1. **Europe in a changing world – inclusive, innovative and reflective Societies**

[Work programme Europe in a changing world – inclusive, innovative and reflective societies](file:///\\nask.man.ac.uk\home$\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-societies_en.pdf)

[Participant portal link reference documents](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call - Overcoming the Crisis: New Ideas, Strategies and Governance Structures for Europe (H2020-EURO-2014/15)**

*EURO-1-2014: Resilient and sustainable economic and monetary union in Europe.* Effective mechanisms of fiscal policy coordination in the EU | Fair and sustainable taxation | The impact of macroeconomic imbalances on economic stability | The global impacts of the crisis in Europe and the international monetary relations. Research and Innovation Action (100% funding). Deadline 03/06/2014

*EURO-2-2014: The European growth agenda.* Reform management for economic recovery | Innovation-based growth strategy for Europe | Global production and innovation networks - costs and benefits for Europe | Migration, prosperity and growth. Research and Innovation Action (100% funding), consortium agreement. Deadline 03/06/2014

*EURO-3-2014: European societies after the crisis*. Individual reactions to the crisis and challenges to European solidarity | Unity in diversity: prospects of a European identity and public sphere | Innovative social investment approaches for the modernisation of social policies and services. Research and Innovation Action (100% funding), consortium agreement. 03/06/2014

*EURO-4-2014: Political challenges for Europe.* The future of European integration – “More Europe – less Europe?” | Challenges to democratic practiced and parties in Europe in the context of the crisis | Political leadership in times of economic, political and social crisis. Research and Innovation Action (100% funding), consortium agreement. Deadline 03/06/2014

*EURO-5-2015: ERA-NET on Smart Urban Futures.* How cities become hubs of innovation. Based on concrete urban cases. Strengths and weakness of urban development (work, education, housing, mobility, ICT, enery, logistics, health shopping, access to public spaces, culture and leisure). Smart urban ecosystems services; data and big data; understanding of urban structures creating methods and tools; network approaches; analysis of the economics of urban and peri-urban areas; evaluating functionalities. Urban Living Labs. Co-funding call of at least €5M EU participation, multinational. Funding scheme. ERA-NET Co-fund. Deadline 07/01/2015

*EURO-6-2015: Meeting new societal needs by using emerging technologies in the public sector.* Public sector innovation and modernisation of public administrations. Including societal, political and human factors. Funding schemes: Coordination and support actions and Research and Innovation Actions(consortium agreement). Deadline 21/04/2015

**Call - the Young Generation in an Innovative, Inclusive and Sustainable Europe (H2020-YOUNG-2014/15)**

*YOUNG-1-2014: Early job insecurity and labour market exclusion.* Deep analysis of the situation of young people in the labour market, comparative perspective, from young people point of view, education systems, gender, social, personal, psychological of early job insecurities. Research and Innovation Actions (100% funding), consortium agreement. Deadline 03/06/14.

*YOUNG-2-2014: Young mobility: opportunities, impacts, policies.* Looking at different patterns and types of mobility of young people moving abroad, including gender; recruitment processes, language, integration, settlement, new life, etc. Research and Innovation Actions (100% funding), consortium agreement. Deadline 03/06/14.

*YOUNG-3-2015: Lifelong learning for young adults: better policies for growth and inclusion in Europe.* Public policies and dynamics of private markets, trends, mismatches, overlaps, informal learning, learning potential, workplaces, etc. Addressing adult education in general focus in young adults and vulnerable groups. Workplaces and learning actions. Feasibility of the development of an Intelligent Decision Support System policy making modelling. Research and Innovation Actions (100% funding), consortium agreement. Deadline 07/01/15.

*YOUNG-4-2015: The young as a driver of social change.* Norms and values of young people, expectations regarding public policy, social and private life, cities organisation, business ethos; sustainable socio-economic models and young people, formal and informal education. Different ages and sexes, geographies, ethnics and religious backgrounds. Evolution of gender relationships; etc. Research and Innovation Actions (100% funding), consortium agreement. 07/01/15

*YOUNG-5-2014: Societal and political engagement of young people and their perspective on Europe.* Reasons for declining trust on EU, how to stimulate societal and political engagement in the EU project. Research and Innovation Action (100% funding) and Innovation Actions (both consortium agreements). Deadline 03/06/14.

**Call - Reflective Societies: Cultural Heritage and European Identities (H2020-REFLECTIVE-2014/15)**

*REFLECTIVE-1-2014: ERA Net on Uses of the past.* Problems and perspectives concerning historical knowledge in language, memory, cultural practices, politics, economics, literature, media and art, histories and heritages, ethnicities and cultural groups. Dimensions: identity construction, norms and values, material culture and public space, media, decision making, globalisation. ERA-NET Cofund (EC 33% funding). Deadline 03/06/14.

*REFLECTIVE-2-2015: Emergence and transmission of European cultural heritage and Europeanisation.* Multidisciplinary, comparative research, historical perspective. Interlinking of local, regional, national and European aspects of cultural heritage. Research and Innovation Action (100% funding), consortium agreement. Deadline 07/01/15.

*REFLECTIVE-3-2015: European cohesion, regional and urban policies and the perceptions of Europe.* Multidisciplinary, geographical balanced and comparative research. Interplay between European regions, the application of regional policies, contribution of regional policies. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*REFLECTIVE-4-2015: Cultural opposition in the former socialist countries.* Comparative research examining anti-communist cultural opposition movements and activities in former socialist countries. Research and Innovation Actions (100% funding), consortium agreement. Deadline 07/01/15.

*REFLECTIVE-5-2015: The cultural heritage of war in contemporary Europe.* Multidisciplinary, comparative, geographical balanced and comparative research for exploring the complex relationship in contemporary European societies and tangible an in tangible cultural heritage of major armed conflicts. Research and innovation actions, consortium agreements. Deadline 07/01/15.

*REFLECTIVE-6-2015: Innovation ecosystems of digital cultural assets.* Supporting the creation of digital cultural resources from scientific collections, archives, museums, libraries and cultural heritage. Innovation Actions consortium agreement. Deadline 21/04/15.

*REFLECTIVE-7-2014: Advance 3D modelling for accessing and understanding European cultural assets.* Focused actions: Research on cost-effective technologies for advanced 3D modelling to enhance the understanding of cultural heritage. Research and Innovation Actions (100% funding), consortium agreement | Devise standard formats, for the semantic-aware 3D modelling of Europe's cultural heritage for researchers and practitioners. Coordination and Support Actions (100%) up to €2M. Deadline 30/09/14.

*REFLECTIVE-8-2015: Communication and dissemination platform.* “Research and Policy Communities”: Fostering dialogue and cooperation among researchers and researchers and other stakeholders. Multidisciplinary, innovation, inclusion, growth. Groups or ad hoc debates via platforms, social networks, events. Review of research: agendas; dissemination strategies; data collection challenges; assessment of impact; development of policies. Coordination and Support Actions (100% funding). Deadline 07/01/15.

*REFLECTIVE-9-2014: Social Platform on Reflective Societies.* Research communities and stakeholders from the socio-cultural and artistic sectors. Critical mapping of current research. To understand the challenges and opportunities for research in the context of reflective societies. Coordination and Support Actions (100% funding). Deadline 03/06/14.

*REFLECTIVE-10-2014: Mobilising the network of National Contact Points in Societal Challenge 6.* Coordination and Support Actions (100% funding). Deadline 03/06/14.

**Call for Europe as a Global Actor (H2020-INT-2014/15)**

*INT-1-2014/15: Enhancing and focusing research and innovation cooperation with the Union's key international partners countries.* Supporting the EU's strategy for international cooperation in research and innovation COM(2012)497. Targeting Australia, USA, Brazil, Russia, China, South Africa and Ukraine: identifying areas for international cooperation; implementation of activities agreed between the actors; encouraging cooperation in research and innovation; establishing framework conditions for cooperation; analysing cooperation patterns. Coordination and Support Actions. Deadlines: 29/04/14 and 20/01/15

*INT-2-2014/15: Encouraging the research and innovation cooperation between the Union and selected regional partners.* Targets: Southern Mediterranean Region (including Algeria, Morocco and Jordan), Eastern Partership, Black Sea region, Middle-East and Africa (all countries in Africa). Balanced partnerships involving public authorities. Coordination and Support Action. Deadlines: 29/04/14 and 20/01/15

*INT-3-2015: Europe's contribution to a value-based global order and its contestants.* Looking into the criteria for global justice exploring European, non-European and non-Western perspectives. Criteria for a just and value based global order. Trade and development policy, human rights, conflict prevention and resolution, protection of livelihoods. Various actors. Research and Innovation Actions (100% funding), consortium agreement. Deadline 07/01/15.

*INT-4-2015: The European Union's contribution to global development: in search of greater policy coherence.* Comprehensive perspective on EU policies and their impact on developing countries. Grade of effectiveness. Comparative perspective. Emphasis on Least Developed Countries. Research and Innovation Actions (100% funding), consortium agreement. Deadline 07/01/15.

*INT-5-2015: Rethinking the European Union crisis response mechanism in light of recent conflicts.* Analysing the crisis response and the policies, effectiveness, military and civilian capabilities including NATO and UN Security Council and situation in third countries (i.e. Iraq, Afghanistan). The positions of BRICS on interventions. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-6-2015: Re-invigorating the partnership between the two shores of the Mediterranean.* Assessment of polices and measures in the area. Definition of the concept of bilateralism and regionalism. Evaluation of potential of cooperation in water, energy, transport, etc. Countries influencing the situation and development of the area. Citizens perceptions. Best practices. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-7-2015: Towards a new geopolitical order in the South and East Mediterranean region.* To enhance knowledge of the SEMC's (South and East) and Middle East area: leaderships and political dynamics, geostrategy. Roles of internal and external actors: political bodies, religious factions, communities, elites, minorities, outside players (Gulf countries, China, Russia), political factions (Wahhabis, Salafis, Hamas, Hezbollah, Muslim Brotherhood, etc.), ethnical and religion minorities. Risk of destabilization and effects on population. Building scenarios in the area over 20 years. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-8-2015: The European Union and the Eastern Partnership.* Study of bilateral relations between EU and all countries in the region and countries inter se. Special focus on Belarus, Moldova and Ukrania. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-9-2015: The European Union, Turkey and its wider neighbourhood: challenges and opportunities.* Internal and external dimensions. Broad participation of partners from Turkey. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-10-2015: The European Union and integration challenges in the Balkans.* Study also of the countries inter se. Key issues: socio-economic development, identity politics, ethnic conflicts, migration. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-11-2015: European cultural and science diplomacy: exploiting the potential of culture and science in the EU's external relations.* Analysing and comparing EU and EU Member States' bi- and multi-lateral cultural relations with major third countries, regions and international organisations. Focus on how external cultural activities and cultural issues embedded into its external relations. Also UNESCO, private sector organisations, non-governmental organisations. Research and Innovation Actions (100% funding), consortium agreements. Deadline 07/01/15.

*INT-12-2015: The cultural, scientific and social dimension of EU-LAC (Latin America and the Caribbean) relations.* Past and present cultural, intellectual and social exchanges: migration movements, arts, literature, science, etc. Social dimension, social cohesion. Research and Innovation Actions (100% funding), consortium agreement. Deadline 07/01/15.

**Call - New Forms of Innovation (H2020-INSO-2014/15)**

*INSO-1-2014/2015: ICT-enabled open government.* Innovation Actions (100% funding) | Coordination and Support Actions (100% funding). Deadlines: 29/04/14 and 21/04/15

*INSO-2-2014: Understanding and supporting business model innovation.* Focus in addressing specific challenges: advancing in existing knowledge, making it accessible, adjusting knowledge to individual companies, reaching to a max. no. of SMEs. Research and Innovation Action (100% funding), consortium agreement. Deadline 29/04/14.

*INSO-3-2014: The economic impact of the Innovation Union.* The impact of the 34 IU commitments. The full economic impact. Research and Innovation Action (100%), consortium agreement. Deadline 29/04/14.

*INSO-4-2015: Innovative schemes for open science and innovation 2.0.* To help universities, companies and public authorities to enhance their capacity to engage in open science and innovation. Structures and mechanisms to support linkages. Groupings of institutions and companies. Inter-sectorial mobility, Coordination and Support Action (100% funding). Academia-business knowledge co-creation, Coordination and Support Action (100% funding) | Innovation and leadership. Research and Innovation Action (100% funding), consortium agreement. Deadline 31/03/15.

*INSO-5-2015: Social innovation Community.* Creating a Community involving social innovators, researchers, policy makers, implementing actions, new initiatives, policy developments. Brokerage events; information and awareness activities; design strategies/activities; events to identify priorities for collaboration; grassroots experiments, incubation and policy uptake; network of local facilitators. Coordination and Support Actions (100% funding). Deadline 31/03/15.

*INSO-6-2014: Platform for ICT Learning and Inclusion.* To engage large no of stakeholders on a dialogue and awareness process. Delivery of digital tools, solutions and services for the modernisation of education and training and tackling the risk of digital exclusion. Coordination and Support Actions (100% funding). Deadline 29/04/14.

*INSO-7-2014: Towards joint programming under Horizon 2020.* To provide a common framework for the strengthening of public-public partnerships. Implementing user-led information, learning an support platform for public-public partnerships. Supporting the information, monitoring and evaluation of all users' needs; maintenance of a web-based portal. Coordination and Support Actions (100% funding). Deadline 29/04/14.

*INSO-8-2014: Synchronised Call initiatives.* Each open to any thematic areas. Consortiums organising synchronised calls. Aimed to enhance research excellence by helping MSs to improve their evaluation systems, enhance transparency and fairness; improve effectiveness of national research systems; increase efficiency of research funding, etc. Topic with an ultimate strategic input on EC framework programmes. Coordination and support actions. Deadline 29/04/14.

*INSO-9-2015: Innovative mobile e-government applications by SMEs.* To reduce the burden of users and to achieve and efficient, open and citizen-centric public services. Supporting innovative SMEs, including start-ups. 3 phases: SME Instrument (70% funding). Deadline of the first phase in March, June, September and December 2015.

*INSO-10-2015: SME business model innovation.* 3 separate phases and mentoring service for beneficiaries, with phases of feasibility study, innovation projects and indirect support measures. Funding scheme: SME Instrument (70%). Deadline of the first phase in March, June, September and December 2015.

Fast Track to innovation – Pilot. First cut off date in 2015

**Other Actions**

*Actions to foster innovation policies*: strengthen the evidence-base for R&I policy making (I & II). Deadlines tbc.

*Actions to foster innovation policies*: new forms of innovation (III). Prizes, public procurement, expert contracts

*International Cooperation* (IV). Expert contracts.

*External expertise* (V). Expert contracts.

*COST* (VI). Call for grant to identified beneficiaries to administrate the two different COST funding: Science and Technological Cooperation and Widening Activities.

1. **Climate action, environment, resource efficiency and raw materials**

[Climate action, environment, resource efficiency and raw materials work package](file:///\\nask.man.ac.uk\home$\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-climate_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call - Waste: A resource to recycle, reuse and recover raw materials**. (H2020-WASTE-2014/15)

*WASTE1-2014:* *Moving towards a circular economy* *through industrial symbiosis.* Deadline 04/08/14 for the first stage.

*WASTE-2-2014:* *A systems approach for the reduction, recycling and reuse of food waste*. Especially at consumer level. Understanding the business and consumer behaviour. Reducing food waste and packaging materials. Evaluating food waste in all its components. Development of database/inventory. Solid involvement of social sciences and humanities and civil society to better understand the socio-economic, cultural and environmental dimension. Research and Innovation Action (100% funding, one stage). Deadline 08/04/14 for the first stage.

*WASTE-3-2014:* *Recycling of raw materials from products and buildings*. Deadline 08/04/14.

*WASTE-4-2014/15:* *Towards near-zero waste European and global level*. New market opportunities. Best practices, benchmarks and standards, awareness on behavioural, social, political, cultural and institutional aspects of solid waste management. Improving knowledge and metrics of specific waste streams in Europe. Coordination and Support Actions. Deadline 08/04/14 (a,b,c subtopics), 10/03/15 (c).

*WASTE-5-2014:* *Preparing and promoting innovation procurement for resource efficiency*. Network of public procurers. Creation of buyers' group. Launching of joint or coordinated public procurement of innovation PPI. Coordination and Support Actions. Deadline 08/04/14.

*WASTE6-2015:* *Promoting eco-innovative waste management and prevention as part of sustainable urban development*. Eco-innovative solutions to prevent waste generation and promote the use of waste as a resource to enhance the living environment in urban areas. Market uptake. Urban metabolism perspective and approach and interdisciplinary research and innovation. Engagement of local authorities, citizens and stakeholders. a)Eco-innovative solutions, demonstration, incentives for more sustainable production and consumption patterns, industry participation including SMEs. Innovation Actions (70% funding) | b) Eco-innovative strategies. Waste prevention and management in urban areas. Urban patterns, drivers and lifestyles influencing the metabolism of cities. Research and Innovation Action (100% funding, two stages); and Innovation Actions. Deadline 16/10/14 for the first stage.

*WASTE-7-2015:* *Ensuring sustainable use of agriculture waste, co-products and by-products*. Evaluation of existing techniques and develop new and innovative approaches. Research and Innovation Actions. Deadline 16/10/14 for the first stage.

**Call - Water innovation: boosting its value for Europe. (H2020-WATER2014/15)**

*WATER-1-2014/15:* *Bridging the gap: form innovative water solutions to market replication*. Market replication, demonstration activities. Innovation actions (70% funding). Deadlines: 08/04/14 and 16/10/14 (each two stages application)

*WATER-2-2014: Integrated approaches to water and climate change*. Low-carbon pathways, costs of adaptation. Water cycle under future climate forecasting, extreme weather events, risk management. Approaches to food security, low-carbon energy, sustainable water management and climate change mitigation. Research and Innovation Actions (100% funding). Deadlines: 08/04/14 and 16/10/14 for different topics (a,b) both deadlines in two stages application.

*WATER-3-2014/15:* *Stepping up EU research and innovation cooperation in the water area*. ERA-NET Cofund. Deadlines: 08/04/14 and 10/03/15.

*WATER-4-2014:* *Harnessing EU water research and innovation results for industry, policy makers and citizens*. Adequate knowledge transfer practices and mechanisms. Dissemination and exploitation of EU funded activities. Identify research gaps. Help cluster eco-innovative companies. Integration of water and waste sectors in the Smart Cities and Communities EIP (European Innovation Partnership). Coordination and Support Actions. Deadlines: 08/04/14 and 10/03/15 for different topics (a,b).

*WATER-5-2014/15:* *Strengthening international R&I cooperation in the field of water.* In developing countries, especially in Africa. International cooperation. Also emerging economies, especially India and China. Strategic partnerships in the field of water. a) Development of water supply and technology focused in Mediterranean countries and Africa. Research and Innovation Action (100%, two stages). b) Coordination platform for scientists, decision makers, practitioners, stakeholders fro Africa countries through 2014-20 to identify opportunities and constrains for the sustainable management of water and other natural resources. Coordination and Support Action, single stage. c) Strategic cooperation partnership for water research and innovation. Europe and the world. Networks of companies, entrepreneurs, funding bodies, to create business opportunities. Coordination and Support Actions. Deadlines: 08/04/14, 10/03/15 and 16/10/14 for different topics (a,b,c), each of them in two stages of application.

**Call - Growing a Low Carbon, Resource Efficient Economy with a Sustainable Supply of Raw Materials.** (H2020-SC5-2014/15)

*SC5-1 & 2- 2014/15:* *Climate services for Europe and globally*.

*SC5-3-2014:* *The economics of climate change actions and linkages with sustainable development*. Two options or sub-topics: Comprehensible economic assessment of climate change impacts and response strategies; benefits and risks of transitional technological energy systems. Examining linkages between climate change actions and sustainable development through international research collaboration. Research and Innovation Actions (100%, two stages). Deadline 08/04/14, first stage.

*SC5-4-2014/15:* *Improving the air quality and reducing the carbon footprint of European cities*. Fighting air pollution through the development of technologies and strategies. Application of tools. Research and Innovation Actions. Deadline 16/10/14, first stage.

*SC5-5-2014/15:* *Coordinating and supporting research and innovation for climate action*. Creation of climate change networks throughout H2020 framework on Climate mitigation options and earth system modelling and climate services. Coordination and Support Action. Deadlines: 08/04/14 and 10/03/15 (two stages each deadline).

*SC5-6-2014:* *Biodiversity and ecosystem services: drivers of change and causalities*. Research and Innovation Action (100%, two stages)

*SC5-7-2015:* *More effective ecosystem restoration in the EU*. Research and Innovation Action (100%, two stages)

*SC5-8-2014:* *Preparing and promoting innovation procurement for soil decontamination*. Creation of new markets in this area. Support to PC P (pre-commercial procurement), single stage

*SC5-9-2014:* *Consolidating the European Research Area on biodiversity and ecosystem services*. ERA-NET Cofund.

*SC5-10-2014/15:* *Coordinating and supporting research and innovation for the management of natural resources*. Creation of European networks. Enhancing mapping ecosystems (2014). Mechanism for evidence-based policy on biodiversity and ecosystems services. Structuring research on soil, land-use, land management in Europe (2014). Coordination and Support Actions. Deadlines: 08/04/14 and 10/03/15 (two stages each deadline).

*SC5-11-2014/15:* *New solutions for sustainable production of raw materials*. To facilitate market uptake of solutions, industrial driven multidisciplinary research. Research and Innovation Actions (100%, single stage). Deadlines: 08/04/14 and 10/03/15 (two stages each deadline).

*SC5-12-2014/15:* *Innovative and sustainable solutions leading to substitution of raw materials*.

*SC5-13-2014/15:* *Coordinating and supporting raw materials research and innovation*. Adequate framework conditions, mineral policies, data reporting system, raw materials knowledge infrastructure, international cooperation, knowledge of raw materials reserves and resources. Mineral deposits of public importance (2014). Raw materials intelligence capacity (2015). Raw materials research and innovation coordination, engagement o key players , common long term 2050 vision and roadmap. Coordination and Support Actions, single stage. Deadlines: 08/04/14 and 10/03/15 (two stages each deadline).

*SC5-14-2014:* *Consolidating global knowledge on the green economy in support of sustainable development objectives in Europe and internationally*. Creation of networks, cross-disciplinary interaction. Including eco-innovation, sustainable production and comsumption, greening global value chains, green growth and jobs, etc. Coordination and Support Actions, single stage. Deadline 08/04/14.

*SC5-15-2015:* *Strengthening the European Research Area in the domain of Earth Observation*.

*SC5-16-2014:* *Making Earth Observation Data usable for ecosystem modelling and services*. Research and Innovation Action (100% funding)

*SC5-17-2015:* *Demonstrating the concept of “Citizen Observatories”*.

*SC5-18-2014/15:* *Coordinating and supporting Earth Observation research and innovation in Europe and in the North African, Middle East, and Balkan region*. Coordination and Support Actions.

*SC5-19-2014/15:* *Coordinating and support research and innovation in the area of climate action, environment, resource efficiency and raw materials. Cross-challenge topic.* Coordination and Support Actions.

*SC5-20-201/15: Boosting the potential of small business for eco-innovation and a sustainable supply of raw materials. Cross-challenge topic.* SME Instrument.

*Other actions: policy relevant analysis and forward looking reflection*: cultural heritage, re-naturing cities, climate-resilient society, eco-innovation; follow-up to Rio+20; etc. Experts group. 2014 and 2015 calls.

1. **Health, demographic change and wellbeing**

[Health, demographic change and wellbeing work package](file:///P:\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-health_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call – Personalising health and care (H2020-PHC-2014/15)**

**Understanding health, ageing and disease**

*PHC1-2014: Understanding health, ageing and disease: determinants, risks factors and pathways.* Identification of health trends and determinants through data derived from relevant disciplines exploiting existing cohorts and longitudinal studies. Identification of determinants and pathways characteristic of healthy and active ageing. Research and innovation actions. Deadline 11/03/14, two stage application.

*PHC4-2015: Health promotion, disease and prevention: improved inter-sector cooperation for environment and health based interventions.* Various sectors, multidisciplinary approach involving relevant stakeholders. To develop inter-sector interventions and document its success. Economic, and social assessment. Research and innovation actions. Deadline in 2015, two stage application.

**Effective health promotion, disease prevention, preparedness and screening**

*PHC5-2014: Health promotion and disease prevention: translating ‘omics’ into stratified approaches.* Multidisciplinary approach to assess validity of ‘omics’; development of tools and methods for the use of data; data preventive medicine; risk-benefit communication to various groups. Research and innovation actions. Deadline 11/03/14, two stage application.

*PHC6-2014: Evaluating existing screening and prevention programmes.* Deadline in 2015 single stage. Deadline 11/03/14, two stage application.

**Innovative treatments and technologies**

*PHC17-2014: Comparing the effectiveness of existing healthcare interventions in the elderly*. Including health and socio-economic outcomes (quality of life, patient mortality, morbidity costs, performance). Research and innovation actions. Deadline 11/03/14, two stage application.

*PHC18-2015: Establishing effectiveness of health care interventions in the paediatric population*. Clinical research approaches using health technology assessment methods. Research and innovation actions. Deadline in 2015, two stage.

**Advancing active and healthy ageing**

*PHC22-2015: Promoting mental wellbeing in the ageing population*. Multi-disciplinary research. Deadline in 2015 two stage.

Physical, psychological, environmental and social determinants of health ageing. Behaviour, resilience, sensory deficits, chronic disease, substance use, socio-economic stressors, etc. Research and Innovation Actions. Deadline in 2015 single stage.

**Integrated, sustainable, citizen-centred care**

*PHC23-2014: Developing and comparing new models for safe and efficient, prevention oriented health and care systems*. To make those systems more patient-centred, prevention oriented, efficient, resilient to crises, safe and sustainable. Research and Innovation Actions. Deadline 11/03/14, two stage.

*PHC26-2014: Self-management of health and disease: citizen engagement and mHealth.* Addressing the holistic approach: healthy lifestyle, dietary habits, disease management, health education, etc. Research and innovation actions. Deadline 15/04/14, single stage.

*PHC27-2015: Self-management of health and disease and patient empowerment supported by ICT.* Research into socio-economic and environmental factors and cultural values. Gender and ethical issues. Health procurers and costs. Pre-commercial procurement co-fund actions. Deadline in 2015 single stage.

*PHC28-2015: Self-management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself*. Research and innovation actions. 2015 single stage.

**Improving health information, data exploitation and providing an evidence base for health policies and regulation**

*PHC30-2015: Digital representation of health data to improve disease diagnosis and treatment.* Multi-scale and multi-level physiological models with current and historical patient specific data and population specific data to generate new clinical information. Integrated data analysis and data representation. Research and Innovation Actions. Deadline 15/04/15, single stage.

*PHC31-2014: Foresight for health policy development and regulation.* Identification of key driving forces external and internal to the health systems that influence health and wellbeing. Research and Innovation Actions. Deadline 15/04/14, single stage application.

*PHC32-2014: Advancing bioinformatics to meet biomedical and clinical needs.* Current available bioinformatics tools are insufficient to maximise the use of the new complex data. Data collection, storage, organisation, integration, analysis and exploitation. Research and Innovation Actions. Deadline 11/03/14, two stage application.

*PHC34-2014: eHealth interoperability.* Coordination and Support Actions. Deadline 15/04/14, single stage application.

**Coordination Activities**

*HCO1-2014: Support for the European Innovation Partnership on Active Healthy Ageing.* Deadline 15/04/14, single stage.

*HCO2-2014: Joint Programming: Coordination Action for the Joint Programming Initiative (JPI) “More Years, Better Lives – the Challenges and Opportunities of Demographic Change”*. Deadline 15/04/14, single stage.

*HCO3-2015: Support for the European Reference Networks*: Efficient network modelling and validation. Deadline 15/04/14, single stage.

1. **Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy**

[Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy](file:///P:\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-food_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call – Sustainable Food Security (H2020-SFS-2014/15)**

**Sustainable food production systems**

*SFS-6-2014: Sustainable intensification pathways of agro-food systems in Africa*. Including present emerging initiatives at national, EU, African and global level. Economic factors, anthropological and cultural aspects. Creation of long term partnership between Europe and Africa. Coordination and Support Actions. Deadline 26/06/14.

*SFS-7-2014/15: Genetic resources and agricultural diversity for food security, productivity and resilience.* Tradicional resources for agricultural diversity and the food chain. Management of sustainable use of genetic resources. Research and Innovation Actions. First stage deadline 12/03/14.

*SFS-8-2014/15: Resource-efficient eco-innovative food production and processing*. SME Instrument (70%). First phase deadline 18/06/14, and 18/03/15 (two deadlines and two phases).

*SFS-13-2015: Biological contamination of crops and the food chain*. ICT solutions cost effective controls tools policy-proposed solutions, etc. Research and Innovation Actions. First stage deadline 24/02/15.

*SFS-16-2015: Tackling malnutrition in the elderly.* Mechanisms of ageing process, dietary strategies, holistic approach, dietary behaviours, sensory aspects, gender dimension, social networks, monitoring, recommendations, global markets, etc. Research and Innovation Actions. First stage deadline 24/02/15.

*SFS-18-2015: Small farms but global markets: the role of small and family farms in food and nutrition security.* International cooperation with the inclusion of third country participants, especially from Africa and Asia. Research and Innovation Actions. First stage deadline 24/02/15

*SFS-19-2014: Sustainable food and nutrition security through evidence based EU agro-food policies*. Strengthening the analytical capacity on food and nutrition security. Understanding relevant issues impacting the agro-food sector. Policy making. Research and Innovation Actions. First stage deadline 12/03/14.

*SFS-20-2015: Sustainable food chains through public policies: the cases of the EU quality policy and of public sector food procurement.* Investigating the impact of quality policy and public sector food procurement policies including school schemes on the overall sustainability of rural territories. Research and Innovation Actions. First stage deadline 24/02/15.

**Call – Innovative, Sustainable and Inclusive Bioeconomy** (H2020-ISIB-2014/15)

**Sustainable Agriculture and Forestry**

*ISIB-3-2015: Unlocking the growth potential of rural areas through enhanced governance and social innovation*. Through analysis of social innovation in agriculture, forestry and rural development stablishing appropriated methods for evaluation. Research and Innovation Actions. Deadline 24/02/15, first stage.

*ISIB-4-2014/15: Improved data and management models for sustainable forestry.* Research and Innovation Actions. Deadlines: 12/03/14 and 24/02/15, for the first stage application.

*ISIB-8-2014: Towards an innovative and responsible bioeconomy.* Coordination and support actions. Deadline 26/06/14.

*ISIB-12-2014/15: Public-Public Partnerships in the bioeconomy*. ERA-NET Cofund. Deadlines: 26/06/14 and 11/06/15.

1. **Secure, clean and efficient energy**

[Secure, clean and efficient energy work package](file:///P:\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-energy_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call – Energy Efficiency** (H2020-EE-2014/15)

**Building and Consumers**

*EE2-2015: Building design for new highly energy preforming buildings: Development and demonstration solutions*. Innovative technologies, indoor air quality, comfort, passive solutions, energy storage, renewable energy, building systems. Innovation actions. Deadline 09/12/14.

*EE4-2014: Construction skills.*Training of architects, building managers and other professionals. Integrated design and operational management practices, BUILD UP Skills initiative. Training activities. Coordination and support actions (100% funding). Deadline 05/06/14.

*EE5-2014/15: Increasing energy performance of existing buildings through process and organisation innovations and creating a market for deep renovation.* Renovation specially of public buildings, upgrade in working practices, building sector, develop a marketplace for deep renovation packages, removing market barriers, product and process innovation in the construction sector, regulations, property valuation techniques, quality standards, monitoring mechanisms, finance deep renovation, energy performance. Coordination and support actions (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE6-2014/15: Demand response in blocks of buildings.* Participation of end user consumers, energy management technologies, energy management systems, real time optimisation of energy demand and supply. Demonstration block of buildings. Capability of consumers to participate in demand response solutions. Innovation actions (70% funding). Deadline 10/06/15.

*EE7-2014/15: Enhancing the capacity of public authorities to plan and implement sustainable energy policies and measures.* Local, regional and national authorities. Multidisciplinary. Country comparison of urban mobility plans. Policies. Capacity building. Coordination and support actions (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE8-2014/15: Public procurement of innovative sustainable energy solutions.* Targeting less advanced countries . Operational barriers to sustainable energy; training providing; sustainable procurement practices implementation. Coordination and support action (100% funding). Deadlines 05/06/14.

*EE9-2014/15: Empowering stakeholders to assist public authorities in the definition and implementation of sustainable energy policies and measurements.* Coordination of stakeholders for effective implementation. Targeting specific actors. Capacity building and engagement activities. Coordination and support actions (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE10-2014/15: Consumer engagement for sustainable energy. Residential use of energy.* Changing behaviour of consumers in their everyday life, educational activities, ICT, gender issues, social innovations, better understanding of consumers' and other stakeholders perceptions and motivations. Coordination and support actions (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE11-2014/15: New ICT-based solutions for energy efficiency*. To motivate and support citizen's behavioural change. Innovative ICT ecosystems. Research and innovation action (70% funding, prizes). Deadlines 05/06/14 and 10/06/15.

*EE12-2014/15: Socioeconomic research on energy efficiency.* Engineering and social sciences. Long-term strategies, cost-effective policies, influencing consumer behaviour and trends in society; socio-economic activities, cross sectorial approach, specific sectors, gender, macroeconomic models. Research and innovation action (100% funding). Deadline 05/06/14,

**Heating and Cooling**

*EE13-2014/15: Technology for district heating and cooling*. Energy resources and waste heat recovery. Demonstrate new DH systems. Innovative pipe design, insulation. Research and innovation action (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE14-2014/15: Removing market barriers to the uptake of efficient heating and cooling solutions*. The right market conditions. A energy systems, inspection, industry, energy supply systems, Consortia including relevant market actors. Coordination and support action (100% funding). Deadlines 05/06/14 and 10/06/15.

**Industry and products**

*EE15-2014/15: Ensuring effective implementation of EU efficiency legislation.* Coordination and support actions (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE16-2014/15: Organisational innovation to increase energy efficiency in industry*. Removing market barriers and lack of expertise. Prioritising energy-intensive industries. Capacity building projects. Coordination and support actons (100% funding). Deadlines 05/06/14 and 10/06/15.

*EE17-2015: Driving energy innovation through large buyer groups***.** Coordination and Support Actions. Deadline 10/06/15.

**Finance for sustainable energy**

*EE19-2014/15: Improving then financeability and attractiveness of sustainable energy investments.* To develop new financing products and practices that respond to the constrains of the market. Coordination and support actions (100% funding). Deadline 05/06/14 and 10/06/15.

*EE20-2014/15: Project development assistance for innovative bankable and aggregated sustainable energy investment schemes and projects.* To support project promoters through dedicated project development assistance facilities and capacity building to demonstrate viability and positive impacts of sustainable energy investments. Focus on public and private buildings, retail energy market, commerce and logistics. Coordinate and support action (100% funding). Deadline 05/06/14 and 10/06/15.

*EE21-2014/15: Development and market roll-out innovative energy services and financial schemes for sustainable energy.* Coordination and support action (100% funding). Deadline 05/06/14 and 10/06/15.

**Call - Competitive Low-Carbon Energy LCE** (H2020-LCE-2014/15)

**Renewable electricity and heating/cooling**

*LC4-2014/15: Market uptake of existing and emerging renewable electricity, heating and cooling technologies.* To create the appropriate business enviroment, ensuring sustained public aceptance of renewables, ensuring user friendly procedures, renewable energy policies, capacity building and further development of renewables policies, business models and financing. Coordination and Support Actions. Deadlines: 07/05/14 and 03/03/15.

**Modernising the European electricity grid**

*LCE6-2014: Transmission grid and wholesale market*. Demonstration and R&D. Including business models, cost-benefit analysis, market architectures and rules and regulatory regimes, societal research into market uptake part (data security, public acceptance, etc). Innovation action (70% funding); Research and Innovation Action (100%). Deadline 030/03/15.

*LCE7-2015: Distribution grid and retail market*. Demonstration and R&D. Including business models, cost-benefit analysis, market architectures and rules and regulatory regimes, societal research into market uptake part (data security, public acceptance, etc). Innovation action (70% funding). Deadline 07/05/14.

**Providing the energy system with flexibility through enhanced energy storage technologies**

*LCE8-2014: Local/small-scale storage*. With consideration to the social, socioeconomic aspects and improved models, potential market. Industry competitiveness. Innovation action (70% funding). Deadline 07/05/14.

*LC9-2015: Large scale storage*. With consideration to the social, socioeconomic aspects and improved models, potential market. Industry competitiveness. Innovation action (70% funding). Deadline 03/03/15.

*LC10-2014: Next generation technologies for energy storage*. Economic modelling. Addressing environmental, economic and public acceptance issues developing recommendations. Research and Innovation Action (100% funding). Deadline 07/05/14 and 03/03/15.

**Sustainable biofuels and alternative fuels for the European transport fuel mix**

*LC14-2014/15: Market uptake of existing and emerging sustainable bioenergy*. Various sub-challenges. Coordination and Support Actions. Deadline 07/05/14 and 030/03/15.

**Enabling decarbonisation of the use of fossil fuels during the transition to a low-carbon economy**

*LCE16- 2014: Understanding, preventing and mitigating the potential environmental impacts and risks of shale gas exploration and exploitation.* Better understanding of the fracturing process and environmental effects. Data collection and identification/assessment; recommendations and best practices. Knowledge sharing with US and Canada. Research and Innovation Actions (100% funding). Deadline 01/04/14, two stages.

**Social, environmental and economic aspects of the energy system**

*LCE20-2014: The Human factor in the energy system.*Actors' awareness, attitudes, risk perception, consumption behaviour, and investment decisions. Different actors/stakeholders, particularly consumers. To stimulate public engagement. Building European networks. Development and support of vocational education and training networks and networks of universities with links to business and research to address skills, knowledge and competencies. Research and Innovation Action (100% funding); Coordination and Support Actions. Deadline 10/09/14.

*LCE21-2015: Modelling and analysing the energy system, its transformation and impacts.*To enable policy decisions addressing particular portfolios of energy technologies and legal and financial framework. Comparative assessment and/or analysing and modelling. Research and Innovation Action (100% funding). Deadline 03/03/15. Deadline 03/03/15.

**Call – Smart Cities and Communities (H2020-SCC-2014/15)**

*SCC1-2014/15: Smart Cities and Communities solutions integrating energy, transport, ICT sectors through lighthouse (large scale demonstration - first of the kind) projects.* To exploit better local resources optimising the use of renewables, sustainability of urban transport, greenhouse emission in urban areas, etc , ensuring better life conditions. Lighthouse project (demonstration of replicatble SCC concepts). Main areas: Low energy districts / Integrated infrastructures / Sustainable urban mobility. Consortia including industry, city planning and authorities reflecting the view of consumer organisations; including 2-3 follower cities contributing to the process; including ambitious urban plan; including funding from other sources (eg private, EU cohesion funds or regional funds, etc); including business plan; including clear defined structure. Innovative Action (70% funding). Deadline 07/05/14.

**Enhancing the roll-out of Smart Cities and Communities solutions by stimulating the market demand**

*SCC 2 – 2014: Developing a framework for common, transparent data collection performance measurement to allow comparability and replication between solutions and best practice identification.* Coordination and Support Actions. Deadline 07/05/14.

[*SCC 3 – 2015*](http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html)*: Development of system standards for smart cities and communities solutions.* Coordination and Support Actions. Deadline 03/03/15.

[*SCC 4 – 2014*](http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html)*: Establishing networks of public procures in local administrations on smart city solutions.* Coordination and Support Actions. Deadline 07/05/14.

*SCC 5 - 2015: Smart solutions for creating better cities and communities - assistance for a prize competition.* Deadline 03/03/15.

**Other Actions**

*Buildings and Consumers.* Support to policy development and implementation of the Energy Efficiency relevant Directives and Regulations. Public Procurement.

*B.1.4 Innovative financing for sustainable energy*. Delegations agreement/FAFA

*B.2.2 Coordination of Renewable Energy policies development and implementation through concerted actions with MSs*.

1. **Smart, green and integrated transport**

[Smart, green and integrated transport work package](file:///P:\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-transport_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call – ‘Mobility for Growth’ (H2020-MG-2014/15)**

**Road**

*MG.3.2-2014: Advanced bus concepts for increased efficiency*. Improvement of public transport in Europen through more attractive buses, development of standard components and demonstration. SME active participation. Innovation Actions. First stage deadline 18/03/14.

*MG.3.4-2014: Traffic safety analysis and integrated approach towards the safety of Vulnerable Road Users.* Developing an in-depth understanding of road accident causation; improving the safety of Vulnerable Road Users. Research and Innovation Actions. First stage deadline 18/03/14.

*MG.3.5-2014: Cooperative ITS for safe, congestion-free and sustainable mobility.* Smart mobility solutions. Research and Innovation Actions and Coordination and Support Actions. Deadline 28/08/14.

**Urban Mobility**

*MG.5.2-2014: Reducing impacts and costs of freight and service trips in urban areas*. Efficiency of goods, waste, and service trips to reduce negative impacts and costs. Development of best practice. Research and Innovation Actions. First stage deadline 18/03/14.

*MG.5.3.-2014: Tackling urban road congestion*. New thinking and innovative business models and service concepts for public transport, walking and safe cycling with limited public budgets, including vulnerable groups and gender. Research and Innovation Actions. First stage deadline 18/03/14.

*MG.5.4-2015: Strengthening the knowledge and capacities of local authorities*. New strategic planning approaches at local level. The concept of Sustainable Urban Mobility Plans (SUMPs). Use of reliable data and analysis. Sustainable financing. Research and Innovation Actions. First stage deadline 31/03/15.

*MG.5.5-2015: Demonstrating and testing innovative solutions for cleaner and better urban transport and mobility*. Living labs with four to five cities. Production of added-value inputs to the development of European knowledge base on the effectiveness and impacts of innovative mobility solutions. Innovation Actions and Coordination and Support Actions. Deadline 27/08/15.

**Logistics**

*MG.6.1-2014: Fostering synergies alongside the supply chaing (including e-commerce).* Through improved collaboration and concerted actions; C-ITS; proof of concept model for e-commerce logistics execution; development of tools and tests. Research and Innovation Actions. Deadline 18/03/14, first stage.

*MG.6.2-2014: De-stressing the supply chain*. Assessment of the added value of, and the technical, economic, political, social and organisational aspects of the whole transport and logistics supply chain. Research and Innovation Actions. Deadline 18/03/14, first stage.

MG.6.3-2015: *Common communication and navigation platforms for pan-European logistics applications*. Research and Innovation Actions. Deadline 31/03/15, first stage.

**Intelligent transport systems**

MG.7.1-2014: Connectivity and information sharing for intelligent mobility. One or several activities: transport data; Communication network architectures and solutions for real-time information exchange; green driving support systems. Market structures and business segmentation. Research and Innovation Actions. Deadline 18/03/14, first stage.

**Infrastructure**

*MG.8.2-2014: Next generation transport infrastructure: resource efficient, smarter and safer.* Innovative solutions. Advance methods of data collection (including automatic sensing) and analysis. Pollution study. Malicous acts. Pro-active safety systems. Networking among operators. SME integration. Research and Innovation Actions and Coordination and Support Actions. Deadline 28/08/14

*MG.8.3-2015: Facilitating market take up of innovative transport infrastructure solutions*. Public Procurement of Innovative solutions PPI Cofund. Deadline 27/08/15

*MG.8.4-2015: Smart governance, network resilience and streamlined delivery of infrastructure innovation.* Overcoming the lack of a common framework for governance, management and finance of transport infrastructure projects. SME active participation. Research and Innovation Actions, Innovation Actions and Coordination and Support Actions. Deadline 27/08/15

**Socio-economic and behavioural research and forward looking activities for policy making**

*MG.9.1-2015: Transport societal drivers*. Sound understanding of behavioural and societal factors that influence transport demand and supply. Forum for communication, collaboration, relationship-building multi-stakeholder interactions. Coordination and support actions. Deadline 31/03/15.

*MG.9.2-2014: User behaviour and mobility patterns in the context of major societal trends*. Factors that influence user behaviour and modal choice and intensity. Building on existing knowledge and data. Coordination and Support Actions. Deadline 27/03/14.

*MG.9.3-2014: Analysis of funding schemes for transport infrastructure*. Different sectors and geographical areas. Assessment of impact on economic development, value for public money, user benefits, life-cycle investment, efficiency, governance and procurement modalities. Coordination and Support Actions. Deadline 27/03/14.

*MG.9.4-2014: Research, technology development and market prospects for the European transport industries.* Identifying present and emerging market prospects at a global scale, making use of diverse data and information sources. Coordination and Support Actions. Deadline 27/03/14. Deadline 27/03/14.

*MG.9.6-2014: Strengthening the research and innovation strategies of the transport industries in Europe*. Identifying common research and innovation needs and defining corresponding objectives, agendas and roadmaps. Coordination and Support Actions. Deadline 28/08/14. Deadline 28/08/14.

**Other Actions**

*Europe wide open source transport models, technology watch, data and scenarios*. Integration of collected information in databases and alternative scenarios for the next 50 years. Platform for permanent data acquisition. Public Procurement in the second quarter of 2015.

*External expertise* for evaluation and monitoring and advising on EU research policy. Expert contracts and Expert groups.

1. **Secure societies – Protecting freedom and security of Europen and its citizens**

[Secure societies – Protecting freedom and security of Europe and its citizens work package](file:///P:\HUBS_WEB\WEB\WebdocsJan2014\h2020-wp1415-security_en.pdf)

[Participant portal reference documents link](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-main-wp)

**Call – Disaster-resilience: safeguarding and securing society, including adapting to climate change (H2020-DRS-2014/15)**

**Crisis Management**

*DRS-1-2015: Crisis management topic 1: Potential of current and new measures and technologies to respond to extreme weather and climate events*. Deadline 27/08/15.

*DRS-3-2015: Crisis management topic 3*: *Demonstration activity on large scale disasters and crisis management and resilience of EU external assets against major identified threats or causes of crisis*. Linking policy research and end-users. Sound governance and good knowledge of resilience factors. Increasing capacity to anticipate, prepare and respond to disasters, enhancing capability, fast assessment, prevention. Innovation Actions. Deadline 27/08/15.

*DRS-4-2014: Crisis management topic 4*: *Feasibility study for strengthening capacity-building for health and security protection in case of large-scale pandemics – Phase I Demo*. With international cooperation. Coordination and Support Actions. Deadline 28/08/14.

*DRS-5-2014: Crisis management topic 5: Situation awareness of Civil Protections decision-making solutions – preparing the ground for a Pre-commercial Procurement PCP project*. Coordination and Support Actions. Deadline 28/08/14.

*DRS-6-2015: Crisis management topic 6: Addressing standardisation opportunities in support of increasing disaster in Europe.* Proposed standardisation activities within crisis management, civil protection and or CBRNE. Coordination and Support Actions. Deadline 27/08/15.

*DRS-7-2014: Crisis management topic 7: Crisis and disaster resilience – operationalizing resilience concepts.* Survey and evaluation, sectorial approaches. Development of guidelines and pilot implementation. Research and Innovation Actions. Deadline 28/08/14.

**Disaster Resilience and Climate Change**

*DRS-9-2014/15: Disaster Resilience & Climate Change topic 1: Science and innovation for adaptation to climate change: from assessing costs, risks and opportunities to demonstration of options and practices.* Develop a platform for consultations supporting clustering and cooperation. Coordination and Support Actions. Develop methods to assess climate change impacts, vulnerabilities and risks; assessment of adaptation measures; providing tools. Research and Innovation Actions. Support, test and disseminate options; monitoring; innovative solutions. Innovation Actions. Deadline 28/08/14.

**Critical Infrastructure Protection**

*DRS-14-2015: Critical Infrastructure Protection topic 3: Critical Infrastructure resilience indicator – analysis and development of methods for assessing resilience*. Holistic approach; various indicators. New methods and solutions. Better risk assessment. Targeting needs and requirements of public bodies. Research and Innovation Actions. Deadline 27/08/15.

**Ethical/Societal Dimension**

*DRS-20-2014: Ethical/Societal Dimension topic 1: Improving protection of Critical infrastructures from insider threats.* Factors of a violent radicalisation process (including family and social environment, psychological factors, religion and ideology, the internet and social media, socio-economic and political factors) as well as conditions leading from ideas to violence. Coordination and Support Actions. Deadline 28/08/14.

*DRS-21-2014: Ethical/Societal Dimension topic 2: Better understanding the links between culture, risk perception and disaster management.* Factors to be taking in consideration during disaster situations in urban areas. Identify solutions to cultural problems in the event of an emergency. Coordination and Support Actions. Deadline 28/08/14.

*DRS-22-2015: Ethical/Societal Dimension topic 3: Impact of climate change in third countries on Europe’s security.* Minimising negative consequences of climate-driven crises. Coordination and Support Actions. Deadline 27/08/15. Deadline 27/08/15.

**Call – Fight against crime and terrorism (H2020-FCT-2014/15)**

**Forensics**

*FCT-1-2015: Forensics topic 1: Tools and infrastructure for the fusion, exchange and analysis of big data including cyber-offenses generated data for forensic investigation.* Provide solutions in the intelligent use and management of complex and large amount of data. State-of-the-art technologies. Tools and platforms. Personal data and related ethical and legal issues. Research and Innovation Actions. Deadline 27/08/15.

*FCT-2-2015: Forensic topic 2: Advanced easy to use in-situ forensic tools at the scene of crime. Development of methodologies of tools and standards for secure storage, access and the exchange of forensic data support evidence*. Specific areas of research in forensics. Innovation Actions. Deadline 27/08/15.

*FCT-4-2015: Forensics topic 4: Internet Forensics to combat organized crime.* Investigation techniques concerned with Internet as media used by organized crime. Ethical issues. Innovation Actions. Deadline 27/08/15.

**Law enforcement capabilities**

*FCT-6-2015: Law Enforcement capabilities 2: Detection and analysis of terrorist-related content on the Internet.* Technique and Ethics. Innovation Actions. Deadline 27/08/15.

*FCT-9-2015: Law Enforcement capabilities topic 5: Identity Management.* With proper breeder documents; documents lifecycle; physical and virtual access; virtual identities; identity fraud; virtual places; security features; quality control…Research and Innovation Actions. Deadline 27/08/15.

**Urban security**

*FCT-10-2014: Urban security topic 1: Innovative solutions to counter security challenges connected with large urban environment.* Technologies and socio-economic disciplines. Interdisciplinary approach. Research and Innovation Actions. Deadline 28/08/14.

*FCT-11-2014: Urban security topic 2: Countering the terrorist use of an explosive threat, across the timeline of a plot, including the detection of explosive in a flow.* Research and Innovation Actions. Deadline 28/08/14.

**Ethical/Societal Dimension**

*FCT-13-2014: Ethical/Societal Dimension topic 1: Factors affecting (in-) security*. Priority areas and suggestions for policy makers; identification of factors influencing public and personal assessment security; strategic security; demographic background and groups and different aspects of gender, age, income, occupation, etc. Coordination and Support Actions. Deadline 28/08/14.

*FCT-14-2014: Ethical/Societal Dimension topic 2: Enhancing cooperation between law enforcement agencies and citizens – Community policing*. Stressing prevention, early identification, timely intervention, etc., best practices. Research and Innovation Actions. Deadline 28/08/14.

*FCT-15-2015: Ethical/Societal Dimension topic 3: Better understanding the role of new social media networks and their use for public security purposes*. Social media influencing public security planning; prediction and identification of possible future threats. Coordination and Support Actions. Deadline 27/08/15.

*FCT-16-2015: Ethical/Societal Dimension topic 4: Investigating the role of social, psychological and economic aspects of the processes that lead to organized crime (including cyber related offenses), and/or terrorist networks and their impact on social cohesion*. Friendships, kinships, milieus and peer groups of networks and social media. State of the art theory and research on inclusion and social cohesion and economic measures. Research and Innovation Actions. Deadline 27/08/15.

*FCT-17-2015: Fast track to Innovation Topic*. Tbc. Deadline 27/08/15.

**Call – Border Security and External Security (H2020-BES-2014/15)**

**Border crossing points**

*BES-5-2015: Border crossing points topic 1: Novel mobility concepts for land border security*. Development of mobility concepts and traveller programmes. Novel technological solutions. Development of an ABC gate for land borders. Research and Innovation Actions. Deadline 27/08/15.

*BES-6-2015: Border crossing points topic 2: Exploring new modalities in biometric-based border checks*. E-passport chip data storage, ethical, societal and data protection aspects. Research and Innovation Actions. Deadline 27/08/15.

*BES-7-2015: Border crossing points topic 3: Optimization of border control processes and planning*. Combining operators and new technologies; planning and perform efficiency; workflows for border control scenarios. Coordination and Support Actions. Deadline 27/08/15.

**Supply Chain Security**

*BES-12-2014: Conflict prevention and peace building topic 1: Enhancing the civilian conflict prevention and peace building capabilities of the EU.* Overcoming the new asymmetrical conflicts reopened after the cold war in the new multipolar structure of international politics. Clear assessment of the capabilities in external conflict prevention and peace building. Coordination and Support Actions. Deadline 28/08/14.

*BES-13-2015: Conflict prevention and peace building topic 2: Training curricula for Conflict Prevention and Peace Building personnel*. Coordination and Support Actions. Deadline 27/08/15.

**Ethical Societal Dimension**

*BES-14-2014: Ethical Societal Dimension topic 1: Human factors in border control.* Research and Innovation Actions. Deadline 28/08/14.

**Call – Digital Security: Cybersecurity, Privacy and Trust (H2020-DS-2014/15)**

*DS-1-2014: Privacy*. Data protection and privacy frameworks, principles, information to individuals about their personal data. Mass data handling. Innovation Actions. Deadline 13/05/14.

*DS-4-2015: Secure Information Sharing*. Development and implementation of a multi-layer security network for secure sharing of sensitive information between parties (market operators, national authorities, etc). Faster response to incidents and/or vulnerability through faster sharing of information. Innovation Actions. Deadline 21/04/15.

*DS-5-2015: Trust eServices*. Creation of validation platforms. Innovation Actions. Deadline 21/04/15.

*DS-6-2014: Risk management and assurance models.* Pilot to demonstrate the viability and scalability of state-of-the-art risk management frameworks. Innovation Actions. Deadline 13/05/14.