

## HORIZON 2020, SC 1 "Health demographic change and well being" - Topics in 2015



### Call for personalising health and care

#### Understanding health, ageing and disease

PHC 2 - 2015) Understanding diseases, systems medicine

R&I Actions

PHC 3 - 2015) Understanding common mechanisms of diseases and their relevance in co-morbidities

R&I Actions

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

PHC 4 - 2015) Health promotion and disease prevention: improved inter-sector co-operation for environment and health based interventions

R&I Actions

PHC 9 - 2015) Vaccine development for poverty-related and neglected infectious diseases – HIV/AIDS

R&I Actions

#### Improving diagnosis

PHC 11 - 2015) Development of new diagnostic tools and technologies: in vivo medical imaging technologies

R&I Actions

#### Innovative treatments and technologies

PHC 14 - 2015) New therapies for rare diseases

R&I Actions

PHC 15 – 2014/15) Clinical research on regenerative medicine

R&I Actions

PHC 16 – 2015) Tools and technologies for advanced therapies

R&I Actions

PHC 18 – 2015) Establishing effectiveness of health care interventions in the paediatric population

R&I Actions

#### Advancing active and healthy ageing

PHC 20 – 2015) Advancing active and healthy ageing with ICT: ICT solutions for independent living with cognitive impairment

R&I Actions

PHC 21 – 2015) Advancing active and healthy ageing with ICT: Early risk detection and intervention

R&I Actions

PHC 22 – 2015) Promoting mental wellbeing in the ageing population

R&I Actions

#### Integrated, sustainable, citizen-centred care

PHC 24 - 2015) Piloting personalised medicine in health and care systems

R&I Actions

PHC 25 - 2015) Advanced ICT systems and services for Integrated Care

R&I Actions

PHC 27 – 2015) Self-management of health and disease and patient empowerment supported by ICT

PCP\*

PHC 28 - 2015) Self-management of health and disease & decision support systems based on predictive computer modelling used by the patient

R&I Actions

PHC 29 - 2015) Public procurement of innovative eHealth services

PPI\*\*

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

PHC 30 – 2015) Digital representation of health data to improve disease diagnosis and treatment

R&I Actions

PHC 33 – 2015) New approaches to improve predictive human safety testing

R&I Actions

### Call – Co-ordination activities

HCO 6 – 2015) Global Alliance for Chronic Diseases: 2015 priority

R&I Actions

HCO 11 – 2015) ERA-NET: Collaboration and alignment of national progr. in the area of brain-related diseases and disorders of the nervous system

ERA Net

HCO 12 – 2015) ERA-NET: Antimicrobial Resistance

ERA Net

HCO 13 – 2015) ERA-NET: Cardiovascular disease

ERA Net

#### Other actions

HOA 1 – 2014/2015) Subscription fee: Human Frontier Science Programme Organisation

Suscription

HOA 2 – 2014/2015) Tenders for programme evaluation, studies and impact assessment and for conferences, events and outreach activities

PPI\*\*

HOA 3 – 2014/2015) Presidency events - eHealth

Grant\*\*\*

HOA 4 – 2014/15) Independent experts assisting in proposal evaluations and project reviews

Expert contracts

HOA 7 – 2015) eHealth Sectoral Inducement Prize

Prize

HOA 8 – 2015) Inducement prize

Prize

## HORIZON 2020, SC 2 "Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy" - Topics in 2015



Call for Sustainable Food Security	Instrument
<b>Sustainable food production systems</b>	
SFS-1-2014/2015: Sustainable terrestrial livestock production	R&I Action
SFS-2-2014/2015: Sustainable crop production	R&I Action
SFS-5-2015: Strategies for crop productivity, stability and quality	R&I Action
SFS-7-2014/2015: Genetic resources and agricultural diversity for food security, productivity and resilience	R&I Action
SFS-8-2014/2015: Resource-efficient eco-innovative food production and processing	SME Instrument
SFS-10-2014/2015: Tackling disease related challenges and threats faced by European farmed aquatic animals	R&I Action
SFS-11-2014/2015: Implementation of an Ecosystem-based approach for European aquaculture	R&I Action
<b>Safe food and healthy diets and sustainable consumption</b>	
SFS-13-2015: Biological contamination of crops and the food chain	R&I Action
SFS-14-2014/2015: Authentication of food products	R&I Action + CSA
SFS-16-2015: Tackling malnutrition in the elderly	R&I Action
<b>Global drivers of food security</b>	
SFS-18-2015: Small farms but global markets: the role of small and family farms in food and nutrition security	R&I Action
SFS-20-2015: Sustainable food chains through public policies: the cases of the EU quality policy & public sector food procurement	R&I Action
<b>Call for Blue Growth: Unlocking the potential of Seas and Oceans</b>	
<b>Sustainably exploiting the diversity of marine life</b>	
BG-1-2015: Improving the preservation and sustainable exploitation of Atlantic marine ecosystems	R&I Action
BG-2-2015: Forecasting and anticipating effects of climate change on fisheries and aquaculture	R&I Action
<b>New offshore challenges</b>	
BG-7-2015: Response capacities to oil spills and marine pollutions	R&I Action
<b>Ocean observation technologies/systems</b>	
<b>Call for an Innovative, Sustainable and Inclusive Bioeconomy</b>	
<b>Sustainable Agriculture and Forestry</b>	
ISIB-2-2014/2015: Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange	CSA
ISIB-3-2015: Unlocking the growth potential of rural areas through enhanced governance and social innovation	R&I Action
ISIB-4-2014/2015: Improved data and management models for sustainable forestry	R&I Action
<b>Sustainable and competitive bio-based industries</b>	
ISIB-6-2015: Converting CO2 into chemicals	R&I Action
<b>Cross-cutting actions covering all activities</b>	
ISIB-12-2014/2015: Public-Public Partnerships in the bioeconomy	ERA Net

## HORIZON 2020, LEIT - Leadership in enabling and industrial technologies

### Topics in 2015



#### LEIT: Call for Biotechnologies

Instrument

##### Cutting-edge biotechnologies as future innovation drivers

BIOTEC 2-2015: New bioinformatics approaches in service of biotechnology

R & I Action

##### Cutting-edge biotechnologies as future innovation drivers

BIOTEC 4-2015: Downstream processes unlocking biotechnological transformations

I Action

BIOTEC 5-2014/2015: SME-boosting biotechnology-based industrial processes driving competitiveness and sustainability

SME Instrument

##### Innovative and competitive platform technologies

BIOTEC 6-2015: Metagenomics as innovation driver

R & I Action

SFS-14-2014/2015: Authentication of food products

R&I Action + CSA

SFS-16-2015: Tackling malnutrition in the elderly

R&I Action

#### Legende

R&I Action: Research and Innovation Action

I Action: Innovation Action

CSA: Coordination and Support Action

SME: SME Instrument