

**HORIZON 2020**

**Ausschreibungen  
Cultural Heritage  
2017-2018**

**Stephanie Rammel, FFG**

- **Horizon 2020**
- **Ausschreibungen mit Bezug CH 2018-2019**
- **Services der FFG**

Horizon 2020 läuft noch bis inklusive 2020.

Veröffentlichung **Ausschreibungen 2018-2019**:  
Ende Oktober 2017 online

Zahlreiche Programmlinien in H2020  
**FFG ist nationale Kontaktstelle** in Österreich  
-> ExpertInnen f. Programmlinien in FFG beraten

**Participant Portal** der Europäischen Kommission:  
<http://ec.europa.eu/research/participants/portal4/desktop/en/home.html>

**Online Manual**:  
[http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm)

# Horizon 2020 – Kooperative Projekte



## **Beteiligungsregeln:**

mind. 3 verschiedene Organisationen aus 3 verschiedenen EU-Mitgliedsstaaten - dann plus eventuelle assoziierten Staaten oder Drittstaaten. Meist > 3 Partner.

## **Förderhöhen:**

häufig 100%: Research and Innovation Actions, Coordination and Support Actions

für for-profit Orgs. manchmal 70% - bei Innovation Actions (non-profit auch dort 100%)

**Projekt-Laufzeiten:** nicht vorgegeben, in Praxis meist ca. 2 bis 3 Jahre.

Es gibt entweder ein oder zweistufige Antragsverfahren – Details bitte bei konkreter Ausschreibung im participant portal beachten!

# Horizon 2020: Struktur



## Wissenschafts- exzellenz Excellent Science

### Ziel: Wissenschaftsbasis

1. European Research Council (ERC)
2. Future and Emerging Technologies (FET)
3. Marie Skłodowska-Curie
4. Forschungsinfrastrukturen

## Führende Rolle der Industrie Industrial Leadership

### Ziel: Wachstum

1. **Grundlegende und industrielle Technologien (LEIT) inkl. Schlüsseltechnologien (KETs)**
2. Risikofinanzierung
3. Innovation in KMU

## Gesellschaftliche Herausforderungen Societal Challenges

### Ziel: Lösung gesellschaftlicher Probleme

1. Gesundheit, demografischer Wandel
2. Ernährung, Biowirtschaft
3. Energie
4. Verkehr
5. **Klimaschutz, Rohstoffe**
6. **Integrative, innovative und reflexive Gesellschaften**
7. **Sichere Gesellschaften**

- Widening Participation
  - Science with and for Society
    - Europäisches Innovations- und Technologieinstitut (EIT)
      - Gemeinsame Forschungsstelle (JRC)

# Cultural Heritage in Horizon 2020



**CH** kommt in Horizon 2020 in unterschiedlichen Programmlinien vor:

- **Umwelt** und Klimawandel - Societal Challenge 5
- **Integrative Gesellschaften** ~ Sozial- und Geisteswissenschaften - Societal Challenge 6
- *Sicherheitsforschung* – Societal Challenge 7
- *Nanomaterials* etc. – Teil NMPB in Grundlegende industrielle Technologien (Säule 2)

Creative Industries und **ICT-Aspekte** von CH auch zu finden bei zwei ICT-orientierten Programmlinien in H2020

-> heute nicht Schwerpunkt.

2017-2018 kommen thematisch auch vor:

next generation internet, interactive technologies, arts & innovation

future and emerging technology-flagships (future FET flagships)

**Kontakt FFG:** ICT-Experten Manfred Halver, David Kolmann

# SSH = Sozial-, Wirtschafts- und Geisteswissenschaften in Horizon 2020



## Programme mit unterschiedlichen GRUNDLOGIKEN

### Förderung von Personen:

- **European Research Council (ERC)** -> FFG: Ylva Huber  
*themenoffen, „bottom up“, eher für Grundlagenforschung*
- **Marie – Skłodowska – Curie Maßnahmen** -> FFG: Therese Lindahl  
inkl. Konfinanzierung nationaler Doktorats- und Stipendienprogramme

### Förderung von transnationalen kooperativen Forschungsprojekten:

- u. A. **Säule 3 - Gesellschaftliche Herausforderungen**  
**Sozial- und Geisteswissenschaftliche** Forschung am stärksten in  
*6. Gesellschaftlicher Herausforderung*  
*Europe in a changing world – inclusive societies* -> FFG: Stephanie Rammel  
*Themen vorgegeben, „top down“*

### **TRANSFORMATIONS-04-2019-2020: Innovative approaches to urban and regional development through cultural tourism – IA 4-5 Mio €**

address curation and preservation of digital assets. new technologies and methods for richer experiences, storytelling and the linking of physically separated objects and sites, and tangible and intangible heritage.

expected impact: present cultural heritage in a comprehensive and attractive way. Enhance cultural history and cultural tourism. enhance re-use of digital assets.

### **SU-TRANSFORMATIONS-09-2018: Social platform on endangered cultural heritage and on illicit trafficking of cultural goods – CSA 1,5 Mio €**

take stock of ongoing initiatives incl. research (national, international and EU-level), mutual learning and coordination; identify knowledge and intervention gaps. bring together the research community, public and private actors, and policy makers at national and international levels. traffic routes, provenance research, economic aspects, heritage memory preservation, return and restitution, legislation, training, awareness raising.

expected impact: contribute to strategic integrated European and internat. policies and interventions. Toolkit and recommendations. Support building of research agenda.



### **DT-TRANSFORMATIONS-11-2019: Collaborative approaches to cultural heritage for social cohesion – RIA 3-4 Mio €**

Specific Challenge: insufficient integration of some socio-economic groups in CH experiences. Improve the design of cultural experiences, enhance participatory and collaborative approaches, foster mutual cultural understanding and resilient strategies.

Scope: develop strategies for fostering collaborative and participative approaches to cultural encounters via communication channels such as social media platforms, participatory approaches, art and co-designed activities.

consider both **tangible and intangible heritage**, researching new applications and tools that allow for a more inclusive approach such as digital tagging of objects or co-authoring of societal and place-based memories. Active involvement and engagement with different groups or communities such as migrants and other communities at risk of exclusion. ...

Collaborative tools and applications should help the cultural tourism sectors and cultural heritage institutions, NGOs, community organisations etc. in Europe and beyond to enhance the analysis and understanding of cultures and communities.

Expected impact: fostering cultural diversity and social cohesion and the recognition of multiple identities and voices.

positive impact on cultural institutions by attracting contributions from and boosting involvement of new audiences.

provide disciplines such as computing, design and the social science and humanities with new research tools.

# Integrative Gesellschaften

## Societal Challenge 6



### **DT-TRANSFORMATIONS-12-2018-2020: Curation of digital assets and advanced digitisation – IA 4-5 Mio €**

Specific Challenge: Generate a more comprehensive picture of studies assets, also including stories and experiences together with their cultural, historical and social context and their evolution over time

Scope: address the curation and preservation of digital assets. They should provide new technologies and methods that enable, among others, richer experiences, storytelling and the linking of physically separated objects and sites, and tangible and intangible heritage. It should pay attention to the emergence of more dynamic and personalised digital resources which pose new issues in terms of curation and preservation.

Expected impact: new technologies and methods to present SH in a comprehensive and attractive way, supporting the promotion and understanding of Europe's CH. demonstrate how improved preservation of objects, collections and sites will enhance cultural history and cultural tourism. The economic, social, research and cultural impact for content-owning creative industries and cultural institutions will include gains from use and re-use of digital assets. Enhance re-use of digital assets.

## **LC-CLA-04-2018 Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events – RIA, Two Stage, 5-6 Mio €**

### Specific Challenge:

European historic areas and their surroundings, both in urban and rural environments, are increasingly affected by climate-change and various natural hazard events. Increasing their resilience through ‘preparedness’ interventions and securing their sustainable reconstruction in case of damage or destruction is essential to preserve their identity and economic, social and environmental functionality and to seamlessly transmit their historic value to new generations. [...]

### Expected Impact:

The project results are expected to contribute to:

- enhanced resilience and reduced vulnerability of historic areas to climate change and other natural hazards, also accounting for their synergistic impact;
- improved reconstruction and economic and social recovery of historic areas by local authorities and communities through the use of new knowledge and tools.

## **SC5-19-2018 International network to promote cultural heritage innovation and diplomacy – CSA, Single Stage, ~ 2,5 Mio €**

Scope: Actions should establish an international network that will capitalise on EU expertise to leverage the value of European cultural heritage assets, promote heritage-led innovation for sustainable development and provide expertise and assistance, particularly where cultural heritage is at risk.

### Expected Impact:

The project results are expected to contribute to:

- more extensive protection and preservation of cultural heritage, and optimal use of its innovation potential for sustainable development;
- the emergence of a global market for heritage-led sustainable innovation, through EUwide evidence and increased awareness among investors, practitioners and the public;
- enhanced capacity of third countries to manage, enhance and safeguard cultural heritage, particularly where it is at risk, through provision of EU knowhow and assistance;

[...]

## **SC5-20-2019 Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration – IA, Two Stage, 7-8 Mio €**

Scope: Actions should develop, demonstrate and document strategies, approaches and solutions to re-activate and re-generate historic urban areas and/or cultural landscapes. They should foster innovation by relevant start-ups, cultural and creative industries, including from the digital technologies sector, small scale advanced manufacturing producers and local 'makers', craft workshops, etc. for adaptive re-use and leverage of heritage assets and social integration.

### Expected Impact:

The project results are expected to contribute to:

- reversing trends of abandonment and neglect of historic heritage in urban areas and landscapes;
- new and tested blueprints for the socially and economically viable regeneration of European historic urban areas and cultural landscapes, with enhanced well-being and quality of life, social cohesion and integration;
- boosting heritage and culture-relevant innovation, creativity, entrepreneurship and light 'reindustrialisation' of historic urban areas and cultural landscapes

### **SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies - RIA, 5 Mio. €**

Scope: disasters related either to natural causes (including climate-related hazards) or to terrorist attacks ... highlighted the importance of increasing risk awareness and resilience among people and decision makers in Europe.

Research on: how cultural changes among individuals, business managers, government officials, and communities can create a resilient society in Europe, in line with the Sendai Framework for Disaster Risk Reduction.

**Researchers should take into account tangible and intangible cultural heritage**, traditional know-how, land use, construction technologies, and other local knowledge which is a valuable source of information for the local communities and can help prevent the creation of new risks, to reduce existing risks, to prepare for and to respond to disasters and to build back better.

#### Expected impact:

Comparative analysis of European diverse risk-perception and vulnerability; of different approaches; cross-fertilisation of concepts; identification of existing tools and guidelines, .... learning from citizen-science interaction; develop a common European understanding of disaster resilience.

**NMBP-33-2018: Innovative and affordable solutions for the preventive conservation of cultural heritage - IA (= innovation action), 4-6 Mio**

- develop innovative low-cost **tools/solution for preventive conservation** of movable CH artefacts (in storage and/or on display)
- **monitoring** (types of) **artefacts to allow continuous remote data acquisition** for key-parameters and/or conservation status of artefacts.
- **multiscale modelling** (linking different types like electronics, atomistic, etc.), allow predictions about CH degradation based on the monitoring data.

development of actual tools / solutions. **Contributions from SSH Disciplines for the CH targeting criteria.** User involvement, accessibility & reusability of produced data

Budget: 4-6 Mio € EU-Contribution (70% funding for-profit Orgs, 100% non-profit)

**Deadline: 23 Jan 2018 (First Stage), 28 Jun 2018 (Second Stage)**

## Beratungen zu den hpts. für CH relevanten Programmlinien in Horizon 2020:

Umwelt, Klimaschutz (SC5):

Dr. Michalis Tzatzanis

Integrative, innovative und reflexive Gesellschaften (SC6):

Mag. Stephanie Rammel

Sichere Gesellschaften (SC7):

DI Jeannette Klöckl

ICT:

DI (FH) Manfred Halver,  
David Kolman PhD

NMBP:

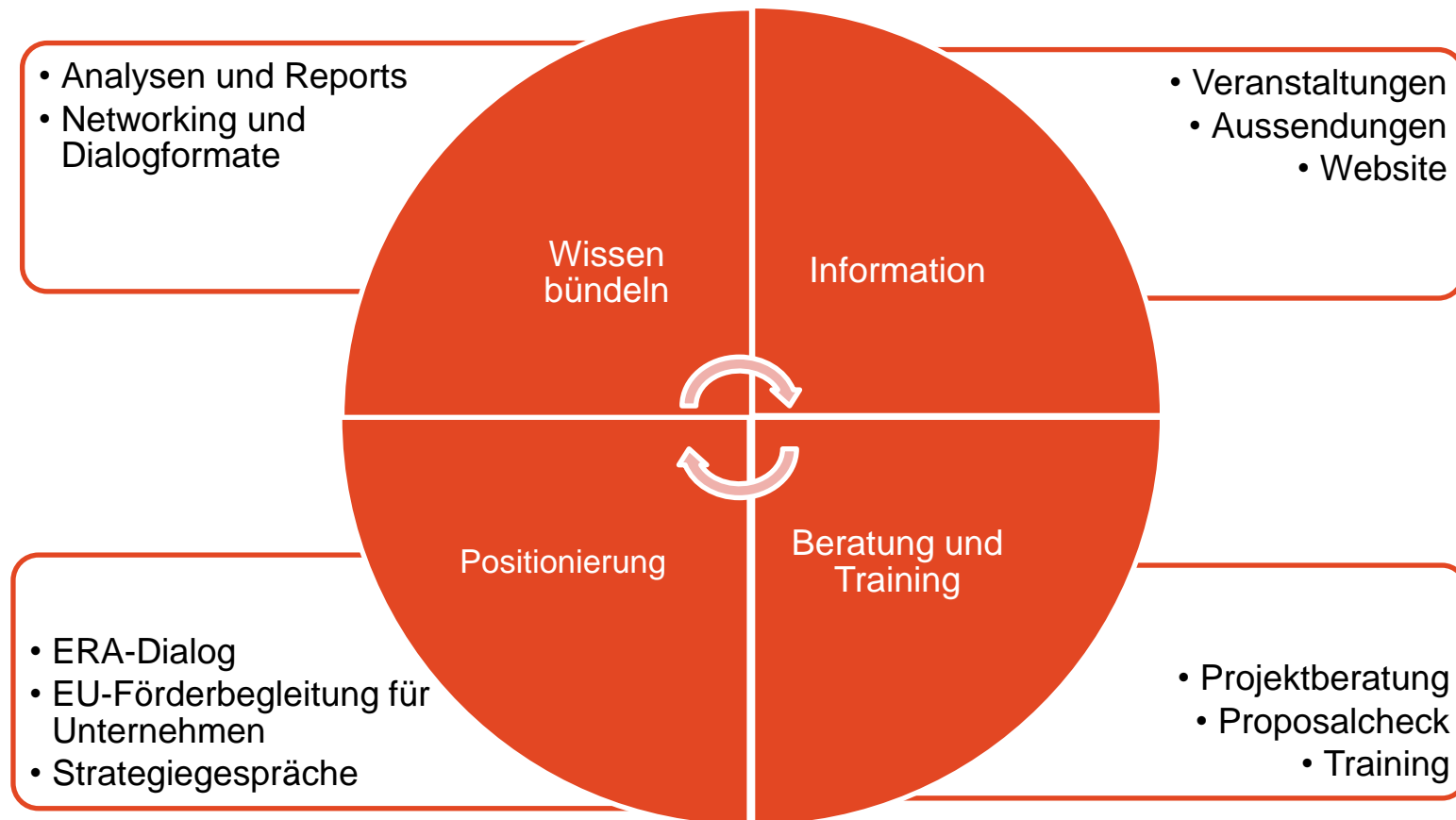
DI Gerald Kern

Vorname.Nachname@ffg.at

<https://www.ffg.at/europa/service>

<https://www.ffg.at/content/nationale-kontaktstelle-ffg>





## Weiter helfen kann:



### Angebote der FFG Nutzen:

- **Beratungsangebote** der FFG nutzen  
<https://www.ffg.at/europa/beratung>
- **FFG-Akademie für Einreichende mit konkreten Einreichmöglichkeiten:**  
<https://www.ffg.at/europa/akademie>  
<https://www.ffg.at/europa/akademie-termine>

sich als **ExpertIn** bei der Kommission zu registrieren um zu **evaluieren**,  
sich für **Advisory-Groups** der Kommission zur Verfügung stellen. Näheres:  
<http://ec.europa.eu/programmes/horizon2020/en/experts>

**Danke für Ihre Aufmerksamkeit!**



**Mag. Stephanie Rammel**

**Nationale Kontaktstelle für  
Integrative, innovative und  
reflexive Gesellschaften - Societal Challenge 6**

**[stephanie.rammel@ffg.at](mailto:stephanie.rammel@ffg.at)**