



## Socio-economic Sciences & Humanities – Opportunities in Horizon 2020

Conference “Achieving Impact”, Athens, 27.02.2014

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# Content

- Overall context for Socio-economic Sciences and Humanities (SSH) in Horizon 2020
- Analysis of the Specific Programme – what are SSH-relevant themes?
- SSH in the first Work Programmes for 2014/15
- Further information



# Background – „embedding SSH“

- Horizon 2020: aims to integrate SSH in all parts of the programme

*„Social sciences and humanities research will be fully integrated into each of the general objectives of Horizon 2020“ (Horizon 2020 regulation)*

- Structured along Societal Challenges, instead of disciplinary programmes



# How will it be implemented?

- Inclusion of SSH experts in advisory groups, evaluation panels
- Implementation of a monitoring system for SSH embedding
- Cooperation between different units/DGs to ensure that SSH is integrated in all Work Programmes
- SSH relevant topics are flagged – and can be identified via the search engine of the participant portal
- Geoghegan-Quinn: “learning process”



# SSH funding opportunities in Horizon 2020

**Excellent Science:** ERC - dedicated SSH budget (17%), Marie Skłodowska-Curie actions (around 11-12% for SSH), Research Infrastructures

**Industrial Leadership** – Leadership in enabling and industrial technologies (LEIT)

**Societal Challenges** – Opportunities in all challenges

**Science with and for society**

*SSH-dedicated – topics aimed at SSH community*

*SSH-relevant – topics requiring important SSH contributions*



### III. Societal Challenges

Health...

Food security...

Energy

Transport

Climate action...

Societies

Security

## SSH aspects include...

- Behavioural aspects
- Consumption and lifestyles
- Management, governance
- Public awareness & acceptance
- Policy support / assessment
- Social innovation
- Markets, business development
- Economic systems and instruments



## Health...

Disease prevention, indicators for wellbeing, support to policymaking, improving health care systems, health inequalities, demographic change...

## Food security...

Sustainable production and consumption, forward looking activities, impact assessment, organisational/economic/social innovation...

## Energy

Understanding interactions between social, economic and environmental systems, tools for effective decision-making, forward looking activities, public acceptance and user involvement...



## Transport

forward looking activities, policy analysis and development, social inclusion, user behaviour, access to mobility (& inequalities), transport management, economic aspects...

## Climate action...

Understanding interactions between social, economic and environmental systems, vulnerabilities and resilience of societies, fostering eco-innovation (incl. social innovation), transition to a green economy and society, sustainable lifestyles,...

## Security

Terrorism, crisis management, societal resilience, socio-economic and cultural dimensions of security, communication, perception, legal & ethical aspects, trade issues, EU external security policy, conflict management & peace building...





# SSH aspects in LEIT

*Background:* competitiveness as overall goal, mainly technological approach, SSH is not everywhere

SSH aspects include mainly:

- User behaviour and acceptance
- Management and governance issues
- Risk assessment and management
- Development of business models

But also: Strengthening cultural and social aspects of innovations;  
SSH as a source of creativity for developing new products /services

**LEIT**  
Leadership in enabling and industrial technologies

ICT, Nanotechnologies, Materials, Biotechnology, Manufacturing, Space



## ICT

Human-technology-interaction, user perspectives, data protection

## Nanotechnologies

## Biotechnology

Societal needs, user acceptance, risk assessment, governance

## Advanced Materials

Development of new business models, responsible consumer behaviour

## Manufacturing

New, sustainable business models

## Space

?



# SSH aspects:

Science with and  
for society

- Responsible research and innovation
- Integrating society in science and innovation
- Making science education and careers attractive
- Promoting gender equality in research and innovation
- Improve knowledge on science communication



# SSH in the 2014/15 Work Programmes

- EC analysis: 37% of the topics are flagged as SSH relevant (incl. Societal Challenge 6)
- Societal Challenges range: 48% in „Climate action“, 34% in „Security“ (SC6: 80%)
- Industrial Leadership: 21% of ICT topics are SSH relevant (while less than 10% in NMP)



# Topic example 1: Energy

## EE 12 – 2014 “Socioeconomic Research on Energy Efficiency”

Includes...

- **Foresight socio-economic activities** informing the debate on the development and monitoring of energy efficiency strategies
- ...the evolution of **social, economic, cultural and educational barriers...**
- ...**major trends in society** and their implications...
- ... **consumer behaviour** (e.g. rebound effect) and the impact of **institutional factors...**
- ...take **gender issues** into account as well as existing **macroeconomic and microeconomic models** and results of **socio-economic sciences and humanities.**



# Topic Example 2: Transport

**MG.9.2-2014 “User behaviour and mobility patterns in the context of major societal trends”** includes...

- ...factors that influence **user behaviour** in relation to the use of private and public transport ...the characteristics and **specific needs of the various user groups** (elderly, young, single parents, women, employed and unemployed, immigrants, etc.)..
- **evolving mobility patterns**... impacts on the requirements of the current and future European transport system
- ...possible ways to **cater for future mobility needs** through the provision of new or adapted transport products and services...**implications for the various user groups** and on staff requirements and working conditions



# Topic Example 3: ICT

## ICT 31 -2014 “Human-centric Digital Age”

Includes...

- ...development of fundamental notions such as **identity, privacy, relationship, culture and art, reputation, motivation, responsibility, attention, safety, and fairness** in the hyper-connected age.
- How [to]...**cope with information overload**...?
- How does the blurring between online world and off-line world **affect life**?
- What should be the **norms and behaviours** for a hyper-connected digital world?...



# How to find your funding opportunity?

NET4SOCIETY document

„Opportunities for Researchers from the  
Socio-economic Sciences and Humanities  
(SSH)“

→ funding opportunities for SSH in various  
research areas within Work Programmes  
2014/15.

<http://www.net4society.eu/public/ssh-opportunities.php>







# RESEARCH & INNOVATION

## Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME **FUNDING OPPORTUNITIES** HOW TO PARTICIPATE EXPERTS SUPPORT LOGIN REGISTER

Horizon 2020

Calls

**Search Topics**

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Calls

Call Updates

COSME

Other Funding Opportunities

0 Results

Keyword Search:  SEARCH

If you don't find your topic, you can also use the [free text search](#).

Status

- Open
- Closed
- Forthcoming

Sort by

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- Publication Date
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In addition, [see all the open calls](#) of Marie Skłodowska-Curie actions (MSCA) and European Research Council (ERC) grants for individual researchers of any nationality and research teams. The MSCA grants include opportunities for companies and SMEs. **The MSCA and ERC grants are not restricted to specific topics.**

Quick finder for topics linked to H2020 cross-cutting priorities:

[Cross-cutting Key-Enabling Technologies \(KETs\)](#)  
[ERA-NET](#)  
[Gender](#)  
[Contractual Public-Private Partnerships \(cPPPs\)](#)

[International cooperation](#)  
[SME Instrument](#)  
**[Socio-economic sciences and humanities](#)**



# Thank you!

## Further questions?

### Contact your National Contact Point!

[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)

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