Opportunità di finanziamento per le Scienze socio-economiche umanistiche in Horizon 2020

Margot Bezzi

L'Agenzia per la Promozione della Ricerca Europea

APRE
Agenzia per la Promozione
della Ricerca Europea

MISSION

SERVICES

- Promoting and supporting Italian participation to the EU Research and Innovation programmes (R&I)

- Improve the "Quality" of the Italian participation in European programmes for R&I.

Italian **non-profit research organisation (PRIVATE)**

1989 - **created** as a **"Task Force"** of the Ministry of Education, University and Research

Information and Awareness

Advising and Assisting

Service

Training

Signposting

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RINA

Associate member (+120)

Public bodies, industrial associations, chambers of commerce, Scientifica parks, Public and private universities and research centers

Regional helpdesk

strengthen the cooperation at local level and provide tailored services responding to local needs (+ regional funds and programmes)

Abruzzo

Basilicata

Calabria

Campania

Emilia Romagna

Friuli Venezia Giulia (Trieste)

Friuli Venezia Giulia (Udine)

Liguria

Lombardia

Marche

Molise

Piemonte

Puglia

Sardegna

Sicilia

Sportello dello stretto (R.Calabria - Messina)

Toscana

Umbria

Veneto

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Bandi aperti 2016/2017 | Programmi di lavoro 2016/2017 | Contatti NCP | PMI in Europa |

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Horizon 2020

Formazione

Eventi

Enterprise Europe Network

Cooperazione Internazionale

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Horizon 2020

Giornate Nazionali
di lancio dei bandi
Work Programme 18-20

save the date

Commissione
Europea

APRE
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Progettare insieme in Horizon 2020:

SSH Scienze Socio-economiche e Umanistiche
STEM Scienza, Tecnologia, Ingegneria e Matematica

24 - 25 OTTOBRE 2017

Catania

Progettare insieme in Horizon 2020:
Scienze Socio-Economiche e
Umanistiche (SSH) e Scienze,
Tecnologia, Ingegneria e Matematica
(STEM)
Progetti multidisciplinari: la chiave per vincere

< 1 2 3 4 5 6 7 8 9 10 11 12 > >> tutti gli eventi

NOTIZIE

26/07/2016 8.5 MILIARDI IN
RICERCA ED INNOVAZIONE
NEL 2017

Il 25 luglio la Commissione ha pubblicato la
versione definitiva del secondo anno del
Work Programme 2016-2017 di
Horizon2020, prevedendo l'investimento di
8.5 miliardi di euro in ricerca ed innovazione

Login

Registrati al database APRE per essere
sempre aggiornato sulle opportunità di
finanziamento alla ricerca della CE.

→ Effettua il login

Pubblicazione APREdati
"Una panoramica sulla partecipazione
italiana a Horizon 2020"

APRE Magazine

E' online il nuovo numero di
APREmagazine
Giugno 2017

Valuta i servizi APRE

Questionario online per la valutazione dei
servizi APRE da parte degli utenti

www.apre.it

Participation in H2020

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7PQ

2007/13

Programme dedicated to SSH

No reference to disciplines working together in the evaluation criteria

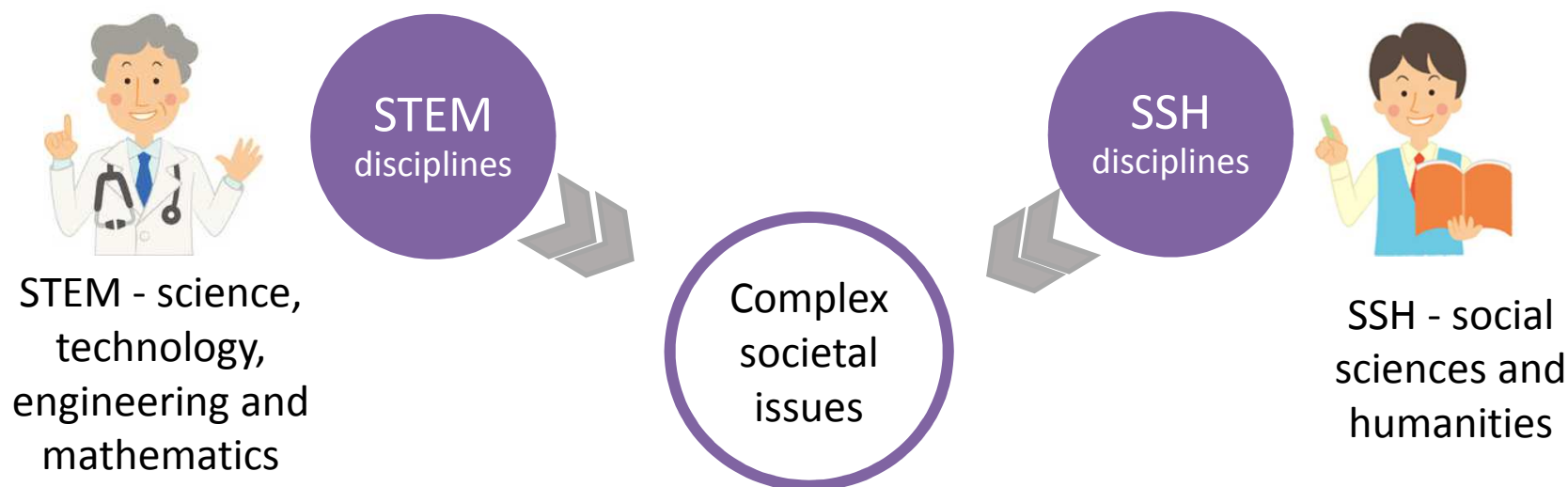**H2020**

2014/20

SSH is a cross-cutting issue

Trans-disciplinarity is part of the evaluation criteria

"Social sciences and humanities research will be fully integrated into each of the priorities of Horizon 2020 and each of its specific objectives (...) so that the SSH can make a contribution wherever they are needed."

Horizon 2020 Framework Regulation

Why are the SSH disciplines integrated?

STEM disciplines

SSH disciplines

STEM - science, technology, engineering and mathematics

Complex societal issues

SSH - social sciences and humanities

- Solutions and products that are socially acceptable, directly applicable or marketable

- Support evidence-based policymaking

- Investigating complexity and develop deep context understanding in matter of complex issues.

- Develop key competences

Challenges: change of mindset and approach

SSH aspects include...

Human behaviour and choices, lifestyles and well-being

Historical considerations

Legal, institutional and political frameworks

Cultural and anthropological aspects

Human geography and demographic trends

Economic analysis and business models

Variations across social groups
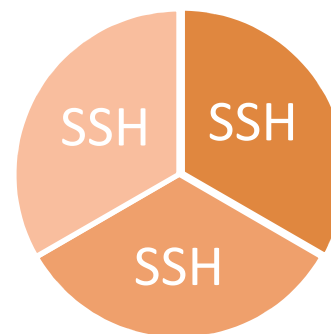
Social innovation
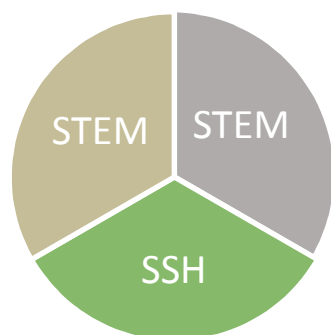
Topics with an SSH component

o   Multidisciplinary topics where finding a solution requires knowledge and input from both **SSH** and **STEM**

o   Consortia submitting proposals will need to include both STEM and SSH partners

Topics dedicated to SSH

o   Finding a solution relies on knowledge and input from SSH researchers and practitioners

o   Consortia submitting proposals will mainly consist of partners from various **SSH** disciplines

Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **Future and Emerging Technologies**
  - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
  - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
  - Ensuring access to world-class facilities

Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
  - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
  - Fostering all forms of innovation in all types of SMEs

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
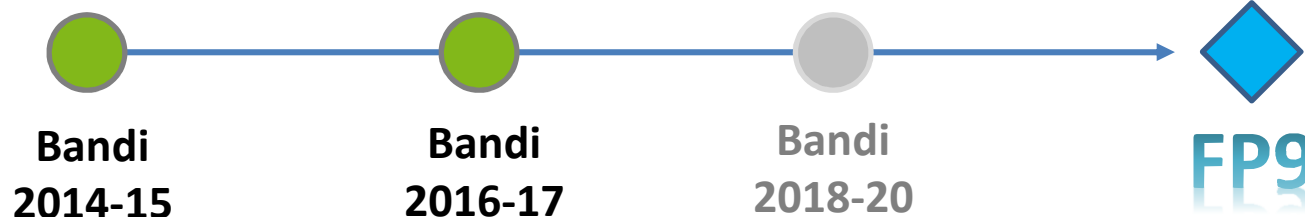- Inclusive, innovative and reflective societies
- Security society

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Societal Challenge 6

2018-2020

Objectives of the SC6 Work Programme

*"To **foster a greater understanding of Europe, provide solutions and support inclusive, innovative and reflective European societies** in a context of unprecedented transformations and growing global interdependencies"*

Horizon 2020 Regulation

Bandi 2014-15 ● ⟶ **Bandi 2016-17** ● ⟶ **Bandi 2018-20** ● ⟶ ◆ **FP9**

Structure of Societal Challenge 6

Inclusive Societies

- Building resilience after the crisis; reversing inequalities; integrating the young generation.
- Sustainable and inclusive environments through innovative spatial and urban planning

Innovative societies

- New forms of innovation, incl. social innovation, creativity and co-creation
- New and untapped forms of growth, beyond GDP
- Strengthening the evidence-base and support for the IU and ERA

Reflective societies

- European heritage (memory and identity creation; cultural heritage)
- European countries' and regions' history
- Europe's role as a global actor; Cooperation and intercultural relations with third countries

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RINA

Bandi
2014-15

Bandi
2016-17

**Bandi
2018-20**

FP9
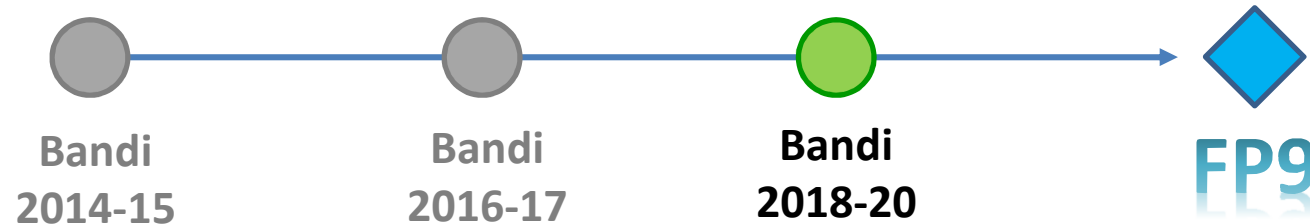
Structure of Societal Challenge 6

Linee di ricerca 2018-20

Migration

Socio-Economic and Cultural transformations in the context of the Fourth Industrial Revolution

Governance for the future

Migration

WORDS

- Migration **governance** and **response** capacity: designing **future** strategies; **comparative** studies.

- **Understanding** human mobility **patterns**: root causes, development, geopolitical projections

- **Understanding** the **impact** on EU societies: labour market, culture, and role of local/urban communities

- **Integrating** migrants: shaping past and present **narratives**; **ICT** solutions for inclusion; addressing challenges for migrant **children**

Migration

TOPIC

1. Understanding migration mobility patterns: elaborating mid and long-term migration scenarios (RIA)
2. Towards forward looking migration governance: addressing the challenges, assessing capacities and designing future strategies (RIA)
3. Mapping and synthesising knowledge on the complex relationship between the governance of legal migration and the existence and growth of irregular migration flows
4. Social and economic effects of migration in Europe and integration policies (RIA)
5. Mapping and overcoming integration challenges for migrant children (RIA)
6. Addressing the challenge of migrant integration through ICT-enabled solutions
7. International protection of refugees in a comparative perspective (RIA)
8. Addressing the challenge of forced displacement (RIA)

WORDS

- Socio-economic effects of **technological transformations**; new forms of **human-technology interaction**;

- The future of **labour** market, competitiveness and **welfare**

- Innovative **public services**; innovative urban environments; **city-platform** and **citizen-driven innovation**; **social innovation**

- Understanding economic **growth** and **productivity** in a context of transformations

- **Creative** industries, the **art** and **cultural** policies

- **Cultural heritage**: protection of cultural heritage; digitisation; impact on social cohesion (EU values and symbols)

Socio-Economic and Cultural transformations in the context of the Fourth Industrial Revolution

1. Research for inclusive growth: addressing the socioeconomic effects of technological transformations (RIA)
2. Transformative impact of disruptive technologies in public services (RIA)
3. Innovative solutions for inclusive and sustainable urban environments (RIA/CSA)
4. Innovative approaches to urban and regional development through cultural tourism (RIA/IA)
5. Cities as a platform for citizen-driven innovation (CSA)
6. Inclusive and sustainable growth through cultural and creative industries and the arts (RIA)
7. The impact of technological transformations on children and youth (RIA/CSA)
8. The societal value of culture and the impact of cultural policies in Europe (RIA)
9. Social platform on endangered cultural heritage and on illicit trafficking of cultural goods (CSA)
10. Collaborative approaches to cultural heritage for social cohesion (RIA)
11. Curation of digital assets and advanced digitisation (IA/RIA)
12. Using big data approaches in research and innovation policy making
13. Supply and demand-oriented economic policies to boost robust growth in Europe – Addressing the social and economic challenges in Europe

Governance for the future

- **Evolution** of **public governance**: differences in European governance; scenarios of global governance;

- **Trust** in governance; raise of **populism**; extreme **ideologies** and **polarisation**; violent **extremism** in MENA regions and Balkans.

- Social rights, democracy, citizenship

- **Digital transformation** of governance and **public services**: new forms of delivering public goods; cloud infrastructure for PA.

- **Digitalisation** and European **culture**: IPR, copyrights and challenges for creativity

Governance for the future

1. Trust in governance (RIA)
2. Past, present and future of differentiation in European governance (RIA/CSA)
3. Addressing populism and boosting civic and democratic engagement (RIA)
4. Enhancing social rights and EU citizenship (RIA)
5. New forms of delivering public goods and inclusive public services (RIA/CSA)
6. Trends and forward-looking scenarios in global governance (RIA)
7. The Common Foreign and Security Policy and the expanding scope of the EU's external engagement (RIA)
8. Partnering for viability assessments of innovative solutions for market outside Europe
9. Drivers and contexts of violent extremism in the broader MENA region and the Balkans (RIA)
10. Extreme ideologies and polarisation (CSA)
11. Pilot on using the European cloud infrastructure for public administrations (IA)
12. Digitisation, Digital Single Market and European culture: new challenges for creativity, IPR and copyright (RIA)
13. ERA-Net CO-FUND - Renegotiating democratic governance in a time of disruptions
14. Taking lessons from the practices of interdisciplinarity in Europe

«Focus areas» presenti in SC6

Digitising and transforming European industry and services (DT):

- Integrazione degli immigrati tramite soluzioni ICT
- Impatto delle nuove tecnologie sulla PA
- Impatto trasformazioni tecnologiche sui giovani
- Approcci collaborativi al patrimonio culturale per favorire coesione sociale
- Cura degli asset digitali e digitalizzazione
- Nuovi modi di fornire servizi pubblici e di renderli più inclusivi
- Digitalizzazione e cultura

Boosting the effectiveness of the Security Union (SU):

- Patrimonio culturale a rischio e traffici illegali
- Estremismi e radicalismi ai confini
- Politica di sicurezza europea e ampliamento dell'Unione
- Ideologie e polarizzazione

Tempi di pubblicazione e le scadenze

Call	2018		2019		2020
	Opening	Deadline	Opening	Deadline	
1 MIGRATION	**7 Nov 2017**	**13 Mar 2018**	**6 Nov 2018**	**14 Mar 2019**	*To be defined*
2 TRANSFORMATIONs - SOCIOECONOMIC AND CULTURAL TRANSFORMATIONS IN THE CONTEXT OF THE FOURTH INDUSTRIAL REVOLUTION	**7 Nov 2017**	**13 Mar 2018**	**6 Nov 2018**	**14 Mar 2019**	
3 GOVERNANCE - GOVERNANCE FOR THE FUTURE	**7 Nov 2017**	**13 Mar 2018**	**6 Nov 2018**	**14 Mar 2019**	

Distribuzione budget 2018-2020 (M€)
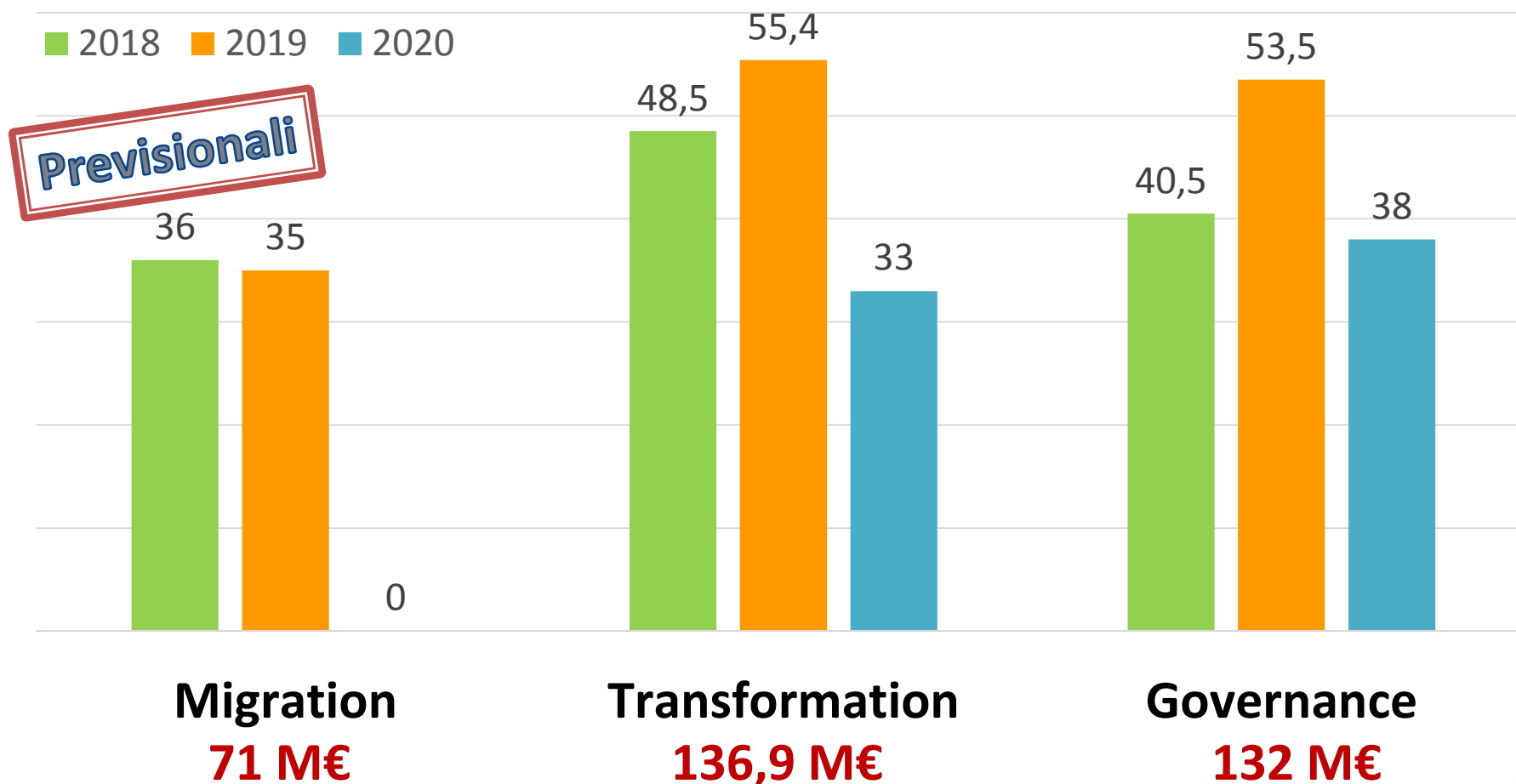
Programma di lavoro

EN

Annex 16

Horizon 2020

Work Programme 2018-2020

Draft

13. Europe in a changing world – Inclusive, innovative and reflective societies

https://ec.europa.eu/programmes/horizon2020/en/what-work-programme

SSH in tutto Horizon 2020

Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **Future and Emerging Technologies**
  - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
  - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
  - Ensuring access to world-class facilities

Industrial Technologies

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
  - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
  - Fostering all forms of innovation in all types of SMEs

Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Security society

SSH integration – Monitoring Report 2015

Integration of social sciences and humanities in Horizon 2020
Participants, budget and disciplines:

2nd monitoring report on SSH-flagged projects funded in 2015 under the societal challenges and industrial leadership priorities - Study

https://publications.europa.eu/en/publication-detail/-/publication/acac40f5-e84b-11e6-ad7c-01aa75ed71a1

INTEGRATION OF SOCIAL SCIENCES AND HUMANITIES IN HORIZON 2020: PARTICIPANTS, BUDGET AND DISCIPLINES

2nd Monitoring report on SSH-flagged projects funded in 2015 under the Societal Challenges and Industrial Leadership priorities

Research and Innovation

Monitoring Report - results of the new policy

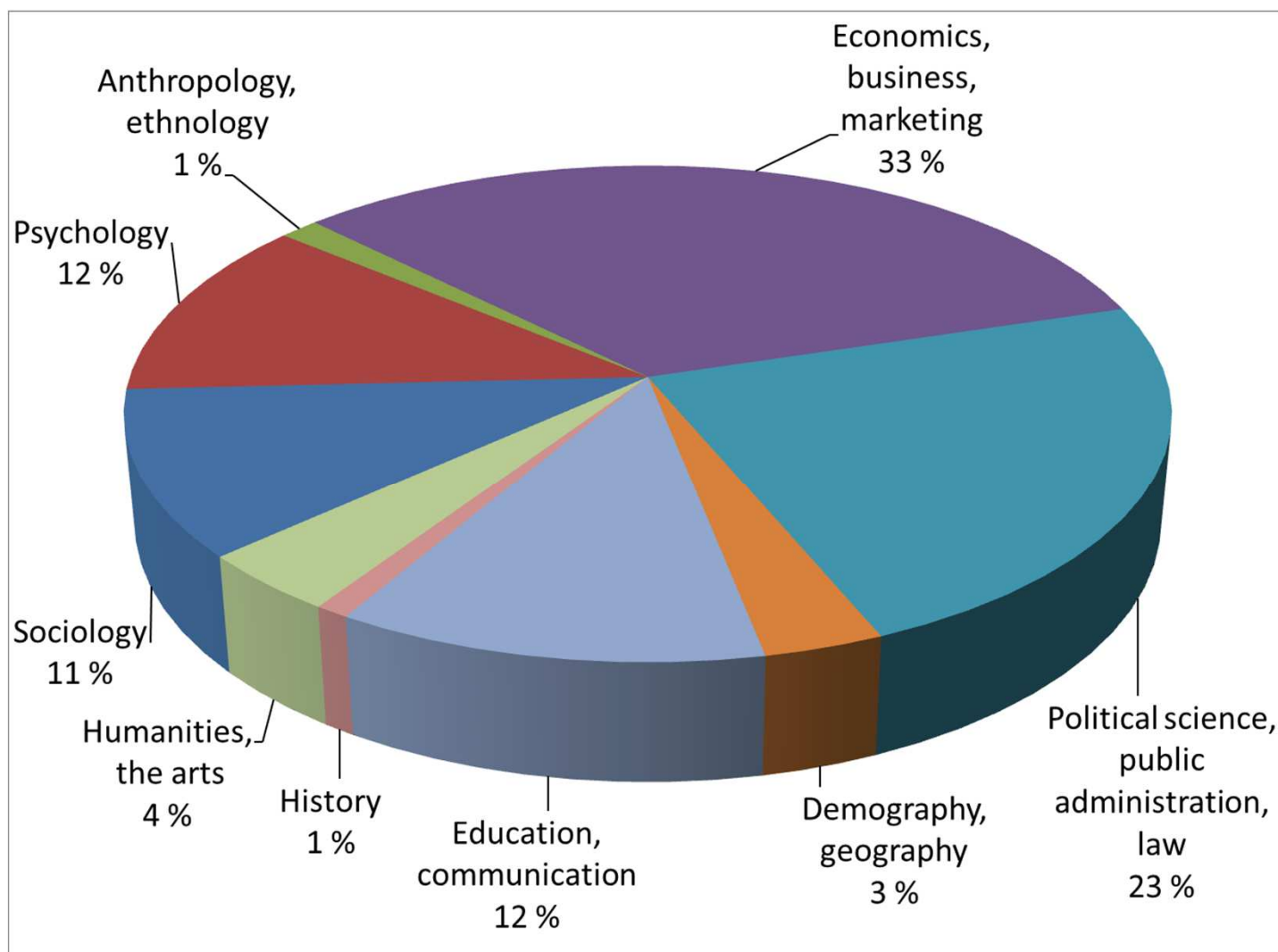MONITORING REPORT 2015
SOCIAL SCIENCES AND HUMANITIES (SSH)

- **2015**: **197 million** - out of a total of 888 million flagged for SSH in calls of the 7 societal challenges and LEIT - **have been awarded to SSH partners**

- **2014**: **236 million** - out of a total 1,1 billion flagged for SSH in calls of the 7 societal challenges and LEIT.

- **In WP 2016-17**, **41%** **of call topics are flagged for SSH** (compared to 37% in 2014-15) The **quality of integrating the SSH** in WP 2016-17 has been **further improved** (e.g. improved topic descriptions with appropriate SSH wording, improved variety of SSH disciplines)

2014 Topic: share of SSH disciplines

- Economics, business, marketing 33 %
- Anthropology, ethnology 1 %
- Psychology 12 %
- Sociology 11 %
- Humanities, the arts 4 %
- History 1 %
- Education, communication 12 %
- Demography, geography 3 %
- Political science, public administration, law 23 %

2015 funded projects. Percentage of SSH expertise in partnership
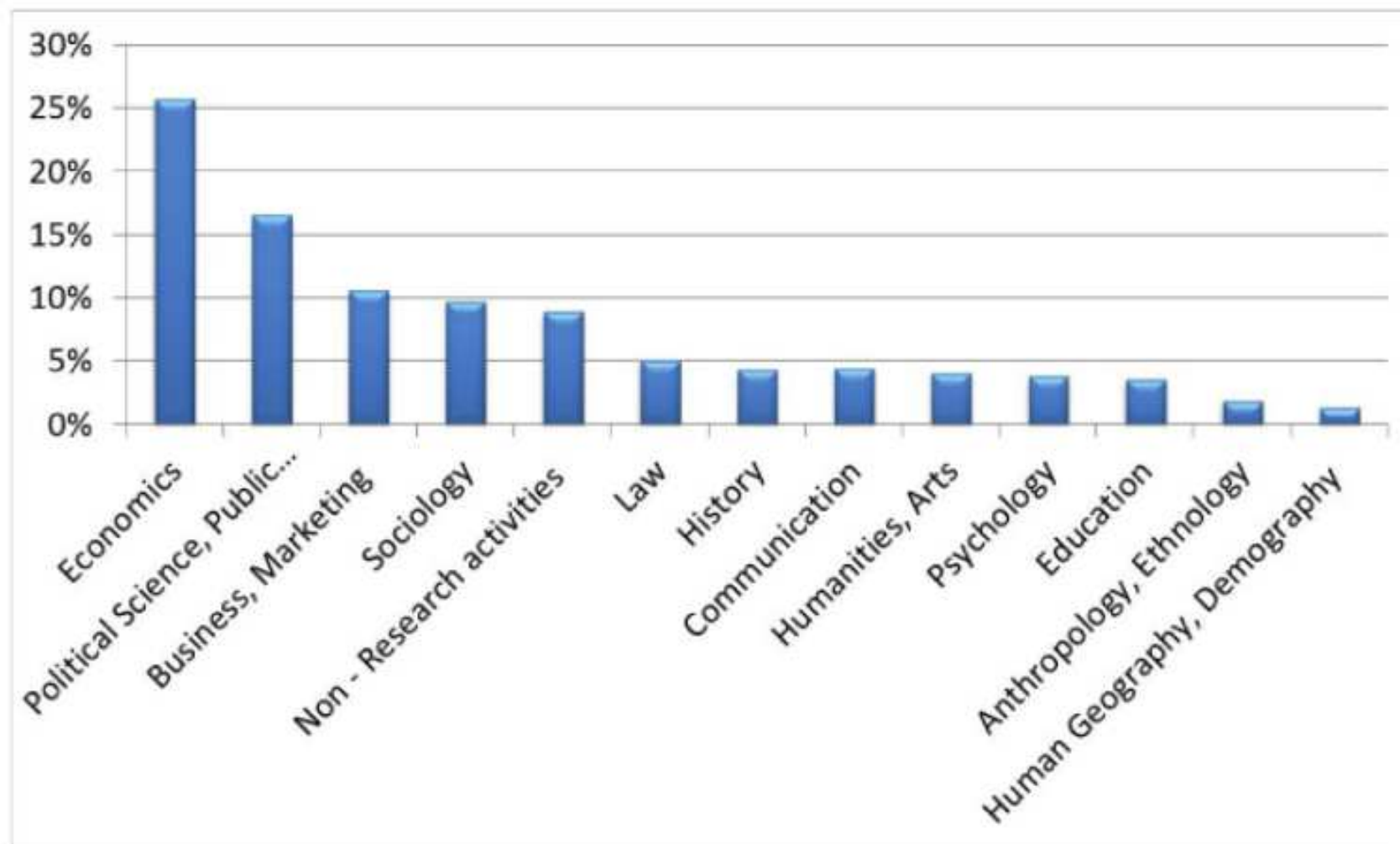
Theme (2016-2017)	Total number of topics	SSH-flagged topics	Share of SSH-flagged topics
SC1 HEALTH	37	18	49%
SC2 FOOD	83	43	52%
SC3 ENERGY	61	13	21%
SC4 TRANSPORT	55	24	44%
SC5 ENVIRONMENT	29	12	41%
SC6 INCLUSIVE SOCIETY	39	37	95%
SC7 SECURITY	29	14	48%
LEIT ICT	47	10	21%
LEIT NMP	53	11	21%
LEIT SPACE	21	1	5%
Innovation in SMEs	23	1	4%
Research Infrastructures	15	7	47%
Widening	5	0	0%
SWAFS	25	21	84%
Cross-cutting issues	42	7	17%
Total	564	219	39%
Total excluding SC6	525	182	35%

Prima ricognizione 2018-2019 (non definitiva, non esaustiva)

Theme	SSH-flagged topics
SC1 HEALTH	25
SC2 FOOD	36
SC3 ENERGY	26
SC4 TRANSPORT	19
SC5 ENVIRONMENT	17
SC6 INCLUSIVE SOCIETY	35
SC7 SECURITY	1
LEIT ICT	12

Total	**159**
Total excluding SC6	**124**

26/01/2017

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Margot Bezzi

**Societal Challenge 6 Team
"Europe in a changing world – Inclusive,
Innovative and Reflective society"**

**APRE expert in SC6 and in (Digital) Social
Innovation**

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The background of Horizon 2020-Societal Challenge 6 Work Programme 2018-2020

Vania Virgili, Ph.D.
National representative in the Societal Challenge 6 of Horizon 2020
Istituto Nazionale di Fisica Nucleare
Ministero dei Beni e delle Attività Culturali e del Turismo

Social Sciences and Humanities for a changing Europe.
SSH projects and networks at the University of Bologna
16-17 November 2017, University of Bologna

Europe in a changing world – Inclusive, innovative and reflective societies

EURO-2014/2015

YOUNG-2014/2015

REFLECTIVE-2014/2015

INT-2014/2015

INSO-2014/2015

CO-CREATION-2016/2017

REV-INEQUAL-2016/2017:

ENG-GLOBALLY-2016/2017

CULT-COOP-2016/2017

Budget: € 1,309 billion
1,5% di Horizon 2020
4% of Societal Challenges

The process towards the 2018-2020 SC6 Work Programme

1. Recommendations of the expert advisory group (May 2016)
2. External advice and societal engagement report (September 2015 and May 2016)
3. Scoping paper (Autumn 2016)
4. Orientation Paper (January 2017)

   Italian stakeholders' consultation on SC6 2018-2020 WP (January 2017)

5. Four rounds of consultations among MSs and the EC, including internal EC DGs consultations

Net4Society

EASSH-European Alliance for Social Sciences and Humanities

Main general issues

1. to concentrate resources around three 'big tickets' to ensure real impact at European level: migration, transformations and governance

2. Budget allocated for each project (2.5 to 3 Mln euro per project)

3. Two ERANETs: HERA and NORFACE.
GOVERNANCE-14-2018: ERA-Net Co-fund Renegotiating democratic governance in times of disruptions

4. "GOVERNANCE-15-2018: Taking lessons from the practices of interdisciplinarity in Europe"

Call MIGRATION

MIGRATION-01-2019: Understanding migration mobility patterns: elaborating mid and long-term migration scenarios

MIGRATION-02-2018: Towards forward-looking migration governance: addressing the challenges, assessing capacities and designing future strategies

MIGRATION-03-2019: Social and economic effects of migration in Europe and integration policies

MIGRATION-05-2018-2020: Mapping and overcoming integration challenges for migrant children

DT-MIGRATION-06-2018-2019: Addressing the challenge of migrant integration through ICT-enabled solutions

MIGRATION-07-2019: International protection of refugees in a comparative perspective

MIGRATION-08-2018: Addressing the challenge of forced displacement

The background of H2020-SC6 WP 2018-2020

V. Virgili. Bologna, 17 November 2017

Call SOCIO-ECONOMIC AND CULTURAL TRANSFORMATIONS IN THE CONTEXT OF THE FOURTH INDUSTRIAL REVOLUTION

TRANSFORMATIONS-01-2018: Research for inclusive growth: addressing the socioeconomic effects of technological transformations

DT-TRANSFORMATIONS-02-2018-2019-2020: Transformative impact of disruptive technologies in public services

TRANSFORMATIONS-03-2018-2019: Innovative solutions for inclusive and sustainable urban environments
TRANSFORMATIONS-04-2019-2020: Innovative approaches to urban and regional development through cultural tourism

TRANSFORMATIONS-05-2018: Cities as a platform for citizen-driven innovation

TRANSFORMATIONS-06-2018: Inclusive and sustainable growth through cultural and creative industries and the arts

DT-TRANSFORMATIONS-07-2019: The impact of technological transformations on children and youth TRANSFORMATIONS-08-2019: The societal value of culture and the impact of cultural policies in Europe SU-TRANSFORMATIONS-09-2018: Social platform on endangered cultural heritage and on illicit trafficking of cultural goods

DT-TRANSFORMATIONS-11-2019: Collaborative approaches to cultural heritage for social cohesion

DT-TRANSFORMATIONS-12-2018-2020: Curation of digital assets and advanced digitisation

TRANSFORMATIONS-13-2019: Using big data approaches in research and innovation policy making

TRANSFORMATIONS-14-2018: Supply and demand-oriented economic policies to boost robust growth in Europe – Addressing the social and economic challenges in Europe

Call GOVERNANCE FOR THE FUTURE

GOVERNANCE-01-2019: Trust in governance

GOVERNANCE-02-2018-2019: Past, present and future of differentiation in European governance GOVERNANCE-03-2018: Addressing populism and boosting civic and democratic engagement

GOVERNANCE-04-2019: Enhancing social rights and EU citizenship

DT-GOVERNANCE-05-2018-2019-2020: New forms of delivering public goods and inclusive public services

GOVERNANCE-06-2018: Trends and forward-looking scenarios in global governance

SU-GOVERNANCE-07-2020: The Common Foreign and Security Policy and the expanding scope of the EU's external engagement

GOVERNANCE-08-2018: Partnering for viability assessments of innovative solutions for markets outside Europe

SU-GOVERNANCE-09-2020: Addressing radicalisation through social inclusion

SU-GOVERNANCE-10-2019: Drivers and contexts of violent extremism in the broader MENA region and the Balkans

SU-GOVERNANCE-11-2018: Extreme ideologies and polarisation

DT-GOVERNANCE-12-2019-2020: Pilot on using the European cloud infrastructure for public administrations DT-GOVERNANCE-13-2019: Digitisation, Digital Single Market and European culture: new challenges for creativity, intellectual property rights and copyright

GOVERNANCE-14-2018: ERA-Net Co-fund - Renegotiating democratic governance in times of disruptions GOVERNANCE-15-2018: Taking lessons from the practices of interdisciplinarity in Europe

STRENGTHS

- Strong alignment to EU policies and political priorities in key areas such migration, social crises, ageing and the demographic transition
- Strong cooperation with other Directorate General and Services on these critical and evolving policy areas for rapid policy coordination
- Increasing involvement of all stakeholders including Civil Socity Organisations

CHALLENGES

- Anticipating in advance new challenges and problems in social, political and economic and cultural domains

- Devise new methods to measure social impacts that are becoming more complex and time consuming to measure

- Scope for integrating more participants from a wider European and international scientific audience

The background of H2020-SC6 WP 2018-2020

V. Virgili. Bologna, 17 November 2017

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Lamy Report

https://ec.europa.eu/research/evaluations/pdf/archive/other_reports_studies_and_documents/hlg_2017_report.pdf

The background of H2020-SC6 WP 2018-2020

V. Virgili. Bologna, 17 November 2017

1. Public consultation on the future framework programme launched by the Italian Ministry of Education, University and Research

2. "The dialogue between SSH-Social Sciences and Humanities and STEM-Science, Technology, Engineering, Mathematics" University of Catania, 24-27 October 2017, organised by APRE and University of Catania

3. "Towards the next Framework Programme on Research and Innovation". CNR (Roma), 12 December 2017, organised by APRE

4. "The impact of research infrastructures for social and cultural innovation". Bologna, January 2018

Article

Social and Cultural Innovation: Research Infrastructures Tackling Migration

Riccardo Pozzo
National Research Council, and Professor at the University of Verona, Italy

Vania Virgili
Advisor to the Minister for Cultural Heritage and Tourism of Italy; Senior Research Officer at the National Institute of Nuclear Physics, Italy

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http://journals.sagepub.com/eprint/hfSm7ERWZqU2qfEDxdc8/full

The background of H2020-SC6 WP 2018-2020

V. Virgili. Bologna, 17 November 2017

KEY EVENTS

2018 European Year of Cultural Heriatge

Opening up an ERA of Social Innovation". Lisbon, 27-28 November 2017

Joint RTD-EAC high level Conference on European Research for Cultural heritage
Brussels, 20 March 2018

Conference "Impact of SSH in Horizon 2020"
Under Austrian Presidency, second half of 2018

INFN
CHNet
Istituto Nazionale di Fisica Nucleare
Cultural Heritage Network

Thak you for attention!

Contact details

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vania.virgili@LNF.INFN.IT