

# SOCIAL & POLITICAL IMPACT ASSESSMENT BASED ON RESEARCH



HORIZON 2020

The text 'HORIZON 2020' is displayed in a large, white, sans-serif font against a blue background. A globe is positioned between the 'O' and 'N' of 'HORIZON', and the '2020' is to the right.



EUROPEAN  
COMMISSION

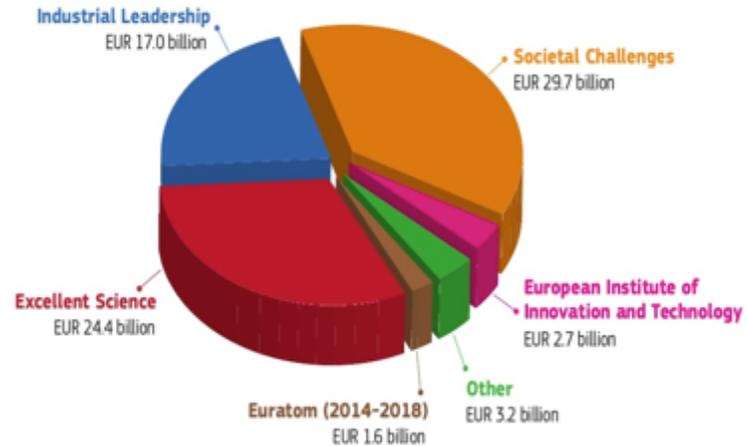


**IMPACT-EV**  
**Evaluating the impact and**  
**outcomes of European SSH**  
**research (2014-2017)**

# HORIZON 2020

## SCIENTIFIC IMPACT POLICY IMPACT SOCIAL IMPACT

HORIZON 2020 BUDGET (in current prices)

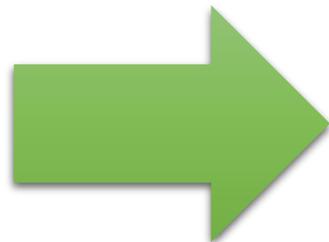




# EUROPE 2020 STRATEGY

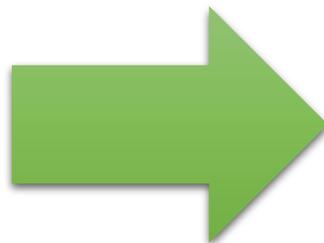
## Europe 2020: A strategy for smart, sustainable and inclusive growth

### General goal



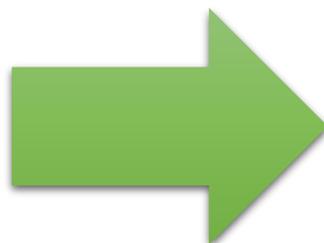
To achieve from the EU a smart move beyond the crisis... and to favour growth in order to reduce the distance with the USA and to maintain the competitive advantages

### Targets



- 1) **75% of employment**
- 2) **3% of the GDP to be invested in R&D**
- 3) **20/20/20 climate package**
- 4) **Improve education (<10% early school leaving, >40% completing third level education)**
- 5) **20 million fewer people at risk of poverty**

### Priorities



- Smart growth
- Sustainable growth
- Inclusive growth

# European Commission



## EUROPE 2020



# DG Research and Innovation



## HORIZON 2020



***Research and innovation have therefore been placed at the centre of the Europe 2020 strategy to promote smart, sustainable and inclusive growth*** (p. 2)

# Distinguish:

- a) Scientific Publications
- b) Dissemination
- c) Transference
- d) Social Impact

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a) Scientific Publications

b) Dissemination

c) Transference

d) Social Impact



Subject Areas

Publish

At

OPEN ACCESS PEER-REVIEWED

RESEARCH ARTICLE

# Learning by Heart: Cultural Patterns in the Faunal Processing Sequence during the Middle Pleistocene

# Distinguish:

- a) Scientific Publications
- b) Dissemination
- c) Transference
- d) Social Impact

# OPINIÓN

EDITORIALES TRIBUNAS COLUMNAS ANÁLISIS BLOGS VIÑETAS DEFENSOR D

▶ TEMAS DEL DÍA ▶ El Barça, campeón de Liga ▶ El Madrid conquista la Euroliga ▶ Encuesta

EL ACENTO

## El tesoro de Atapuerca

Con los últimos descubrimientos presentados esta semana, la Sima de los Huesos se confirma como el mayor tesoro paleoantropológico del mundo



TWEETS  
13,3K

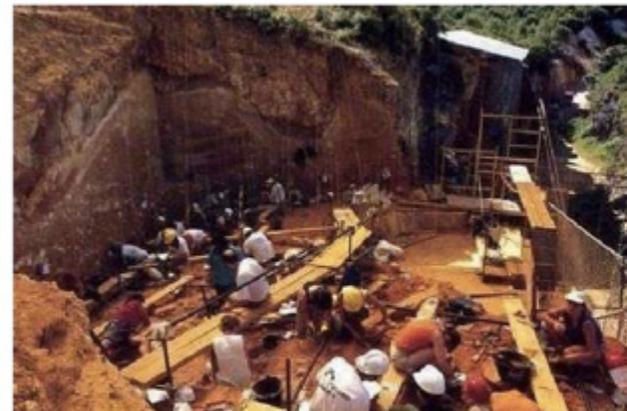
SIGUIENDO  
4.981

SEGUIDORES  
11,5K

FAVORITOS  
8.547

LISTAS  
6

### ATAPUERCA: LA WIKIPEDIA DE LA PREHISTORIA



Navigation icons: back, forward, heart, download, 1 of 15, share

Atapuerca: la wikipedia de la Prehistoria

9,797 vistas



# Distinguish:

- a) Scientific Publications
- b) Dissemination
- c) Transference
- d) Social Impact

# Transference

Transference takes place when policy makers, companies, NGOs, or citizens use our research results to plan and carry out their interventions.

## PATRONOS

Diario de Burgos

Fundación Caja de Burgos

Cerveza San Miguel

Fundación Cajacírculo

Fundación Iberdrola

Fundación Eulen-David Álvarez

Fundación Repsol

Junta de Castilla y León

Diputación Provincial de Burgos

Cámara de Comercio e Industria de Burgos

Ayuntamiento de Burgos

Ayuntamiento de Atapuerca

Ayuntamiento de Ibeas de Juarros

Ministerio de Ciencia e Innovación. Consejo Superior de Investigaciones Científicas, CSIC

Universidad de Burgos, UBU

Universidad Complutense de Madrid, UCM

Universitat Rovira i Virgili de Tarragona, URV

Centro Nacional de Investigación sobre la Evolución Humana, CENIEH

### Origen

La Fundación Atapuerca es una entidad sin ánimo de lucro con sede en la localidad burgalesa de Ibeas de Juarros, a 3 km de los yacimientos de la sierra de Atapuerca.



# Transference

One of the dimensions of transference is **Political Impact**, that is when policies (or programs) are based on our research results.

## POLICY IMPACT FACTOR

### Type of impact

POLICY IMPACT FACTOR	
Type of impact	Weight assigned
Policies	5
Level	Weight assigned
International/European	20
National	15
Regional	10
Local	5
Number of policies	Weight assigned
1 to 3 policies	1
4 to 5 policies	2
More than 5 policies	3

Type of impact	Weight assigned
Programmes developed by organizations	3
Level	Weight assigned
International/European	20
National	15
Regional	10
Local	5
Number of programmes	Weight assigned
1 to 3 programmes	1
4 to 5 programmes	2
More than 5 programmes	3

Type of impact	Weight assigned
Forums	1
Level	Weight assigned
International/European	20
National	15
Regional	10
Local	5
Number of forums	Weight assigned
1 to 3 forums	1
4 to 5 forums	2
More than 5 forums	3

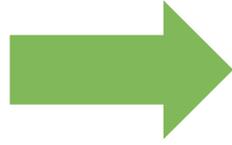
# Distinguish:

- a) Scientific Publications
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# Social Impact

Problem related to transference: many policy makers and citizens argue that sometimes when they implement the evidences provided by researchers, they get worse social results.

**There is social impact when transference serves to achieve better social results.**



## The European Commission is requesting us:

1. Criteria and quantification of social impact of projects from all scientific areas (for ex ante & ex-post evaluation)
2. To explain the evaluators how to use these criteria
3. The ex-post evaluation of all SSH projects of the PF7 (2007-2013) and last call FP6 (2006).
- 4. The creation of an open repository on research social impact: SIOR**



Social Impact Open Repository

SOCIAL IMPACT OPEN REPOSITORY

<http://www.ub.edu/sior/sior.php>

[sior@ub.edu](mailto:sior@ub.edu)

**SIOR is an open source repository to store evidence of social impact.**

Any researcher or research group around the world can freely **upload** evidence of their research social impact through registering to SIOR with an ORCID id.

Any institution or citizen around the world can freely see the evidences of the studies, researchers and research groups with social impact factor through registering to SIOR with an ORCID id.

<http://www.ub.edu/sior/index.php>

# Why **SIOR** ?

To respond to the **open demand of measurable parameters of social improvements** generated by scientific projects, promoting **a necessary alternative** to the stagnation of scientific results and **enabling real social impact.**



## Restoring Restoring Fukushima

📅 From 2011-03-01 to 2015-03-01

🌐 <http://www.u-tokyo.ac.jp/en/utokyo-research/feature-stories/restoring-fukushima/>

📊 Score: 10

This is the provisional score according to the available data

### Strict control of agricultural products after nuclear disaster. Decontamination with agricultural procedures.

#### The proportion of rice with radiocesium concentrations dropped significantly from 2011 to 2013

##### **Evidence:**

The contamination decreased after the inspection of radiocesium concentration levels in rice, using custom-made belt conveyor testers, within the prefecture compared to other agricultural products, since rice is the main staple food of the Japanese diet. The proportion of rice with radiocesium concentrations exceeding 100 Bq/kg was 0.8% in 2011 and dropped to a mere 0.0007% (71 bags out of the total 10,338,000) and 0.0003% (28 bags out of the total 11,001,000) in 2012 and in 2013, respectively.

**Published evidence:** Official report (external form research team)

Naoto Nihei, Keitaro Tanoi and Tomoko M. Nakanishi, "Inspections of radiocesium concentration levels in rice from Fukushima

#### Social share



#### Social Impact Open Repository

SIOR is a new digital repository to display, cite and store the social impact of research results. SIOR is the first open registry on social impact, connecting research outputs to social improvements. Within SIOR, researchers or research institutions describe the social impact of their scientific work and provide the evidence of this impact (i.e. institutional report, publication, legislation, website, dataset, press release, etc.).

[Read more](#)

[Upload Social Impact](#)

#### What is Social Impact?

Social impact are the social improvements



## WIEGO Women in Informal Employment: Globalizing and Organizing

From 0000-00-00 to 0000-00-00

<http://wiego.org/>

Score: 10

This is the provisional score according to the available data

### Home-Based Workers

#### **Evidence:**

One of the intended results of the project was the improved legal status of informal workers in Thailand. HomeNet Thailand successfully campaigned for the enactment of a national law protecting homeworkers, ratified in 2010. The law provides for protection of wages – including equal pay for men and women doing the same job – as well as occupational health and safety and responsibilities of employers toward homeworkers. It also establishes a Committee for the Protection of Homeworkers on which both men and women will serve, ensuring women have a role in decision making. Between 500,000 and 2 million workers are affected by this legislation.

**Published evidence:** *Media coverage*

<http://wiego.org/wee/home-based-workers>

#### Social share



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[Read more](#)

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### **What is Social Impact?**

Social impact are the social improvements

# SOCIAL IMPACT CRITERIA

- **Connection** to **United Nations Millennium Goals, EU2020** target or other **similar official targets**
- **Percentage of improvement achieved** in relation to the starting situation.
- **Transferability of the impact**, the actions developed based on the project's findings have been transferred to other contexts besides the original one
- **Publication in scientific journals** (with a recognized impact), governmental or non-governmental official bodies, and
- **Sustainability**, the impact achieved by the action developed based on the project's findings has showed to be sustainable throughout time

# SOCIAL IMPACT CRITERIA

- **Connection** to **United Nations Millennium Goals, EU2020** target or other **similar official targets**
- **Percentage of improvement achieved** in relation to the starting situation.

Score	Criteria
10	30% of improvement
9	20-29% of improvement
8	10-19% of improvement
7	Some improvement

# SOCIAL IMPACT CRITERIA

- In this repository **only the researchers and studies that have had social impact** appear.
- Even if their **value is 1 it means a good result**, because many others do not even achieve enough social impact to be in this repository.

**Example:** This situation is similar to journal rankings; for instance, to be in the 4th quartile in JCR means to have a scientific impact that most journals do not reach.

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<http://www.ub.edu/sior/sior.php>

**SIOR**

Social Impact Open Repository

