HORIZONTE EUROPA

GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

oficina europea

Generalitat de Catalunya
Departament de Recerca i Universitats

Taller de preparació de propostes Horizon Europe - Clúster Salut i Missió Càncer

Social Sciences and Humanities (SSH)

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Policy and Legal Background

"*Horizon Europe shall ensure a **multidisciplinary approach** and shall foresee, where appropriate, the **integration of social sciences and humanities across all clusters and activities** developed under the Programme, including specific calls on SSH related topics*"
Horizon Europe Regulation Regulation 2021/695 , Art. 7 "Principles of the Programme

"*To increase collaboration links in European R&I and across sectors and disciplines, including social sciences and humanities*"
Horizon Europe Council Decision 2021/764; Article 2.f – Operational objectives

"*The **effective integration** of **social sciences and humanities (SSH) in all clusters**, including all **missions and partnerships**, is a principle through the Programme cycle. **SSH** are a **key constituent of research and innovation**, especially regarding the twin green and digital transitions.*"
Horizon Europe Strategic Plan 2021-2024 & 2025-2027

What is SSH Integration in the context of Horizon Europe?

SSH Integration stands for the inclusion of social sciences and humanities (SSH) research expertise in stem-focused research projects in Horizon Europe

The **"SSH integration" requirement / campaign** underlines the importance;

- to explore social aspects along with the technological aspects in some research projects (**content of research**).
- to involve researchers from Social sciences and Humanities in technology-oriented projects (**team of research**).
- It refers to a inter-/multi- disciplinary research, where both STEM and SSH researchers are involved.
- This needs to be reflected in the **consortium/ methodology/ workplan**

Diferencias entre interdisciplinar, multidisciplinar y transdisciplinar

1. Multidisciplinar

- **Definición**: Involucra múltiples disciplinas que trabajan de manera paralela, cada una aportando su conocimiento específico.
- **Interacción**: Las disciplinas operan independientemente, y sus resultados se combinan al final del proceso.
- **Ejemplo**: Un proyecto que incluye un biólogo, un físico y un sociólogo que trabajan en sus respectivas áreas, pero sin interacción profunda entre ellos.

2. Interdisciplinar

- **Definición**: Combina conocimientos, métodos y enfoques de diferentes disciplinas para abordar un problema común.
- **Interacción**: Existencia de diálogo y colaboración activa entre las disciplinas, fomentando un enfoque más integrado.
- **Ejemplo**: Un equipo de médicos, ingenieros y psicólogos que trabajan juntos en el desarrollo de una tecnología para la salud, integrando sus áreas de especialización.

3. Transdisciplinar

- **Definición**: Va más allá de la interdisciplinariedad al integrar no solo disciplinas académicas, sino también conocimientos de la práctica y de la sociedad.
- **Interacción**: Busca la colaboración entre científicos, profesionales y actores sociales, creando un enfoque holístico que trasciende las fronteras disciplinarias.
- **Ejemplo**: Un proyecto sobre cambio climático que involucra no solo a científicos y académicos, sino también a comunidades locales, responsables políticos y organizaciones no gubernamentales.

SSH Disciplines

Social Sciences

• anthropology (excluding physical anthropology) and ethnology; • economics; • business and marketing; • human geography and demography (excluding physical geography); • education; • journalism and communication; • political science, public administration; • law, legal studies; • psychology; • sociology; ..

Humanities

• history; • archaeology; • ethics; • interpretation and translation; • languages and cultures; • art, design; • literature; • linguistics; • philosophy; • religion and theology;..

STEM disciplines

• Science; • Technology; • Engineering; • Mathematics

Social Sciences and Humanities in Horizon Europe

1. Calls for proposals - Work programme

- Topics flagged as SSH
- The topics requesting the inclusion of SSH aspects can take different forms and address SSH in various ways and intensities:

a. Clear explanation in the topic text

"When defining calls for proposals, this partnership needs to consider the effective ***contribution of social sciences and humanities*** *(SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities. In addition, this partnership needs to integrate robust sex and gender considerations, applying an intersectional lens to investigate variations in mental, neurological and neurodegenerative conditions. This includes examining how characteristics such as sex, gender, age, racial/ethnic background, and disability intersect to influence disease/disorder prevalence, prevention, and outcomes."* *HORIZON-HLTH-2025-02-DISEASE-01: European Partnership for Brain Health; page 72.*

"Additionally, ***socioeconomic, lifestyle and behavioural factors should be taken into account****. For this, the topic requires the effective contribution of social sciences and humanities (SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities."* *HORIZON-HLTH-2025-03-IND-03-two-stage: Facilitating the conduct of multinational clinical studies of orphan devices and/or of highly innovative ("breakthrough") devices; page 117.*

*"****SSH approaches*** *should serve through a multi-actor approach to orient and contextualise coastal STEAM (science, technology, engineering, arts and mathematics) activities related to the above-mentioned challenges in terms of social and economic impact as well as in terms of the deep impact of* ***human behaviour, culture*** *(including indigenous knowledge and practices)* ***and history*** *(including religion literacy) on all societal innovation and integrated sustainable coastal zone development and management"* *Horizon-CL6-2021-COMMUNITIES-01-04: Socio-economic empowerment of the users of the sea*

"Proposals should bring together from the start multiple types of **scientific expertise in both natural sciences and social sciences and humanities** (e.g. geography, sociology, political ecology, behavioural sciences, anthropology, philosophy, etc). In particular, this topic should involve the effective **contribution of SSH disciplines**. Assessing the **socio-politic**s of nature-based solutions for more inclusive and resilient communities *HORIZON-CL6-2022-COMMUNITIES-01-05. Assessing the socio-politics of nature-based solutions for more inclusive and resilient communities*

"Applicants should take into account not only the advances in ***economic thinking****, but also the evolution in* ***behavioural insights, study of public and political acceptance****, as well as progress in other relevant fields such as* ***sociology, natural and political sciences, humanities, gender and intersectional studies, public health and disaster risk reduction****, as well as key trends that have influenced the evolution of the European environmental policy-making. Lessons from the COVID-19 crisis should also be taken into account. Participation of and co-creation with relevant stakeholders and key actors should be part of the action, including in-depth* ***contribution from social sciences and humanities*** *to advance the understanding of the dynamics and the factors impacting the policy and* **political decision-making processes.** Improved economic methods for decision-making on climate and environmental policies" *HORIZON-CL5-2021-D1-01-07. Improved economic methods for decision-making on climate and environmental policies*

Social Sciences and Humanities in Horizon Europe

1. Calls for proposals - Work programme

b. Only long standard sentences

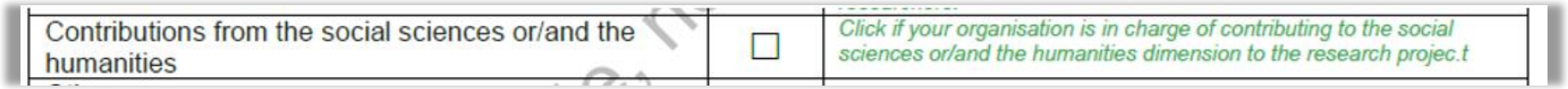
"This topic requires the effective contribution of social sciences and humanities (SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities."

c. Only short standard sentences

"This topic should include the effective contribution of social sciences and humanities disciplines"

2. Proposal submission. SSH aspects in submission forms:

- **Part A**. **Application form** (administrative information) – checkbox for SSH and profile of Participants



Contributions from the social sciences or/and the humanities	☐	*Click if your organisation is in charge of contributing to the social sciences or/and the humanities dimension to the research projec.t*

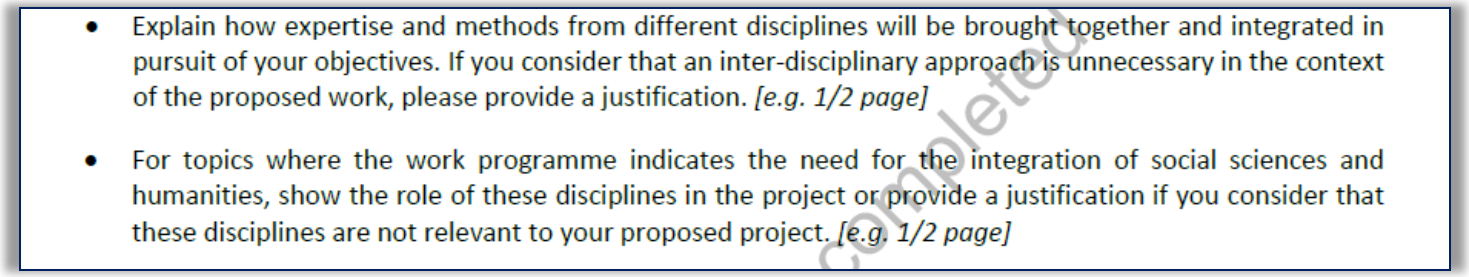
Social Sciences and Humanities in Horizon Europe

2. Proposal submission: SSH aspects in submission forms:

- **Part B. Description of work – SSH in excellence, implementation and impact *sections***

*Freedom of the applicants: to consider that **an SSH component** is **not relevant** for their proposal - **Need to justify why not** for evaluators to assess.*

- **Section 1. Excellence.** For topics where the work programme indicates the need for the integration of social sciences and humanities, show the role of these disciplines in the project or provide a justification if you consider that these disciplines are not relevant to your proposed project.



- **Section 3.2. Capacity of participants and consortium as a whole.** Describe the consortium. How does it match the project's objectives, and bring together the necessary disciplinary and inter-disciplinary knowledge. Show how this includes **expertise in social sciences and humanities,** open science practices, and gender aspects of R&I, as appropriate. Include in the description affiliated entities and associated partners, if any.

Social Sciences and Humanities in Horizon Europe

3. Proposal evaluation

- SSH is a requirement **embedded in the award criteria** that will be assessed.
- SSH experts evaluators assess specifically the SSH part of the proposal, taking into account how applicants have integrated the SSH dimension in the proposal.
- All 3 evaluation criteria include SSH aspects to be addressed:

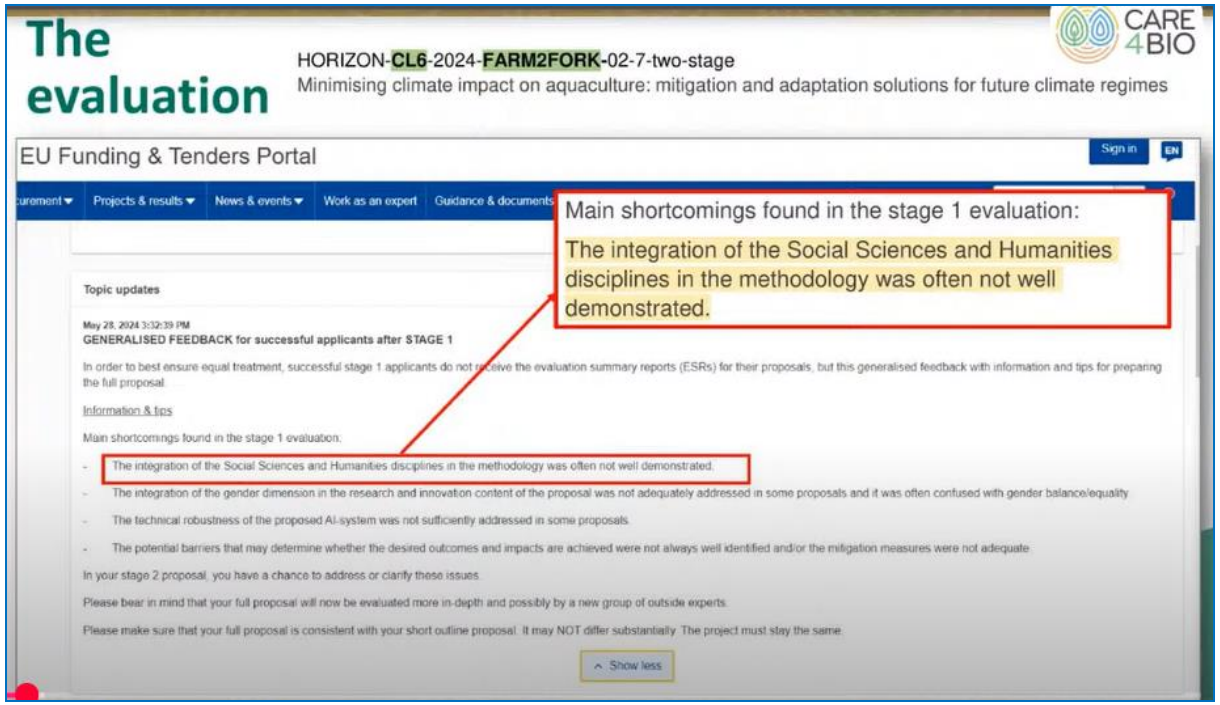
When the integration of SSH is required, applicants have to show the roles of these disciplines or provide a justification if they consider that it is not relevant for their project. A proposal without a sufficient contribution/ integration of SSH research and competences will receive a lower evaluation score.

Excellence	-For topics indicating the need for the integration of social sciences and humanities, is the role of these disciplines properly addressed?
Impact	-Are the proposed dissemination, exploitation and communication measures suitable?
Implementation	-Does the consortium match the project's objectives, and bring together the necessary disciplinary and inter-disciplinary knowledge? -For topics flagged as SSH relevant, does the consortium include expertise in social sciences and humanities?

Social Sciences and Humanities in Horizon Europe

3. Proposal evaluation

Link to the Video



Social Sciences and Humanities in Horizon Europe

4. Outputs of the projects

- Specific issues to be addressed in the **Midterm and Final reports** by Consortia

- 1. EXPLANATION OF THE WORK CARRIED OUT AND OVERVIEW OF THE PROGRESS
(…) If applicable, for projects tagged as indicating the need for the integration of social sciences and humanities, please show the role of these disciplines in the project

-Key factors fostering progress to impact_Involvement of social sciences and humanities in the project

- Precise questions to be addressed in the **assessment report** by Project Officers and/or External Reviewers

- Is the project adequately integrating social sciences or/and humanities?
Yes/No/Partially/Not aplicable

- Assess if the project has adequately engaged in an effective integration of SSH such as outlined in the DoA. If only partially or not at all, does the project provide an acceptable justification and corrective measures?

What aspects can Social Sciences and Humanities (SSH) explore in a Cluster 1 proposal

1_Staying healthy in a rapidly changing society

Overall focus: Disease prevention, health promotion, healthy ageing, healthy behaviours.

How to integrate SSH:

- **Psychology and behavioural sciences**: Design of interventions to encourage healthier lifestyles (diet, exercise, alcohol/smoking cessation, mental well-being).
- **Sociology and anthropology**: Cultural and social barriers to prevention and health promotion.
- **Health economics**: Cost-effectiveness assessments of prevention programmes.
- **Participatory research**: Citizen engagement, co-creation methods with vulnerable populations.

Example: A study on physical activity uptake among older people that includes qualitative interviews to understand social and motivational barriers

2_Living and working in a health-promoting environment

Overall focus: Environmental health, impact of pollution, climate change, healthy cities, and workplaces.

How to integrate SSH:

- **Environmental law and public health policy:** Analysis of regulations and implementation barriers.
- **Human geography and urban planning:** Designing health-inclusive urban spaces.
- **Environmental economics:** Cost assessment of air/noise pollution on public health systems**.**
- **Risk communication:** Effective messaging on environmental risks.
- **Social perception studies:** Trust in institutions, local inequalities in exposure or response.

Example: Include political scientists to analyse why some cities implement health-oriented environmental policies and others do not.

What aspects can Social Sciences and Humanities (SSH) explore in a Cluster 1 proposal

3_Tackling diseases and reducing disease burden

Overall focus: Non-communicable and communicable diseases, rare diseases, mental health, cancer

How to integrate SSH:

- **Ethics and bioethics**: Informed consent, equity in access to new therapies, ethical issues in clinical trials.
- **Sociology**: Stigma and societal responses to certain conditions (e.g. HIV, mental illness).
- **Clinical psychology:** Treatment adherence, psychosocial support.
- **Health economics:** Long-term burden and costs of chronic conditions.
- **Medical anthropology:** Cultural beliefs about disease and healing.

Example: Create a dedicated Work Package on ethics and governance in a project on next-generation cancer therapies.

4_Ensuring access to innovative, sustainable and high-quality health care

Overall focus: Health system reform, equity, patient-centred care, digital and technological innovation in healthcare

How to integrate SSH:

- **Law:** Legal frameworks related to access, privacy, patients' rights.
- **Public policy:** Comparative analysis of healthcare models.
- **Health sociology:** Structural barriers to healthcare (gender, socio-economic status, migration).
- **Co-creation:** Involve patients and caregivers in designing services.
- **Innovation economics:** Financial impact and long-term sustainability of health innovations.

Example: Include a gender perspective to assess whether digital health tools are equally accessible to men and women

What aspects can Social Sciences and Humanities (SSH) explore in a Cluster 1 proposal

5_Unlocking the full potential of new tools, technologies and digital solutions for a healthy society

Overall focus: AI and digital health tools, diagnostics, personalised medicine.

How to integrate SSH:

- **Ethics of AI:** Autonomy, transparency, accountability.
- Trust and patient acceptance studies: Public perception of algorithm-based healthcare decisions.
- **Law and regulation:** Data protection, liability in digital health.
- **Digital inclusion and literacy:** Avoid digital health disparities.
- **Philosophy of science:** Reflection on the limits and risks of technological determinism.

Example: Include philosophers and legal experts to lead a WP on the ethical and legal implications of AI-driven diagnostics.

6_Maintaining an innovative, sustainable and globally competitive health-related industry

Overall focus: Supporting the European health industry (biotech, medical devices, pharma), fostering innovation, and global leadership.

How to integrate SSH:

- **Innovation economics:** Sustainable business models and public-private dynamics.
- **Labour market and societal impact:** New jobs, reskilling, and regional development.
- **IP and access policy:** Balancing intellectual property and equitable access.
- **Sociopolitical analysis:** Public perception of industrial strategies and partnerships.
- **Ethical regulation:** Conflicts of interest, patient involvement in industrial innovation.
- **Law:** Legal frameworks related to access, privacy, patients' rights.

Example: Involve political scientists and economists to analyse how public-private partnerships influence public trust.

Do not confuse SSH Integration with:

Multi-actor approach

- The multi-actor approach focuses on the specific involvement of various types of actors associated with a type of **reference chain** (such as researchers, healthcare professionals, patients, patient organisations farmers, public authorities and health policymakers, companies and SMEs in the health sector, Health insurance providers and mutual benefit societies, NGOs and civil society organisations, etc) over the entire spectrum and duration of project activities, to create a shared ownership (co-creation) of the (research or innovation) outcomes and maximise its acceptability.

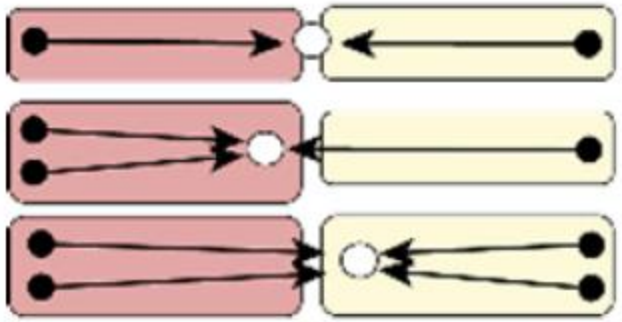
The multi-actor approach should not be confused with the multidisciplinary approach

Margot Bezzi. (2021). Ricerca e innovazione aperta, partecipativa e responsabile: un glossario. Zenodo.https://doi.org/10.5281/zenodo.4497847

Do not confuse SSH Integration with:

Stakeholder engagement

- Stakeholder engagement refers to the use of processes aimed at **involving different social actors** - bearers of different interests, different stakeholders - in activities of dialogue and exchange of ideas, in order to better understand and integrate the different perspectives, needs and interests at stake in a given solution.



Participatory

- Academic and non-academic participation
- Knowledge Exchange **without integration**

Margot Bezzi. (2021). Ricerca e innovazione aperta, partecipativa e responsabile: un glossario. Zenodo.https://doi.org/10.5281/zenodo.4497847

Do not confuse SSH Integration with:

Communication activities in the project

Context: a research project where STEM researchers are involved

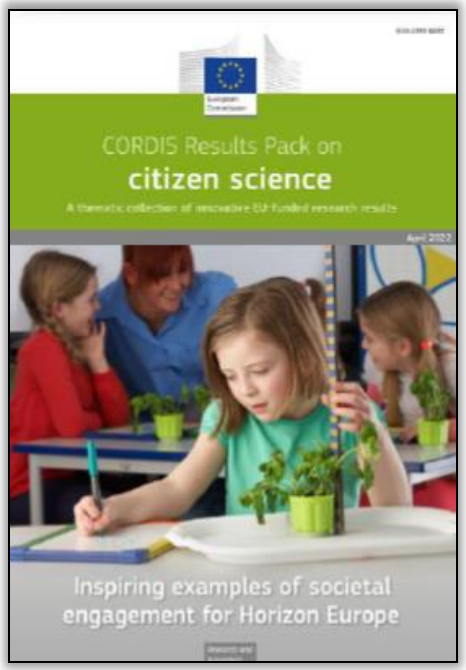
- If people with a background/education in social sciences is in charge of communication activities in the project (writing newsletters, blogs, etc.), it **is not** a case of SSH integration.

- If people with a education/specialization in social sciences (for example Communications/Media Studies) is **doing research on communication related behaviours**, **it is** a case of SSH integration

Do not confuse SSH Integration with:

Citizen science

- Citizen science is any activity that involves the public in scientific research, where **citizens collaborate with scientists**
- Through citizen science, all people can participate in **many stages of the scientific process**,
  - ✓from the design of the research question,
  - ✓to data collection and volunteer mapping, data interpretation and analysis,
  - ✓and to publication and dissemination of results.



- Citizen science is also an approach of scientific work that may be used as a part of a broader scientific activity.
- If the Scientists have a SSH or STEM specialization is pointless.

Do not confuse SSH Integration with:

Social Impact

Scientific impact

Promote scientific excellence, support the **creation and diffusion of high-quality new fundamental** and **applied knowledge**, skills, training and mobility of researchers, attract talent at all levels, and contribute to full engagement of Union's talent pool in actions supported under the Programme.

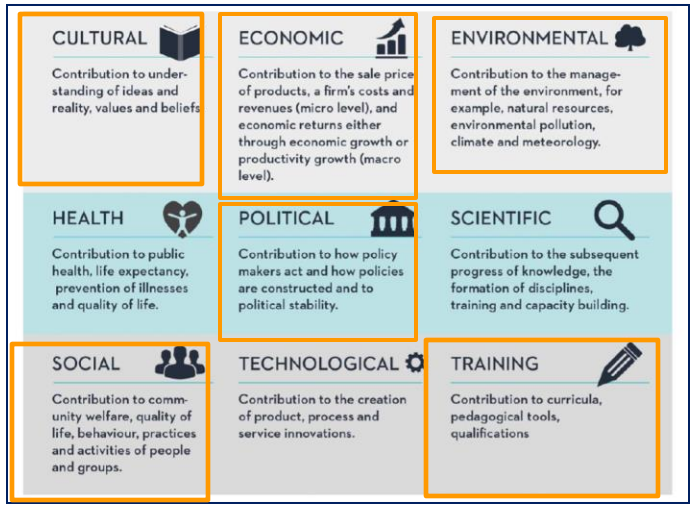
Societal impact

Generate knowledge, strengthen the impact of R&I in developing, supporting and **implementing Union policies**, and support the **uptake of innovative solutions in industry**, notably in SMEs, and society to address global challenges, inter alia the SDGs

Economic impact

Foster all forms of innovation, facilitate technological development, demonstration and **knowledge transfer**, and strengthen deployment of innovative solutions

Social Impact



Policy

- **Implementación, revisión o evaluación de políticas** para mejorar la eficiencia y eficacia de los servicios, productos y procesos públicos.
- **Decisiones presupuestarias y políticas basadas en evidencias**, cambios en la legislación, regulaciones, directrices o financiación.
- Revisión de los **planes de estudio**, en todos los niveles, basados en nuevos conocimientos.
- **Informes** encargados a departamentos y agencias gubernamentales.
- **Documentos informativos** sobre políticas, **manuales prácticos** y otro material gris producido para su difusión entre profesionales relevantes, responsables de políticas y organizaciones cívicas y de la sociedad civil.

Capacity Building_Training

- **Educación, formación y mejora de las competencias** de los trabajadores actuales y futuros de los servicios públicos e industriales y del mundo académico.
- Mayor pertinencia de los planes de estudio en todos los niveles.

Environmental

- Tecnologías o procesos nuevos o mejorados para **reducir la contaminación y/o el impacto de los contaminantes**.
- Mejorar la **conciencia y la comprensión del cambio climático y sus consecuencias y estimular el debate público.**
- Políticas ambientales basadas en evidencia.
- Mejor **gestión o conservación** de los recursos naturales.
- Mejor gestión de los riesgos o peligros ambientales.
- Mejores **servicios públicos o privados**.
- Mejora del **uso sostenible** de los recursos para sociedades resilientes

Social and Cultural

- Mayor valoración y/o diseño de servicios culturales como museos, galerías, bibliotecas.
- **Mayores oportunidades** para la creatividad, la autoexpresión y el desarrollo humano.
- Cambios de **actitud, educación y comprensión**.
- Estimulación o información del **debate público**.
- Mejor **calidad de vida** a través de un mejor acceso a los servicios.
- Planes de **desarrollo y regeneración** locales, regionales o nacionales.
- Mejor **desempeño humano** debido a tecnologías o procesos nuevos o modificados.

Economic impact

- Creación de **nuevos productos, licencias o servicios** o ampliación de los mismos.
- Registro de **empresas emergentes o derivadas.**
- **Creación o aumento de empleo**.
- Uso **más eficiente** de los **recursos públicos**.
- **Mayor generación de ingresos**.
- Reducción de **despidos y costes**.
- Aprovechamiento de financiación nacional e internacional.

Additional Readiness Levels

You may wish to consider **Societal Readiness Levels also**,i.e. how mature is a solution/finding so that to be integrated into society:

- ***SRL 1*** *– identifying problem and identifying societal readiness*
- ***SRL 2*** *– formulation of problem, proposed solution(s) and potential mpact, expected societal readiness; identifying relevant stakeholders for the project.*
- ***SRL 3*** *– initial testing of proposed solution(s) together with relevant stakeholders*
- ***SRL 4*** *– problem validated through pilot testing in relevant environment to substantiate proposed impact and societal readiness*
- ***SRL 5*** *– proposed solution(s) validated, now by relevant stakeholders in the area*
- ***SRL 6*** *– solution(s) demonstrated in relevant environment and in co-operation with relevant stakeholders to gain initial feedback on potential impact*
- ***SRL 7*** *– refinement of project and/or solution and, if needed, retesting in relevant environment with relevant stakeholders*
- ***SRL 8*** *– proposed solution(s) as well as a plan for societal adaptation complete and qualified*
- ***SRL 9*** *– actual project solution(s) proven in relevant environment*

Possibly applicable in Social Sciences and Humanities (SHH)

LinK. https://innovationsfonden.dk/sites/default/files/2019-03/societal_readiness_levels_-_srl.pdf

Gender dimension

GENDER SENSITITIVE RESEARCH: in this research, the gender scale **is not the core** of the project but it needs to be taken into account throughout its cycle, from concept to implementation.

- For example, a project collecting data about patients, youngsters, adults, students, workers, should **collect data by gender** to assess if the output of the project has a different impact on female or male individuals.

- Does the project need SSH researchers to analyse the differences between the 2 or more groups?

  ✓If yes, it is SSH integration
  ✓If not, it is not SSH integration

GENDER-SPECIFIC RESEARCH: a project where «gender» **is the core** of the research.

- For example: **HORIZON-CL3-2024-FCT-01-04: Radicalisation and Gender:** Improved understanding of **women and girls** motivation for the support of extremist ideologies, including grievances and stigmatisation elements.

- Does the project need collaboration among STEM and SSH researchers?

  ✓If yes, it is SSH integration
  ✓If not, it is not SSH integration

Gender Dimension corresponds to SSH Integration only if the gender issue is a content of the research activity and if it requires the collaboration between STEM and SSH researchers

SSH INTEGRATION

(Content, Methodology, Expertise and Team)

The cross-cutting issues of Horizon Europe do not imply the integration of SSH per se, but they can facilitate and enhance this integration in many cases.

- **Multi-actor approach**
- **Stakeholder engagement**
- **Communication activities in the project**
- **Citizen Science**
- **Social Impact**
- **Gender dimension**
- **…**

Development of a mental health app for adolescents

❖ **SSH disciplines**: Psychology, sociology, ethics, anthropology.

❖ **Role in the project:**

- Psychologists design content adapted to adolescent development stages.
- Sociologists analyse social and cultural factors (mobile use, peer relationships).
- Ethics experts evaluate risks related to sensitive data and consent mechanisms.

❖ **Types of activities**:

- Qualitative studies (focus groups with adolescents and families).
- Co-design workshops.
- Legal and ethical assessment of the app.

Clinical trial for a new cancer therapy

❖ **SSH disciplines**: Bioethics, law, health economics, social work.

❖ **Role in the project**:

- Bioethicists design informed consent protocols tailored to vulnerable patients.
- Legal experts analyse frameworks for using genetic data.
- Economists evaluate the cost-effectiveness of the new therapy.
- Social workers support patient recruitment and follow-up.

❖ **Types of activities**:

- Dedicated Work Package on “ethical, legal and societal implications” (ELSI).
- Social and economic impact indicators.
- Patient engagement workshops.

AI-based diagnostic platform

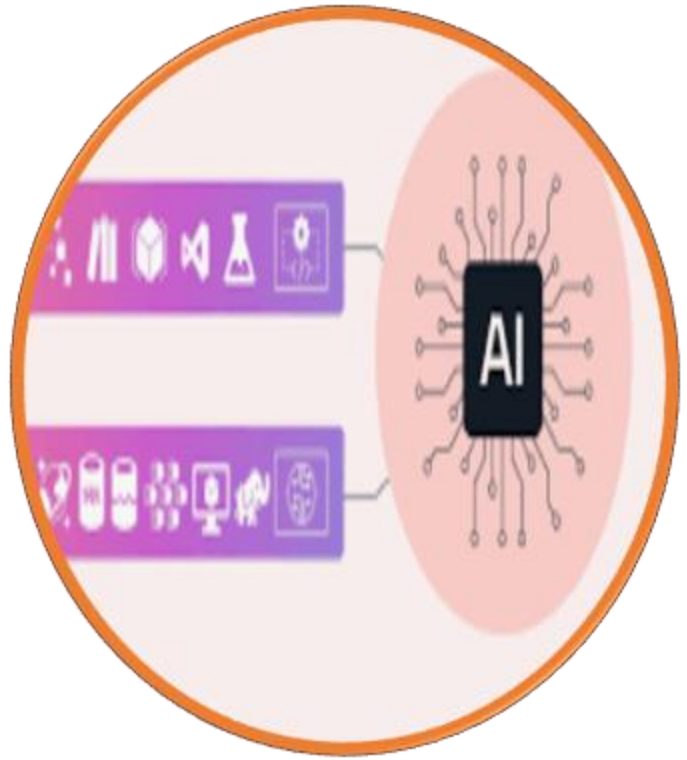
❖ **SSH disciplines**: Philosophy, ethics, sociology, law, communication.

❖ **Role in the project**:

- Philosophers and ethicists analyse dilemmas in AI-based clinical decision-making.
- Legal experts explore liability and data protection frameworks.
- Sociologists assess acceptance by healthcare professionals and patients.
- Communication experts build strategies to enhance public trust.

❖ **Types of activities**:

- Interviews with doctors and patients.
- Ethical guidelines and recommendations.
- Policy briefings for health authorities.



Prevention programme for Alzheimer's based on lifestyle changes

❖ **SSH disciplines**: Psychology, anthropology, economics, communication.

❖ **Role in the project**:

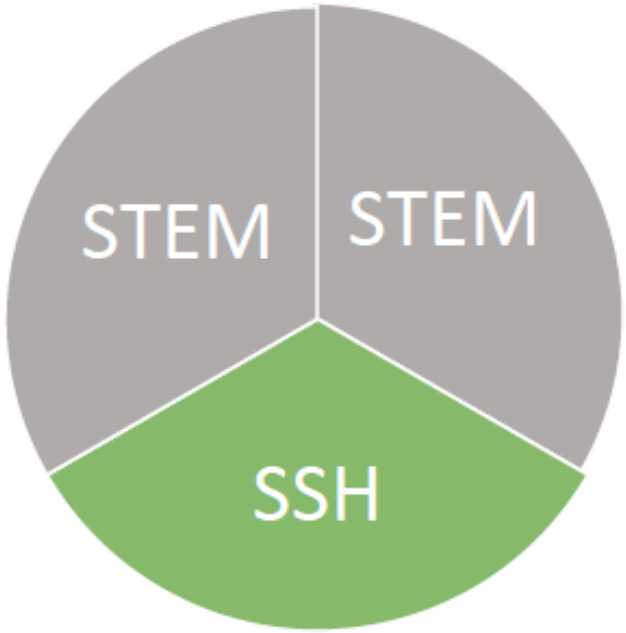
- Psychologists design behavioural change strategies for older adults.
- Anthropologists explore cultural perceptions and barriers.
- Economists estimate the public health return of prevention efforts.
- Communication experts tailor messaging for different literacy levels.

❖ **Types of activities**:

- Community-based pilots with participatory approaches.
- Follow-up surveys.
- Social and economic impact evaluation.

To summarise

- SSH Integration is about the **content** of the research
- SSH intergration is about the **team** made of SSH researchers and STEM researchers
- SSH is about the **collaborations** between SSH researchers and STEM researchers



Some practical tips

- SSH should be involved **since the beginning,** including the concept phase of the proposal through (ideally) a **co-creation process**

    - A joint topic analysis/ reading
    - Definition of **research questions integrating both STEM and SSH perspective**

- Project **objectives** and results should **reflect and integrate** also the SSH perspective (eg. social and cultural perspectives)_**SSH tasks and deliverables must be integrated in the work plan.**

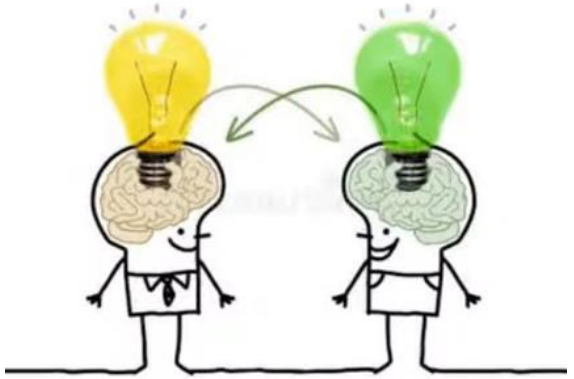
- **Integrating** SSH methodological knowledge (e.g. conduct and analyse interviews; narrative approach; case studies; participants obsdervation; focus groups, etc)

- Reasonable **balance of experts and contributions** from SSH and STEM disciplines

    - Clearly defined roles.
    - SSH experts/researchers should be involved **transversally** into the proposal
    - Set of tasks across work packages associated with the R&I work (Avoid SSH work Package isolated from the rest of the project)

Some practical tips

- **Foresee** strategy to build on **relationships** and to handle **possible difficulties** of interaction and Communication between SSH and STEM researchers
    - Tailor-made strategies/tools to managing the interdisciplinary/multidisciplinary team
    - Frequent face-to-face Meeting/networking events



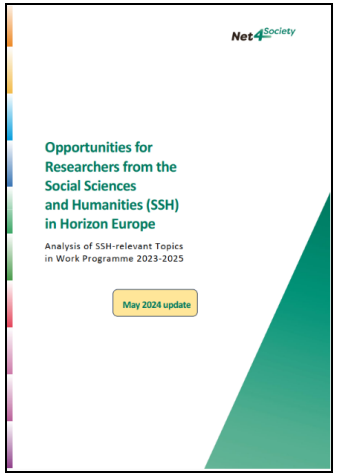
- **Plan suficient & reasonable resources** for SSH partners, tasks & planned activities
- **Joint publications: Include SSH researchers as co-authors on project outputs**
- Demonstrate the **added value *of SSH for Societal Impact***

Explicitly indicate the inclusion of SSH disciplines and experts; do not assume it is understood: For example, include a sentence such as: "*This project is fully multidisciplinary and includes disciplines and experts in physics, engineering, and biology, together with SSH disciplines such as economics and sociology. This collaborative effort is essential for developing the work, achieving the expected results, and maximizing impact*"

Based on this statement, the argument for this multidisciplinary approach can be made.

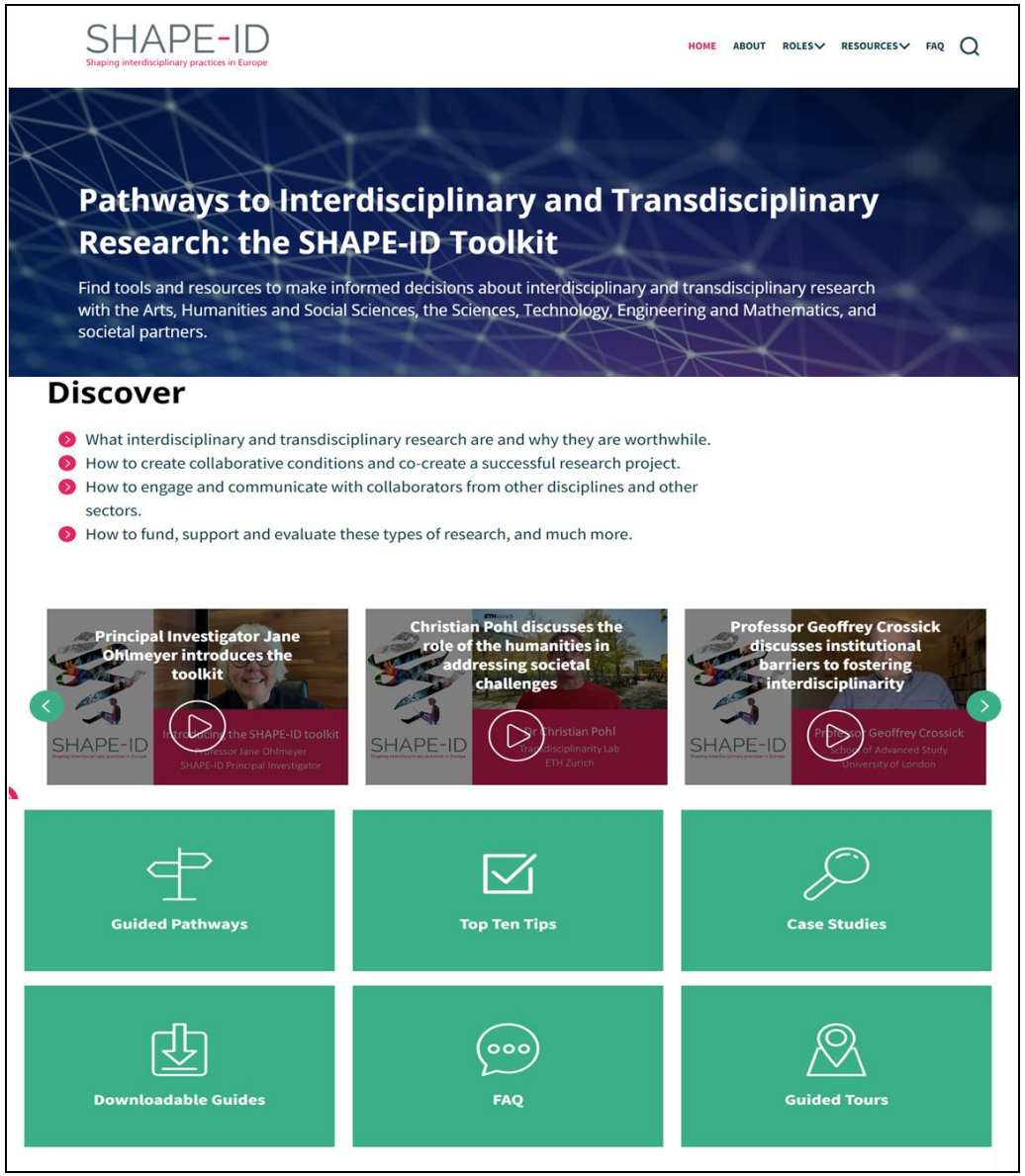
Some useful instruments

- Net4Society Partner Search Tool _SSH Experts (link)
- Success Stories in SSH-STEM collaboration (link)
- Net4Society Opportunities document (link)
- Specific SSH Monitoring reports. H2020 SSH-flagged topics from 2014 until 2020 **(link)**



- SHAPE-ID Toolkit (link)

The SHAPE-ID toolkit was developed by the SHAPE-ID project, a Coordination and Support Action funded by the European Commission under the Horizon 2020 Framework Programme. The aim of the project was to review **understandings and best practice of doing and supporting interdisciplinary and transdisciplinary research** (IDR/TDR) involving **Arts, Humanities and Social Sciences** (AHSS) disciplines alongside societal partners and researchers from the **Sciences, Technology, Engineering and Mathematics (STEM)** disciplines. This toolkit aims to provide guidance for policymakers, funders, research performing organisations, researchers and research partners to help make better decisions and promote change in policymaking, funding and educational institutions.



- Cluster 2 NCP Network (link)

Puntos Nacionales de Contacto Cluster 2

Cultura, Creatividad y Sociedad Inclusiva

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thanks
Dank
merciBeaucoup
grazas
grazieMille
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