima, France Veterinary And Agricultural Institute Hassan II, Iv-cha, Morocco Institute For Environmental Studies, Vrije Universiteit Amsterdam, Ivon-Vu, Netherlands Institute For Research And Technology Theology, Ite, Te-Th, Greece Eaucauser Environment Centre, Lec, United Kingdom Sajama S. L., Sajama, Morocco Universidad De Cordoba, Uco, Spain Universidad Politécnica De Cartagena, Upect, Spain	Dr. Juan José Alarcón Tel: 0034 968 396303 Email: jalarcon@cebas.csic.es	http://www.sirmmed.org
Sustainable Management of Available Water Resources with innovative Technologies	SMART	Integrated Water Resources Management	2007-2014	Water	BMBF - Federal Ministry of Education and Research	The Lower Jordan Rift Valley (LJRV) is a geotectonic feature bordered by a deep-seated fault system that creates an elongated and narrow basin which extends from the Sea of Galilee in the north to the Dead Sea in the south. Its margins are the Jordanian highland in the east and the Judean Mountains in the west. Its geology and topography is rather complex and displays notable differences between the eastern part (Jordan and the western one (Palestine and Israel). The Lower Jordan Valley is one of the water scarcer regions in the world. The poverty of the local population and the stark and severe physical conditions were the driving force for the German government (BMBF) to establish a multi-lateral (German, Jordanian, Palestinian and Israeli) scientific project (SMART) for the exploration and management of sustainable water resources. As the fresh water resources are already exploited, the focus of the project is directed for the availability of brackish water aquifers either for direct agricultural use (irrigation) or desalination. Another source is temporary surface runoff and treated effluent that can be a source for artificial recharge into the alluvial aquifer. Integrated water Resources Management (IWRM) is seen as concept to tackle the water issues. SMART is a research and development project in IWRM and has the overall goal to develop a transferable concept for a sustainable water resources management in the Lower Jordan Valley.	Karlsruhe Institute of Technology, Institute of applied geosciences, Division of Hydrology - Germany; Umweltforschungszentrum (UFZ)-Germany; University of Göttingen- Geowissenschaftliches Zentrum - Germany; TGA Aviv University, Department of geophysics and planetary sciences - Israel; Mekore water company, Hydrology department - Israel; Palestinian Water Authority/ Palestine; Palestinian Hydrology Group - Palestine; Al-Quds University, Department of Earth & Environmental sciences - Palestine; Ministry of Water and Irrigation - Jordan; University of Jordan, Department of Geology - Jordan; Al-Balqa Applied University - Jordan	Prof. Dr. Nico Goldscheider, +49 72108845465, goldscheider@kit.edu	http://www.iwrms-smart2.org
Sensing toxicants in Marine waters makes Sense using biosensors	SMS	CP: Collaborative project	2013-2017	KIBBE	UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA, Italy	SMS will deliver a novel automated networked system that will enable real-time in situ monitoring of marine water chemical and ecological status in coastal areas by the detection of a series of contaminants regulated by the MSFD. SMS will design a multi-module apparatus that will host in a single unit: the Main Box (MBX) - a Sampling Module and an Analysis Module. The former will contain sample collection and treatment components, whereas the latter will include four biosensor sub-modules that will enable detection and measurement of algal toxins and their associated algal species; several hazardous compounds (phytothrin, dioxin and pentachloro) sulphonamides and a series of standard water quality parameters. The MB will be equipped with a communication module for real-time data transfer to a control centre, where data processing will take place, enabling alarm functioning in Health Warning Systems, whenever some critical value exceeds a pre-defined threshold. It will be placed on a floating platform or buoy positioned in loco at defined locations.	ITALIAN NATIONAL AGENCY FOR NEW TECHNOLOGIES, ENERGY AND SUSTAINABLE ECONOMIC DEVELOPMENT, Italy CATALAN INSTITUTE OF NANOTECHNOLOGY, Spain ACROMED INVEST AB, Sweden NATIONAL INSTITUTE OF TECHNOLOGY, Slovenia UNIVERSITY OF THESSALY, Greece SYSTEMS TECHNOLOGY ADVANCE SPA, Italy UNIVERSITY HASSAN II MOHAMEDIA CASABLANCA, Morocco MICROBIA ENVIRONMENT SAS, France ALIENORIEU SPRL, Belgium	Prof. Giuseppe Pallucci Tel: +39 325060043 Email: pallucci@uninoma.it	http://www.project-smu.eu



Water & Energy Advanced Management for Irrigation	WEAM4	FP7 ENVIRONMENT CP: Collaborative project	2013-2017	Water	Meteosim Spain	<p>The project intends to improve the efficiency of water use and reduce the costs of power irrigation systems. It is planned to develop smart network for the management of irrigation that will act interactively on the rational use of water and energy.</p>	<p>Meteosim SL Spain  Grupo Hipotecario Informatica Empresarial Sa Spain  Aspugui - Associação Tecnica E Consultoria Aca Portugal  Federacion Nacional De Comunidades De Regantes Spain  Fenareg - Federacao Nacional De Regantes De Portugal  Instituto Valenciano De Investigaciones Agrarias Spain  "Adasa Sistemas, S.A.U." Spain  Waterwatch Bv The Netherlands  Landwirtschaftskammer Niedersachsen Germany  e-grain GmbH Bewässerungstechnik Germany  Düne Technique Du Semide Gece France  Inergia Grupo Engenharia &amp; Architecture SL Spain  Bclaren GmbH Germany  Comunidad General De Regantes Del Canal De Bardenas Spain  Hydrologic Research Bv The Netherlands  Van Der Ohe Karsten Germany  Zim Plan Technology GmbH Germany</p>	Maria Navarro mnavarro@meteosim.com	<a href="http://weam4.eu">http://weam4.eu</a>
Quintuple Helix Approach to Targeted Open Innovation in Energy, Water, Agriculture in the South mediterranean Neighborhood	STOI_4EWAS	Horizon 2020	2016-2019	Energy, Water, Agriculture	Universitat Autonoma de Barcelona, Spain	<p>STOL4EWAS project will focus on Targeted Open Innovation in energy, water and agriculture societal challenges through a balanced innovation-friendly ecosystem in the Southern Mediterranean Neighborhood (SMN) based on quintuple helix and NEXUS approach. The project will enhance and support regional smart specialization and development by increasing research capacity, effective mobility of young innovators/researchers and shared knowledge to improve their participation in the EU research area. It will contribute to the establishment of favorable and stable conditions for international cooperation and the set-up of a Common Knowledge and Innovation Space of specialization in the SMN for a real socio-economic impact, based on co-ownership and mutual benefits.</p>	<p>INNOVA BIC - BUSINESS INNOVATION CENTRE SRL, Italy  UNIMED UNIONE DELLE UNIVERSITA DELMEDITERRANEO ASSOCIAZIONE, Italy  IBERIC IESV, Belgium  FACHHOCHSCHULE MUNSTER, Germany  CENTRE FOR RENEWABLE ENERGY SOURCES AND SAVING FONDATION, Greece  TIMS International, France  GIBAF PM Services GmbH, Germany  BERRYTECH FOUNDATION, Lebanon  AN-NABAH NATIONAL UNIVERSITY, Palestine  AGENCE NATIONALE DE PROTECTION DE L'ENVIRONNEMENT, Tunisia  AGENCE NATIONALE DE VALORISATION DES RESULTATS DE LA RECHERCHE ET DU DEVELOPPEMENT TECHNOLOGIQUE, Algeria  MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH, Tunisia  Association R&amp;D MAROC, Morocco  INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE D'ALGERIE, Algeria  National Research Center, Egypt  ACCREDITATION AND QUALITY ASSURANCE COMMISSION, Palestine  TÜRKİYE BİLİMSEL VE TEKNOLOJİK ARAŞTIRMA KURUMU, Turkey  ROYAL SCIENTIFIC SOCIETY, Jordan  CHAMBRE DE COMMERCE ET D'INDUSTRIE DU CENTRE, Tunisia  UNIVERSITY ENGINEERING CONSULTING OFFICE, Libya  MINISTERE DE L'ENSEIGNEMENT SUPERIEUR, DE LA RECHERCHE SCIENTIFIQUE ET DE LA FORMATION DES CADRES, Morocco  ACADEMY OF SCIENTIFIC RESEARCH AND TECHNOLOGY, Egypt</p>	Pr. Mameel Valente Email : mameel.valente@uah.cat	NA