



#InvestEUresearch



# Horizon 2020 Work Programme for Research & Innovation 2018-2020

Societal Challenge 6  
Europe in a changing world –  
Inclusive, innovative and  
reflective societies

Research and  
Innovation



# Horizon 2020

## Work Programme of 2019

### Societal Challenge 6

Europe in a Changing World:  
Inclusive, Innovative and  
Reflective Societies

# HORIZON 2020

## EXCELLENT SCIENCE

European Research Council (€13.1 b)

Future and Emergent Technologies (€2.7 b)

Marie Skłodowska-Curie Actions (€6.1 b)

Research Infrastructures (€2.5 b)

## INDUSTRIAL LEADERSHIP

Leadership in Enabling and Industrial Technologies (€13.5 b)

- ICT
- NMBP
- Space

Access to Risk Finance (€2.9 b)

Innovation in SMEs (€0.6 b)

## SOCIETAL CHALLENGES

Health, demographic change and wellbeing (€7.5 b)

Food security, agriculture (...) and bioeconomy (€3.9 b)

Secure, clean and efficient energy (€6.8 b)

Smart, green and integrated transport (€6.3 b)

Climate action (...) and raw materials (€3.1 b)

Inclusive, innovative & reflective societies (€1.3 b)

Secure societies (€1.7 b)

**Spreading Excellence and Widening Participation (€0.8 b)**

**Science with and for Society (€0.5 b)**

**EIT (€2.7 b)**

**JRC (€1.9 b)**

**EURATOM (€1.6 b)**

## Societal Challenge 6 – Europe in a Changing World: Inclusive, Innovative and Reflective Societies

"The specific objective of the societal challenge 'Europe in a changing world - Inclusive, innovative and reflective societies' will **support social sciences and humanities research...**" [which] "is needed to **understand identity and belonging** across communities, regions and nations. Research will support policymakers in designing policies that **foster employment, combat poverty and prevent the development of various forms of divisions, conflict and political and social exclusion, discrimination and inequalities,** such as gender and intergenerational inequalities, discrimination due to disability or ethnic origin, or digital or innovation divides, **in European societies and in other regions of the world...**"

(Extracts from the Regulation establishing Horizon 2020)

# Societal challenge 6

## Budget

- 2014-2015: 310 mio €
- 2016-2017: 331 mio €
- 2018-2020: 557 mio € (under consideration)

## Structure

- Calls for proposals with related topics
- Other actions – procurement, prizes, presidency conferences, etc.

## Types of funding schemes / actions

- RIA, IA, CSA, ERANET Co-Fund



## SC6 2018 - 2020

- **3 calls**

A decrease in number of calls:

- 2018-2020 – 3 calls
- 2016/17 - 4 calls
- 2014/15 - 5 calls

- **Budget breakdown for calls 2018-2020**

	2018	2019	2020
Call 1	36	35	40
Call 2	48.5	65	63
Call 3	40.5	58.25	55

# Drivers

- 1. Migration** (flows, narratives, integration, lessons from the past, cities)
- 1. Human and social dynamics of the 4<sup>th</sup> industrial revolution** (blurred lines between physical and technological, societal challenges and impacts, creative industries and cultural heritage)
- 2. Governance for the future** (trust & legitimacy, legal framework, historical and cultural evolution of governance, multi-level governance)

# Preparation of the SC6 Work Programme 2018-2020

## REPORT OF EXPERT ADVISORY GROUP

Three big 'tickets'

- Migration
- Human and social dynamics of 4th Industrial Revolution
- Governance for the future

## INPUTS FROM STAKEHOLDERS

20+ events, ~ 3,000 actors

- Trust
- Migration
- Social inclusion

## SCOPING PAPER

## STRATEGIC STOCK-TAKING

- Coverage of previous Work Programmes
- Prioritisation among the activity lines set out in the Specific Programme

## GAP ANALYSIS

- Foresight studies
- Policy reviews
- Roadmaps, reports and position papers

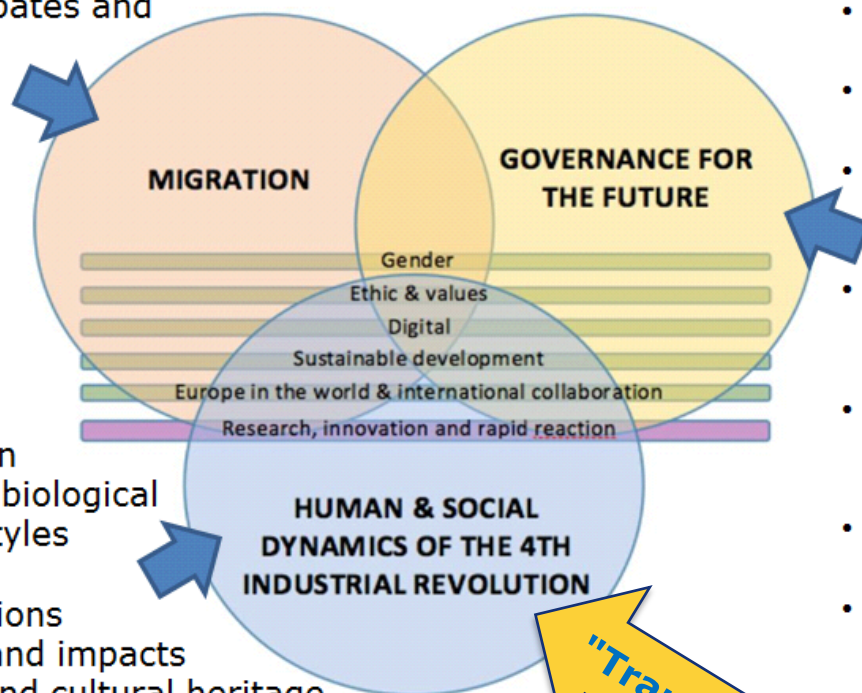




# Expert Advisory Group recommendations for SC6 2018-2020

## Summary and examples from final report

- Drivers, pathways and dynamics
- Analysis of public debates and policy frameworks
- Lessons of the past
- Integration research
- Cultural research
- Cities



- Multi-level governance arrangements
- Trust, trustworthiness and legitimacy
- EU's international roles and relationships
- Public value
- Tensions between harmonisation and heterogeneity
- Historical and cultural evolution of governance
- Legal and regulatory frameworks
- Digital transformations

- Blurred lines between physical, digital and biological
- Behaviours and lifestyles
- Policy frameworks
- Governance implications
- Societal challenges and impacts
- Creative industries and cultural heritage
- Distribution of risks and benefits



# CALL 1 MIGRATION



## Call 1 - MIGRATION

- produce recommendations for the global and European governance of migration as well as innovative solutions for integration of migrants into European host societies.
- promote sustainable development, demonstrating a strong commitment to supporting the UN's Sustainable Development Goals (SDGs), and contribute to strengthening international cooperation, as well as a better understanding and awareness of the role of international development and regional policies.
- foster improved responses for the international protection of refugees, the management of forced displacement, and the promotion of more fact-based and accurate discourses on migration.
- provide evidence based knowledge on the effects of migration on social systems, the access to and impact on labour markets and the cultural integration of third country nationals.
- enhance access to factual information on migration and the regulation of migration of third country nationals, also by involving migrants and their individual experiences in the shaping of narratives.

## RIA

(3 x 3 mio EUR)

### Impact:

- Drivers, attitudes and behaviours in qualitative and quantitative terms identified
- Scenarios and projections produced
- Cooperation with national statistical institutes and Eurostat improved

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

- New geographies and temporalities of migration
- Changing nature of flows
- Forced movements
- Voluntary movements linked to better livelihood opportunities
- Population estimates, data on gross international migration flows
- Gender dimension
- Focus on minors unaccompanied and with their families

## RIA

(3 x 3 mio EUR)

### Impact:

- Improved understanding of socio-economic effects of migration in EU countries
- Assessment of integration policies

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

- Long-term effects of migration on:
  - ✓ economic growth and productivity,
  - ✓ employment levels and wages,
  - ✓ entrepreneurship,
  - ✓ fiscal and welfare impacts
- Social impact of segregation
- Integration policies and their efficiency/effectiveness
- Historical experiences
- N.B. Interdisciplinary research: sociology, economics, history, anthropology, cultural studies and psychology among others

## IA

2019: 8 mio EUR

### Impact:

- Improved deployment of services for inclusion of migrants
- Improved communication between PA and migrants

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

- SDGs (Goal 9) and Agenda 2030
- ICT-enabled solutions
- Integration and inclusion to improve the lives of migrants
- Access to relevant public services
- Cultural features, gender differences
- Skills and capacities of migrants
- Best practices from MS
- Potential to scale up existing successful experiences

## RIA

(3 x 3 mio EUR)

### Impact:

- Evaluation of process, discourses and outcomes of the planned compact on refugees
- Strategies for implementing global refugee compact identified
- Process of EU common asylum system strengthened

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

- Emerging international protection system
- EU arrangements with refugees' origin and transit countries
- Comparative assessment of existing legal responses to protection needs
- Protection of vulnerable groups from abuse and exploitation, violence and discrimination
- International cooperation in particular with Canada, Brazil, South Africa and Jordan
- Inclusion of relevant international organisations

# CALL 2

# TRANSFORMATIONS





## Call 2 - SOCIOECONOMIC AND CULTURAL TRANSFORMATIONS IN THE CONTEXT OF THE FOURTH INDUSTRIAL REVOLUTION

- - address challenges linked to the socioeconomic and cultural effects in Europe of the fourth industrial revolution in a context of globalisation and digitisation
- - provide new evidence and alternative policy options in order to mitigate or support these transformations with a view to enhancing the diversity of cultures and social bonds and reinforce the social, cultural and economic benefits of the fourth industrial revolution.
- - foster equitable and sustainable prosperity and culture in the broad sense through objective scientific evaluations, social, cultural and technological innovation, co-creation and bottom-up solutions.
- - contribute to the objectives and the European Year of Cultural Heritage 2018 and to the UN's Sustainable Development Goals (SDGs).

## RIA

(3 or 4 x 2 mio  
EUR)

### Impact:

- Pathways for introducing disruptive technologies, new ways of providing public services

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

- Potential benefits and risks of disruptive technologies in public administration
- Social impact including on public servants of using these technologies for governance. Examine political, socio-economic, legal and cultural implications
- Disruptive technologies cover block chain, big data, IOT , virtual and augmented reality, AI, and so on. Proposals should pilot these technologies with multidisciplinary partners and stakeholders. Proposals should develop business plans for long term sustainability of these services.

RIA

(2x 3 mio EUR)

**Impact:**

- Link research, innovation, and policy for new participatory and alternative growth models. Advance EU Urban Agenda and SDG goals

**TRANSFORMATIONS-03-2018-2019: Innovative solutions for inclusive and sustainable urban environments**

- RIA : Assess scale, drivers of socio economic inequalities , effectiveness of local policies and practices, formulate policy recommendations
- Promotion of all aspects of social inclusion

## RIA

(3x3 mio EUR)

### Impact:

- Improve policies and practices
- Provide strategic guidance
- Create of innovative tools and methods
- Understand the impact of cultural tourism

## TRANSFORMATIONS-04-2019: Innovative approaches to urban and regional development through cultural tourism

- Address the knowledge gap on the phenomenon of cultural heritage tourism
- Understand its contribution towards cultural Europeanisation and economic and social development in Europe
- Assess how cultural tourism has affected the development of European regions and urban areas
- Assess the effectiveness and sustainability of multilevel strategies, policies, trends and practices
- Use place-based and participatory approaches

## **RIA + CSA**

(3x3 mio EUR + 1.5 mio EUR)

### **Impact:**

- Inform relevant stakeholders and practitioners
- Contribute to better regulation
- Formulate recommendations
- Improve data, methods and knowledge base

## **DT-TRANSFORMATIONS-07-2019: The impact of technological transformations on children and youth**

- Develop a solid and independent multidisciplinary and longitudinal knowledge
- Assess the online behaviour of children and young people
- Develop and test robust methodologies for measuring and explaining long-term impacts
- Develop evidence-based models identifying and analysing at-risk groups
- Involve children and young people in the project
- Establish a Pan-European platform to co-ordinate research activities on how children and young people behave and interact online
- Propose solutions for building online resilience

## RIA

(3x3 mio EUR)

### Impact:

- New methodologies for capturing the societal value of culture
- Tools for measuring, understanding and enhancing the impact of cultural policies

## TRANSFORMATIONS-08-2019: The societal value of culture and the impact of cultural policies in Europe

- Develop new perspectives and improved methodologies for capturing the wider societal value of culture
- Study the visions that underlie cultural policies
- Map the various forms of cultural engagement
- Assess the role of cultural participation as a source of wellbeing
- Explain how cultural values are constructed in the age of social media, internet and television across different socio-economic groups
- Assess the goals, strategies and effectiveness of cultural policies and institutions

## RIA

( 3 x 4 mio EUR)

### Impact:

- Fostering diversity and social cohesion
- Impact cultural institutions through new audiences

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

- Improve access for insufficiently integrated socio-cultural groups through participative and collaborative approaches
- Use of social media platforms, art, co-designed activities
- Cover tangible and intangible heritage, digital tagging of objects
- Co-authoring societal and place based memories
- Collaborative tools and applications to help cultural tourism sectors, heritage institutions

## RIA

(1,0 mio EUR)

### Impact:

- Timely and diverse data on R&I activity, output and/or impact to inform R&I policy making

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

- Research and innovation policy making needs solid and timely data
- Official data do not provide full picture of dynamics of current R&I systems
- Digitalised work creates alternative sources of data
- Big data: wide availability, fuller coverage, granular, more timely
- Exploit big data to produce information on R&I activity, performance, output and/or impact
- Focus on: private R&I investments, public-private cooperation, technology diffusion



## CSA

(1,5 mio EUR)

### Impact:

Harmonised impact assessment and intervention quality standards

Coordination of stakeholders and development of toolkits

Innovative research agenda on cultural heritage and quality of interventions on CH sites

## TRANSFORMATIONS-16-2019: Social Platform on the Impact assessment and the quality of interventions in European historical environment and cultural heritage sites

- Ensure high quality interventions in cultural heritage and cultural landscapes for sustainable growth and cohesion
- Avoid low quality interventions with EU funds and ensure quality control system
- Brings together multiple stakeholders in the domain
- Cover tangible and intangible heritage, cultural land and seascapes, heritage memory preservation, group and community identities, guidelines of codes and ethics
- Promote best practice and international benchmarking in the area

## RIA

(3x3 mio EUR)

**Impact:** Take into account artistic perspectives in innovative approaches to societal challenges (in areas like inequalities, migration, climate, social justice, etc).

Test practices based on social inclusion and co-creation.

## TRANSFORMATIONS-17-2019: Societal challenges and the Arts

- Use artistic perspectives to engage with the major societal challenges and search for alternative or unconventional solutions
- Identify and analyse projects that have succeeded in collective mobilisation
- Examine the role of technology in artistic diffusion and inclusion
- Artistic entrepreneurship with links to cultural and creative industries. Create connectivity between multiple stakeholders

# CALL 3

## GOVERNANCE FOR THE FUTURE



## Call 3 – GOVERNANCE FOR THE FUTURE

- **evidence base, sound policy & technological options to facilitate adaptation of governance structures if and as needed**
- addresses foundations of governance **and democracy**
- in key constitutional and institutional areas
- I.e. trust, differentiation, social rights and citizenship
- addressing societal challenges such as Populism, polarisation and radicalisation
- open innovation, security and defence policy, digital democracy and also the delivery of public goods
- international cooperation especially in relation to topics on global governance and violent extremism

## RIA

(3 x 3 mio EUR)

### Impact:

- enhance knowledge base on trust, incl factors determining changes in trust
- develop criteria, indicators for detecting decreasing trust
- restore & improve trust in governance
- enhance the quality of democracy

## GOVERNANCE-01-2019: Trust in governance

- Investigate changes of trust in the EU, the Euro, political parties and financial systems
- Study relationship between trust /distrust ; trust/inequalities; trust/legitimacy; trust /democracy
- Assess correlations between trust, social inclusion and belonging
- Identify thresholds of decreasing levels of trust
- Participatory practices beyond electoral participation
- Role of civil society
- Perform experimental research as relevant

## RIA

CSA

(1 x 1,5 mio EUR)

### Impact:

- Comprehensive knowledge base & scenarios development
- EU's capacity & resilience responding to centrifugal forces
- *Mobilising and linking experts and relevant stakeholders*

## GOVERNANCE-02-2018-2019: Past, present and future of differentiation in European governance

- **Whether/how much differentiation is necessary, conducive, sustainable and acceptable for the EU? Building scenarios**
- Take stock of existing research action
- Collaboration between projects funded under this topic
- Link research and policy on differentiation

## RIA

(3 x 3 mio EUR)

### Impact:

- Recommendations on exercise of social rights as part of EU citizenship
- Contribute to the implementation of the European Pillar of Social Rights
- Improved indicators social exclusion, poverty

## GOVERNANCE-04-2019: Enhancing Social Rights and EU Citizenship

- Relationship between social policy instruments and outcomes in social inclusion and fairness
- Assess the European Social Pillar: merits and/or pitfalls of social policy harmonisation
- Consider SDGs (Goals 1, 10) and Agenda 2030
- Conceptualisations of social citizenship
- Links between social rights and economic growth, inequality trends and social well-being
- Historical and comparative dimension

## RIA 2019

(2 x 3-4 mio EUR)

### Impact:

- forward-looking models for the co-delivery of public services;
- reinforce trust in public institutions through open government approach
- support Web Accessibility Directive

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

- critically assess and support transformation based on an open collaboration and innovation platform supported by ICT ('government as a platform')
- open environment and ecosystem with clear frameworks and guidelines for modular services quality ('government as a service')
- regrouping resources together under common infrastructures at the European level
- enable the participation of all relevant communities
- identify gaps in accessibility solutions, to establish related best practices, and to promote training, awareness raising and capacity building



## RIA

(3 x 3 mio EUR)

### Impact:

- improve knowledge base on violent extremism in the broader MENA region and the Balkans
- ensure mutual learning between the EU and third countries in light of common challenges

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

- Analyse interplay between religion, politics and identity by regionally and by countries
- Consider radical interpretations and appropriations of religion to justify violent extremism (e.g. foreign fighters, role of diasporas and community leaders)
- Identify/analyse preventive measures, e.g. strengthening moderate voices, fostering education and inclusion as tools for reconciliation, promoting online media literacy and countering radical propaganda
- N.B. proposals should include at least one participant from a third country relevant to the specific challenge and scope

## IA

(3 x 3 mio EUR)

### Impact:

- create analytical tools enable reuse of common infrastructures and data sets
- engage citizens and businesses in the co-creation of the tools
- enhancing trust and boosting legitimacy of authorities

## DT-GOVERNANCE-12-2019-2020: Pilot on using the European cloud infrastructure for public administrations

- Involvement of local actors including citizens and businesses to better inform policy-making while ensuring higher levels of acceptance for policies and of trust in the authorities
- Open and big data as facilitated by high-performance computing (HPC) capabilities for the public administration
- Identify new ways and methods and ethical aspects of using the cloud infrastructure by public administrations for policy modelling, policy making and policy implementation
- Creating new and reusable models
- Interoperability, reusability or scalability of the models and analytical tools

## IA

(2 x 3-4 mio EUR)

### Impact:

- solutions, business models and policy recommendations
- fairer accessibility of digitised cultural goods and services
- advise on appropriate levels of harmonisation of copyright and IPR
- deepen the Digital Single Market

## DT-GOVERNANCE-13-2019: Digitisation, Digital Single Market and European culture: new challenges for creativity, intellectual property rights and copyright

- Consequences of digitisation and implementation of the Digital Single Market on cultural diversity, on access to culture and on the creation of cultural value
- Coping strategies for intellectual property rights (IPR) and copyright at European and national levels
- Impact of digitisation on access to European cultural goods and services
- Comparative cross-national mapping of differences in governance of IPR and copyright harmonisation
- Access and stimulate creativity, creative (re)use and production
- Importance of Digital Single Market for for-profit, non-profit and mixed cultural and creative activities in Europe

## CSA

1.5 mio EUR

### Impact:

Synthesize the state of the art, facilitate improved data collection

Policy recommendations on social cohesion

Create networks of stakeholders, policy makers and experts on inequalities

## GOVERNANCE-16-2019: Reversing inequalities

The rise in inequalities and their geographical and temporal variations give rise to the need for an evidence base to design and implement policy instruments that can reverse the trend

Existing research in these areas need to be collected and consolidated

Advance European values and the European Pillar of Social rights

A CSA platform should bring together the relevant research communities , consolidate comparative data sets, and when necessary generate new data

Consider the repercussions of rising socio-economic inequalities on democracy, governance and legitimacy

Examine under which conditions socio-economic and cultural inequalities translate into political inequalities.

## CSA

1.5mio EUR

### Impact:

Take stock of existing research on the evolution of democracies

Organise dialogues on the long term dynamics of democracies and propose methods of strengthening democratic governance

## DT-GOVERNANCE-17-2019: Democratic crisis? Resolving socio-economic and political challenges to reinvigorate democracies

Take stock of the challenges facing liberal democracies from populism and nationalism

Analyse challenges to legitimacy, accountability, transparency, and effectiveness of democracies based on existing state of the art research

Bring together the relevant research community with civil society representatives and consider problems of representation

Analyse democratic traditions and pathways and how they affect policy responses

Examine the role of technology on participation, media and accountability , propose means for enhanced participation in democratic processes.

## CSA

1.5mio EUR

**Impact:** Inter governmental collaborative projects

New models of innovation and government

New Public management

## **-GOVERNANCE-18-2019: Innovation in government –building an agile and citizen centred public sector**

Based on past work by the Observatory of Public Innovation managed the OECD, promotion of experimentation and innovation in the public sector

Developing a theory and practice of public sector innovation for the 21st century

Peer learning and exchange of best practices between governments

## CSA

250000 EUR

**Impact:** Upscaling social innovations in provision of social services . Closing the gap of geographical disparities in Europe

## -GOVERNANCE-19-2019: A European Social catalyst fund to scale up high performing social innovations in the provision of social services

Special proposal on the creation of a financial instrument in the social innovation sector, in particular on questions of inclusiveness (of marginalised and vulnerable populations).

Creating a consortium of venture philanthropists, foundations, social impact investors, government agencies and service providers in the social sector.

Prepare a list of activities for support via the European Social catalyst Fund.



# Contacts

## **HORIZON 2020**

<http://ec.europa.eu/programmes/horizon2020/en/what-horizon-2020>

## **PARTICIPANT PORTAL**

<https://ec.europa.eu/research/participants/portal/desktop/en/home.html>

## **EUROPEAN RESEARCH COUNCIL**

<https://erc.europa.eu/>

## **MARIE SKŁODOWSKA-CURIE ACTIONS**

<https://ec.europa.eu/research/mariecurieactions/>

## **DG RTD – SOCIAL SCIENCES AND HUMANITIES**

<https://ec.europa.eu/research/social-sciences/index.cfm>

## **REFERENCE DOCUMENTS AND GUIDELINES FOR APPLICANTS:**

[http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference\\_docs.html](http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html)

## **HORIZON 2020 HELPDESK - Research Enquiry Service:**

<http://ec.europa.eu/research/index.cfm?pg=enquiries>

## **H2020 ONLINE MANUAL:**

<http://ec.europa.eu/research/participants/portal4/desktop/en/funding/guide.html>

## **H2020 GLOSSARY:**

[http://ec.europa.eu/research/participants/portal4/desktop/en/support/reference\\_terms.html](http://ec.europa.eu/research/participants/portal4/desktop/en/support/reference_terms.html)

## **CORDIS**

<http://cordis.europa.eu/>





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# Population ageing in Europe

Facts, implications and policies

# THANK YOU FOR YOUR ATTENTION !



## Research on Migration: Facing Realities and Maximising Opportunities

A Policy Review



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

Monitoring report on SSH-flagged projects funded in 2014 under the Societal Challenges and Industrial Leadership



## Our Neighbours

Research and innovation in support of the EU's Neighbourhood Policy



## Addressing Terrorism

European Research in social sciences and the humanities in support of policies for Inclusion and Security

A Policy Review



## Understanding and Tackling the Migration Challenge



## Study on eGovernment and the Reduction of



## Trust

European Research Co-creating Resilient Societies

## A global actor in search of a strategy

European Union foreign policy between multilateralism and bilateralism



## Financial crisis:

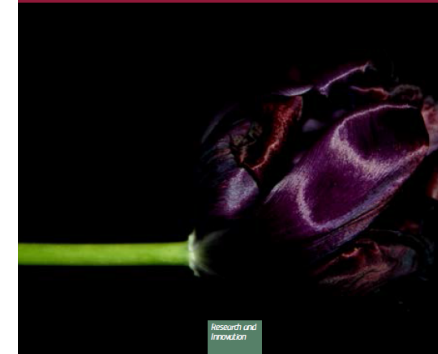
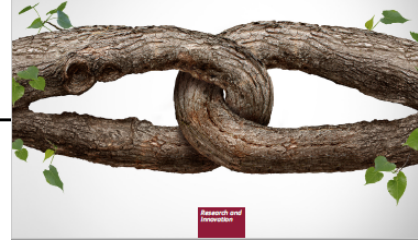
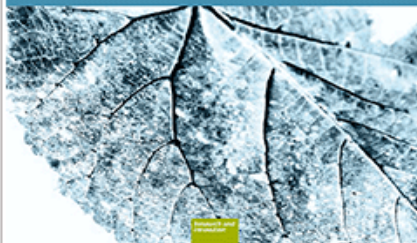
causes, policy responses, future challenges

Outcomes of EU-funded research



Fighting poverty & exclusion through social investment  
A European research perspective

A Policy Review



Research and Innovation