

# Assessing social impact: challenges and possibilities

Marta Soler-Gallart, CREA Community of Research  
University of Barcelona

<http://crea.ub.edu>

<http://sior.ub.edu>



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المجلس الأعلى للتربية والتكوين والبحث العلمي  
Conseil Supérieur de l'Éducation, de la Formation et de la Recherche Scientifique

الهيئة الوطنية لتقييم منظومة التربية والتكوين والبحث العلمي  
Instance Nationale d'Évaluation du Système d'Éducation, de Formation et de Recherche Scientifique

**International Symposium**  
**Research Evaluation: Issues, methods and tools**  
**Rabat, December 6th and 7th 2017**

1) Scientific, Political and Social impacts of research

2) Why Social Impact?

3) Evaluation: Social Impact Open Repository

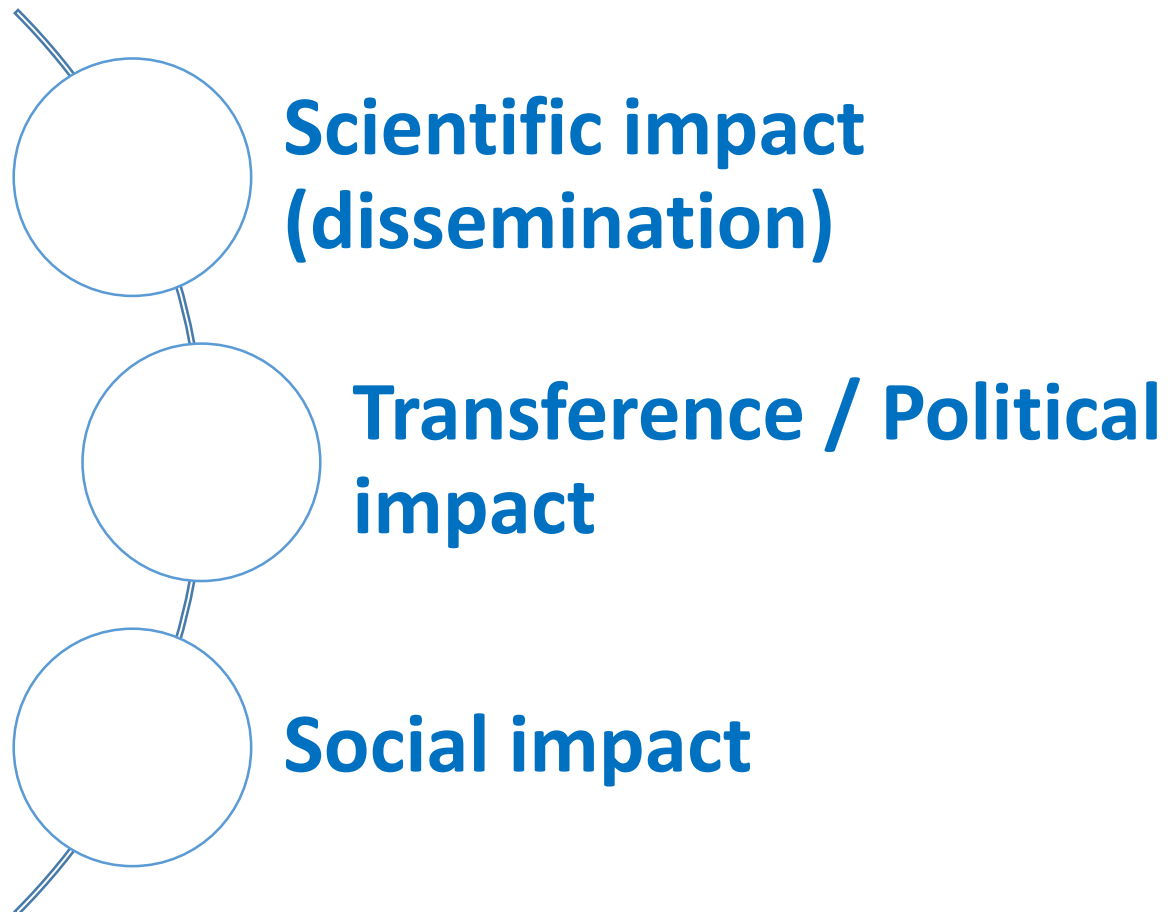
4) Social Impact and Open Knowledge

1) Scientific, Political and Social impacts of research

2) Why Social Impact?

3) Evaluation: Social Impact Open Repository

4) Social Impact and Open Knowledge



When the scientific community (peers), but also institutions, NGOs and citizens and large get to **know the research results**.

When policy makers, institutions, companies and citizens at large **use the research results** to plan their interventions (or develop products).

When there is **evidence of social improvements** experienced by individuals and society (according to societal objectives) **resulting from the transference of the research results**.

1) Scientific, Political and Social impacts of research

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4) Social Impact and Open Knowledge



## Science must prepare for impact

To maintain public support, researchers need to be able to adapt to the

What politicians and society expect from science is changing rapidly, and science must change with it, or risk losing public support. Academics and leaders of the scientific community must realize that the system is failing to prepare researchers to meet wider society's requirements.

rapidly, and science must change with it, or risk losing public support. Academics and leaders of the scientific community must realize that the system is failing to prepare researchers to meet wider society's requirements.

- [Grant giving: Global funders to focus on interdisciplinarity](#)
- [UK releases world's](#)

# Science Against Poverty Conference

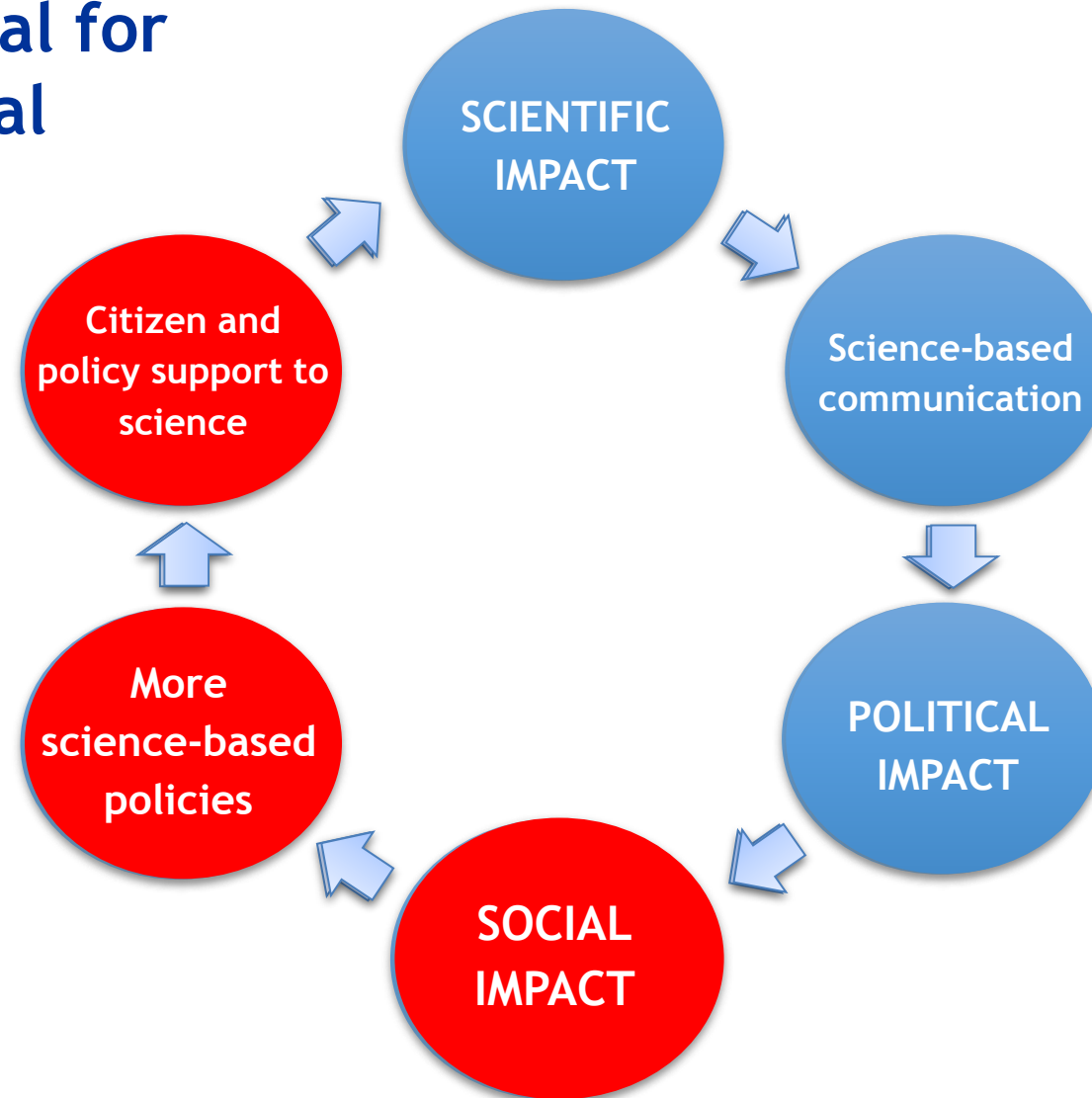
8th-9th of April 2010, La Granja, Segovia



**Federico Mayor Zaragoza (Former Director General UNESCO):**

*I will not go to another Conference where they present diagnoses of poverty, because the best diagnosis is autopsy, but it comes too late. We need solutions based on scientific evidence and we need them now.*

# Social impact is crucial for the social and political support to science







The main objective of IMPACT-EV is to **develop a permanent system of selection, monitoring and evaluation of the various impacts of Social Sciences and the Humanities research.** IMPACT-EV will not only develop **indicators and standards** for evaluating scientific impact of SSH research but especially, for evaluating their **policy and social impact**



## Impact evaluation (last call FP6, FP7) Ex-post evaluation FP7, SSH



- On-line questionnaire, 473 SSH projects in FP6, FP7, HERA, NORFACE and ERC-Ideas
- Analysis of CORDA data
- Analysis of 162 SESAM reports from FP7 projects
- 26 interviews with main researchers
- 15 interviews with Officers from DG Research
- Bibliometric analysis of a projects' sample
- Webometric analysis of FP6 and FP7 projects

## Case studies on Successful and Non successful FP7 SSH projects

- 14 Top Success and 8 Non successful projects
- Interviews to researchers, policy makers, stakeholders, and end users
- Analysis of documents

## Comparative policy analysis of SSH National Evaluation Frameworks



- 12 case studies of European member states and Australia, US, Brazil
- 102 interviews with representatives of national agencies (i.e. NSF, HEFCE, ANR, CNPq etc.) and stakeholders



## Interim evaluation H2020, Challenge 6

- Analysis of CORDA data
- On-line questionnaire (on steps done and planned to achieve social impact)
- Analysis of policy and H2020 documents



## Development of impact indicators

- Integrative panels: scientific, political and social impacts
- Delphi panel on political impact
- Piloting on selection, monitoring and evaluation of SSH research in National Agencies (foreseen)

## **A review of literature on evaluating the scientific, social and political impact of social sciences and humanities research**

**Emanuela Reale<sup>1,\*</sup>, Dragana Avramov<sup>2</sup>, Kubra Canhial<sup>3</sup>,  
Claire Donovan<sup>4</sup>, Ramon Flecha<sup>5</sup>, Poul Holm<sup>6</sup>, Charles Larkin<sup>6</sup>,  
Benedetto Lepori<sup>3</sup>, Judith Mosoni-Fried<sup>7</sup>, Esther Oliver<sup>4</sup>,  
Emilia Primeri<sup>1</sup>, Lidia Puigvert<sup>4</sup>, Andrea Scharnhorst<sup>8</sup>,  
Andrà Schubert<sup>7</sup>, Marta Soler<sup>4</sup>, Sàndor Soòs<sup>7</sup>, Teresa Sordé<sup>9</sup>,  
Charles Travis<sup>5</sup> and René Van Horik<sup>8</sup>**

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<sup>4</sup>College of Health and Life Sciences, Brunel University London, Kingston Lane, Uxbridge UB8 3PH, UK,

<sup>5</sup>University of Barcelona, Gran Via de les Corts Catalanes, 585, 08007 Barcelona, Spain, <sup>6</sup>School of Histories and

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and Information Centre of the Hungarian Academy of Sciences (MTA KIK-TTO), Arany János u. 1, H-1051

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(DANS-KNAW), Anna van Saksenlaan 51, 2593 HW Den Haag, The Netherlands and <sup>9</sup>Autonomous University of

Barcelona, Campus de la UAB, Plaça Cívica, s/n, 08193 Bellaterra, Barcelona, Spain

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### **Abstract**

Recently, the need to contribute to the evaluation of the scientific, social, and political impact of Social Sciences and Humanities (SSH) research has become a demand of policy makers and society. The international scientific community has made significant advances that have transformed the impact of evaluation landscape. This article reviews the existing scientific knowledge on evaluation tools and techniques that are applied to assess the scientific impact of SSH research by the changing structure of

1) Scientific, Political and Social impacts of research

2) Why Social Impact?

3) Evaluation: Social Impact Open Repository

4) Social Impact and Open Knowledge

## Register of Commission expert groups and other similar entities

[Subscribe to this group](#)

### Type A - Individual expert appointed

Name	Nationality
<a href="#">AUGUSTYN Anna Maria</a>	Poland
<a href="#">CHEVAL Sorin</a>	Romania
<a href="#">DE GENNARO Michele</a>	Italy
<a href="#">FLECHA José Ramón</a> <b>Chair</b>	Spain
<a href="#">KODRATENKO Irena</a>	Belgium
<a href="#">MAIMETS Toivo</a>	Estonia
<a href="#">MOHLER Christine</a>	Germany
<a href="#">PALAT Milan</a>	Czech Republic
<a href="#">PASKALEVA Krassimira</a>	Bulgaria
<a href="#">PEJIC BACH Mirjana</a>	Hungary
<a href="#">PLESCAN Angela Christina</a>	Romania
<a href="#">RADAUER Alfred</a>	Austria
<a href="#">SORENSEN Karen Hanghoj</a>	Denmark
<a href="#">SOUTHWOOD David</a>	United Kingdom
<a href="#">VALTA Katerina</a>	Greece
<a href="#">VAN DEN BESSELAAR Peter</a>	Netherlands
<a href="#">WIDERA Barbara</a>	Poland

#### Details

#### Additional Information

#### Subgroups

#### Statistics

#### Members

**Name:** Expert group on evaluation methodologies for the interim and ex-post evaluations of Horizon 2020 (E03426)

**Active**

**Abbreviation:** EG METHO

**Policy Area:** Research and Innovation

**Lead DG:** RTD - DG Research and Innovation

**Type:** Formal, Permanent

**Scope:** Limited

**Mission:** The Expert Group on the Evaluation of Social Impacts of EU Framework Programmes will identify, adapt and/or develop methodologies for the assessment of the social impacts since FP4 until now using a portfolio analysis.

**Task:** Assist the Commission in the preparation of legislative proposals and policy initiatives

**Composition:** Environment, Space and Satellites (research), Agriculture, Statistics, Climate, Other (Big data, evaluation, Social assessment, Private consumer engagement and Energy, Energy, Data analysis and transport, Micro, macro-migration, labour market, ICT, creative industries, SMEs, Raw materials, IT and health, Impacts and micro-steal, Data mining, resource efficiency, Exports and competitiveness)

**Publication in RegExp:** 24 May 2016

**Creating Act:** Commission Decision C(2016)1349 - 9 March 2016

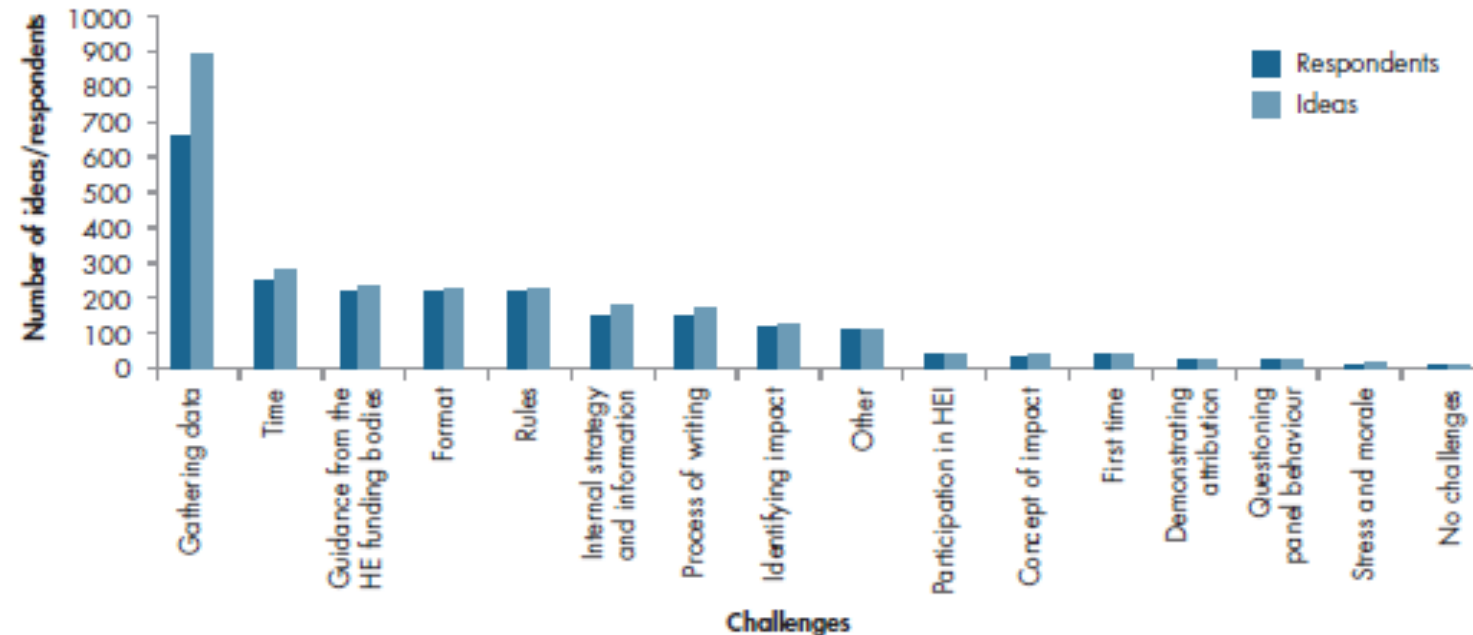
**Link to Website:** <http://ec.europa.eu/programmes/horizon2020/en/>

**Last updated:** 01 Jul 2016

# Social impact assessment challenge: Data

*the basic principle is that peer review lies at the heart of the evaluation process, but that peer review needs to be informed by whatever data is available and useful (Interview, responsible at HEFCE, UK)*

Figure 3-2: Challenges Identified by survey respondents in developing impact case studies (above) and impact templates (below)



REF  
2014



# Social Impact Open Repository

Responds 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**.

**Non-profit initiative** launched by the IMPACT-EV consortium (EU)

<http://sior.ub.edu>







*The open repository scores research on metrics such as **social improvement, transferability to diverse populations or social contexts, and sustainability.** SIOR data are also used to back research proposals. Nature, 528, 193 (Dec 2015)*

Ramon Flecha, Marta Soler-Gallart & Teresa Sordé



# SOCIAL IMPACT CRITERIA

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

# Example:

Sior



## Arsuaga's Notebook

- [¿CRUCES ENTRE ANTIGUAS ESTIRPES...](#)
- [PHILLIP V. TOBIAS \(14 DE OCTUBRE DE...](#)
- [DOS MUNDOS, DOS HISTORIAS](#)
- [MORRIS GOODMAN, EL CIENTÍFICO...](#)

## News



Oldest hominin DNA sequenced Max Planck researchers sequence the

## • Creation of employment and economic growth



### Museum of Human Evolution:

- 500.000 visitors
- More than 1130 new jobs
- Economic impact: 53 million €

### Development of industrial and ICT sector:



### Creation of new Companies :

SCHOLA ACTIVA SIERRA DE ATAPUERCA SL

MNEMOSFERA SL.



### Economic impact in the region:





# Atapuerca project

 From 1995-01-01 to -

 Website

 Score: 10

This is the provisional score according to the available data

- Project Impacts
- Targets Oriented
- Research Team
- Project Description

## Creation of employment, economic growth and cultural development in the region

### 1. Creation of employment

#### Evidence:

1130 Jobs

Creation of 11 workplaces in different categories at Universitat Rovira i Virgili (Tarragona, Spain) between 1995 and 2004 (10 of them were new creations with permanent contracts linked to the project).

3 years Predoctoral Grants provided by Atapuerca Foundation during 2000-2004.

Source: Official report (external from research team)

<http://www.jcyl.es/jcyl/patrimoniocultural/atapuerca/DocumentosQueAcompanan.pdf>

### 2. Creation of intangible cultural happiness

#### Evidence:

Around 815.700 visitors

The attractiveness of Atapuerca connects directly to the meaning that visitors attribute to humanity and its origins. The intergenerational groups (like families) have an incredible opportunity to talk and transmit to the youngest important issues like the relations between sciences, religions and ideologies.

Source: Official report (external from research team)

<http://www.jcyl.es/jcyl/patrimoniocultural/atapuerca/DocumentosQueAcompanan.pdf>

## Tweets by @SIORRepository

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@SIORRepository

François Englert, Nobel Prize in Physics will be Keynote Speaker at #SIS2016 in #Barcelona  
[socialimpactsience.org/sis2016/](http://socialimpactsience.org/sis2016/) @NobelPrize

 SIOR Retweeted

 Rocio García Carrión  
@RocioCarrión81

Prof @PaulineMRose presents @REAL\_Centre at CamERA 2016 conference @CambridgeEdFac  
Ensuring Impact! @SIORRepository



 SIOR Retweeted

 IMPACT-EV  
@IMPACT\_EV

Nobel Prizes Ada Yonath and Harald zur Hausen, speakers on Social Impact of Science #SIS2016  
[socialimpactsience.org/sis2016/](http://socialimpactsience.org/sis2016/)

 SIOR  
@SIORRepository

Call for #SIS16 abstracts, symposium and brown-bag seminar open until May, 2nd. Submit your proposal today! [socialimpactsience.org/sis2016/](http://socialimpactsience.org/sis2016/)



SOCIAL IMPACT OPEN REPOSITORY

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

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



Graduate School of Agricultural and Life Sciences, The University of Tokyo

Department of Applied Biological Chemistry / Department of Biotechnology

## RESTORING FUKUSHIMA PROJECT

University of Tokyo

### 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, for which custom-made belt conveyor testers were used, within the prefecture compared to other agricultural products, since rice is the main basic 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.

**Source:** Official report (external from research team)

<http://www.nature.com/srep/2015/150303/srep08653/full/srep08653.html>

**Source:** Book publication

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





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sior@ub.edu



**INCLUSIVE CITIES PROJECT**  
Harvard Kennedy School

# Reducing urban poverty from the organizational capacities of the working poor

## Inclusive Waste Management

### *Evidence:*

Integrating Waste Pickers into Municipal Solid Waste Management in Pune (India). Structurally, SWaCH is a workers' cooperative and powersvest with the members. All members are working members, not merely shareholders. Women constitute 78 per cent of SWaCH membership. While this holds for most age groups, the presence of men is higher in the youngest age group and among the aging. Most SWaCH members used to work as waste pickers or itinerant waste buyers. Housekeeping and cleaning workers constitute another significant group. Members of the Scheduled Castes continue to be the majority in SWaCH. Other Backward Castes, as well as the middle castes, are represented in SWaCH.

**Source:** Media coverage

[http://wiego.org/sites/wiego.org/files/publications/files/Chikarmane\\_WIEGO\\_PB8.pdf](http://wiego.org/sites/wiego.org/files/publications/files/Chikarmane_WIEGO_PB8.pdf)



# Sior

## Social Impact Open Repository

- Link between social impacts of researchers to their individual profiles

ORCID

Connecting Research  
and Researchers

The screenshot shows the ORCID iD profile page for the Sior Social Impact Open Repository. The top navigation bar includes a search bar, a language dropdown set to 'English', and links for 'FOR RESEARCHERS', 'FOR ORGANIZATIONS', 'ABOUT', 'HELP', and 'SIGN OUT'. Below this, there are links for 'MY ORCID RECORD', 'INBOX (2)', 'ACCOUNT SETTINGS', 'DEVELOPER TOOLS', and 'LEARN MORE'. The profile itself is titled 'Sior Social Impact Open Repository' and displays the ORCID ID '0000-0001-7592-090X'. It includes sections for Biography, Education (0), Employment (0), Funding (0), and Works (1). The 'Works' section is expanded, showing a work titled 'REnewable Smart Cooling for Urban Europe' with a source link to the Sior repository. The left sidebar contains links for 'Get a QR Code for your iD', 'Also known as', 'Country', 'Keywords', 'Websites', and 'Emails' (sior@ub.edu).

Search

English

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FOR RESEARCHERS  
MY ORCID RECORD

FOR ORGANIZATIONS  
INBOX (2)

ABOUT  
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SIGN OUT  
LEARN MORE

2,164,680 ORCID iDs and counting. See more...

**Sior Social  
Impact Open  
Repository**

**ORCID ID**  
0000-0001-7592-090X  
View public version

Get a QR Code for your iD

Also known as

Country

Keywords

Websites

Emails  
sior@ub.edu

**Biography**

**Education (0)** + Add education ⌵ Sort

You haven't added any education, [add some now](#)

**Employment (0)** + Add employment ⌵ Sort

You haven't added any employment, [add some now](#)

**Funding (0)** + Add funding ⌵ Sort

You haven't added any funding, [add some now](#)

**Works (1)** + Add works ⌵ Sort

**REnewable Smart Cooling for Urban Europe**

other

SOURCE-WORK-ID: 49\_EUR/Energy/2012REF023546  
URL: <http://www.ub.edu/sior/view.php?id=49>

Source: Sior. Social Impact Open Repository Preferred source

# SIS2016

## 1ST CONFERENCE ON SOCIAL IMPACT OF SCIENCE

Barcelona, 25-29th of July 2016


**SIS2016**  
1ST CONFERENCE ON SOCIAL IMPACT OF SCIENCE  
Barcelona, 25-29th of July 2016

EUROPEAN COMMISSION

IMPACT-EV  
Enhancing the impact and visibility of EU R&D research


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### Keynote Speakers at SIS2016




*The curiosity of the human mind is essential if you want citizens who think rather than accept the first nonsense they come to.*

François Englert, Nobel Prize in Physics 2013



*People called me a dreamer. Dreamer or not, it was hard work that brought results.*


Ada Yonath, Nobel Prize in Chemistry 2009




*I believe that we should take a position for basic research to advance in this topic. We need to look for epidemiological clues that indicate us the different tumors that could be caused by an infection, although we might not know it yet.*

Harald zur Hausen, Nobel Prize in Medicine 2008

### MIDDAY SPECIAL SESSION: THE ROLE OF FUNDING AGENCIES IN PROMOTING SOCIAL IMPACT



**Alan Tomkins**  
National Science Foundation



**Saba Hinrichs-Krapels**  
The Policy Institute at King's College London



- Researchers from all disciplines, 40 countries
- Agencies (NSF, RCUK, DG.RTD,...)
- Publishers (PLOS, Nature, Thomson Reuters, ...)





## **Research Enabling Social Impact (RESI):**

The cumulative impact of the research that has contributed to further research which, in turn, has achieved social impact.

In order to find a solution there are many research projects and scholarly work exploring different avenues. They have all been necessary to find the solution, facing both failures and successes on the way.

## **EXAMPLE 1:**

**Social Impact of Research:** combating cancer disease

**Research Impact enabling Social Impact:** research about the possible connection between infection agents and human cancer.



**Harald zur Hausen**  
**Nobel Prize in Medicine**  
**2008**

“In the late 1960s Herpes simplex type 2 (HSV-2) emerged as the prime suspect based on some seroepidemiological observations. I had asked my colleague Heinrich Schulte-Holthausen to use the same technique to search for HSV-2 sequences in cervical cancer biopsies. **All attempts, however, failed.**”

Later “Up to 20% of sera from human adults also revealed neutralising antibodies to this virus. **Our attempts** to isolate a human correlate, **however, failed.**”

“I have devoted my scientific life to the question to what extent infectious agents contribute to human cancer, trusting that this will contribute to novel modes of cancer prevention, diagnosis and hopefully later on also to cancer therapy. I am of course pleased to see that **at least part of this programme has been successful.**”

## EXAMPLE 2:

**Social Impact of Research:** 1) creation of employment and economic growth in the region and 2) creating intangible cultural happiness, from the discovery of homo antecessor and the related Museum of Human Evolution.

**Research Impact enabling Social Impact:** Groups of paleontologists working in Atapuerca Mountains since 1863.



**Atapuerca Project**

1863: the first discoveries of fossils were found.

1976: first human remain is found

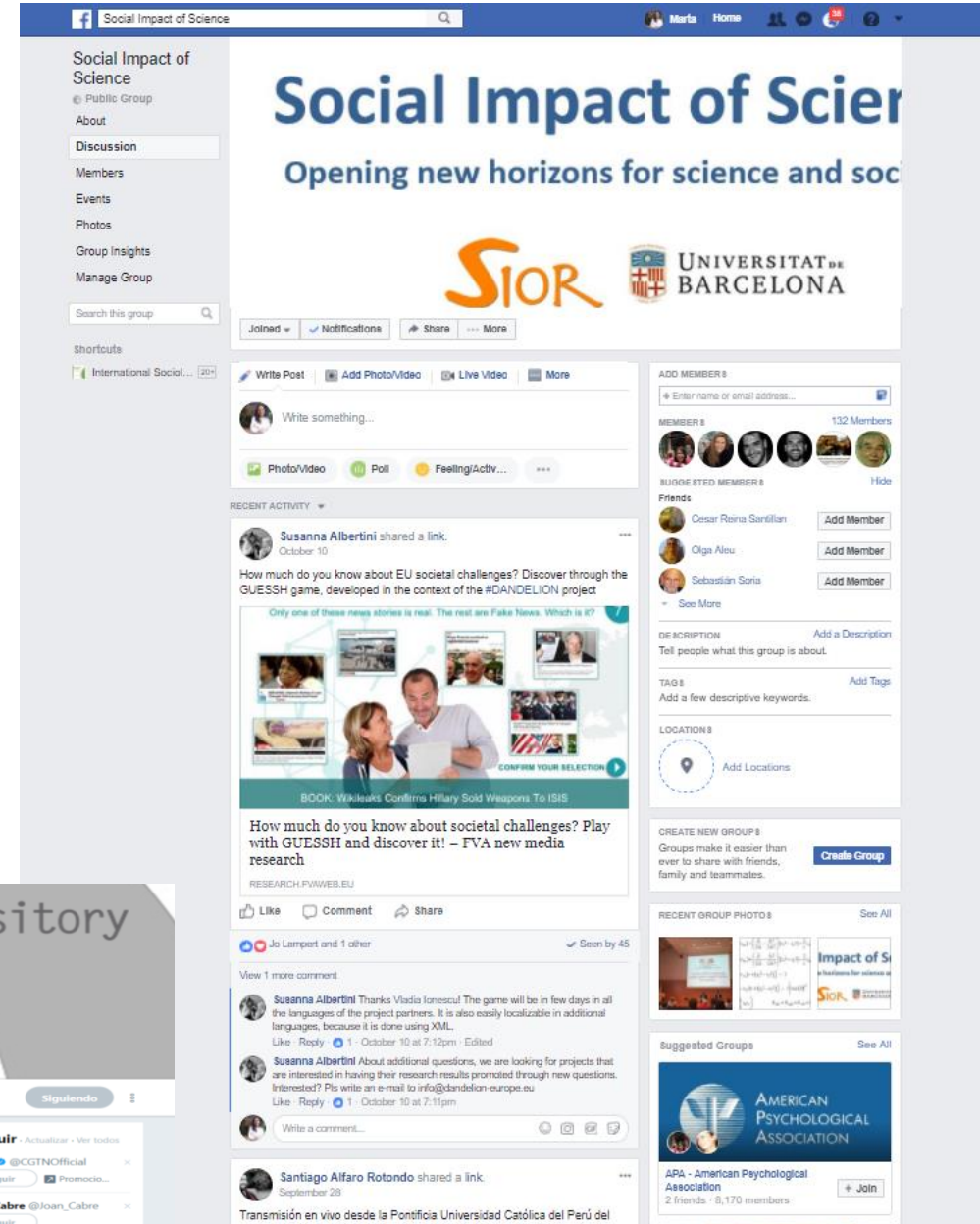
1997: discovery of a new human species: *homo antecessor*

**More than a century of research** has been developed in Atapuerca, which eventually **enabled the discovery of *homo antecessor***, as one of the earliest known human species in Europe.

# Barcelona 9-12 July 2019



@SIORRepository



1) Scientific, Political and Social impacts of research

2) Why Social Impact?

3) Evaluation: Social Impact Open Repository

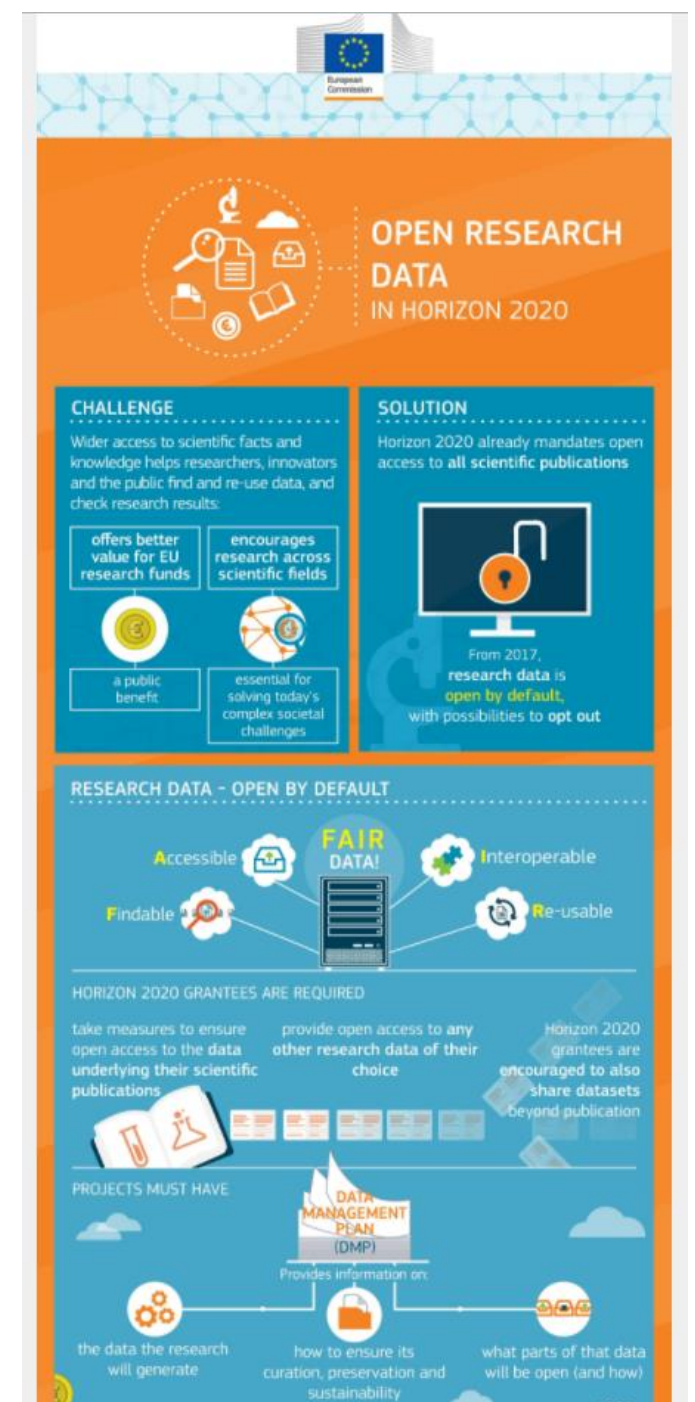
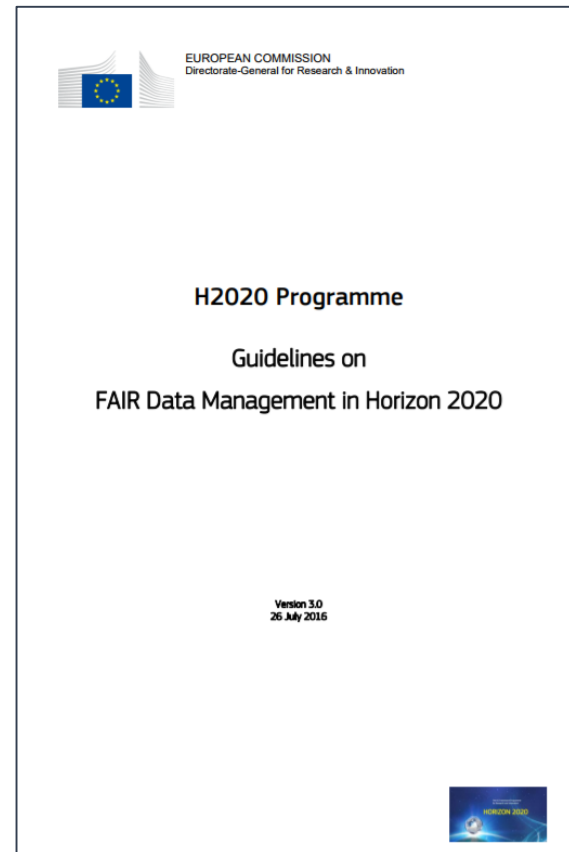
4) Social Impact and Open Knowledge

# Open access publishing

# Open research data

## FAIR data

- ✓ Findable
- ✓ Accessible
- ✓ Interoperable
- ✓ Re-usable





# Altmetrics



Impact



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downloads  
views



peer-review

expert opinion

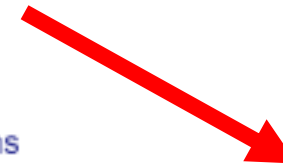


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alt-metrics

storage  
links  
bookmarks  
conversations



Altmetric

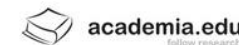
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Transforming The Future Of European People Through Research

 European Parliament Headquarters, **November 8, 2017 (3pm-6pm)**

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04 Hrs

08 Min

19 Sec

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*Science* 14 June 2013:  
Vol. 340 no. 6138 p. 1291  
DOI: 10.1126/science.1233319

POLICY FORUM

HUMAN RIGHTS

# A Human Right to Science

Audrey Chapman<sup>1,\*</sup>, Jessica Wyndham<sup>2</sup>

Author Affiliations

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**Citizens have the right to know not only the latest scientific knowledge but also which are the social improvements achieved as a result of using this scientific knowledge.**

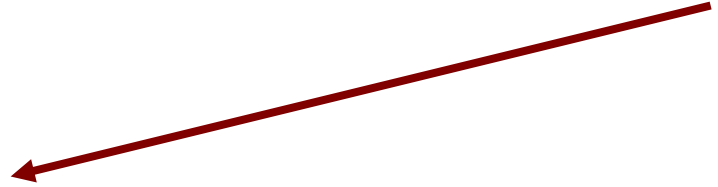




# SIOR

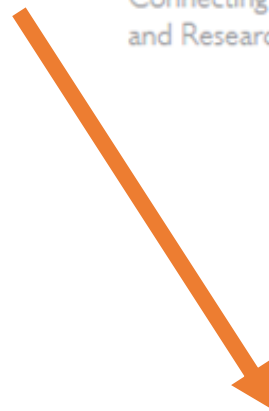
Social Impact Open Repository

- Link between social impacts of researchers to their individual profiles



# ORCID

Connecting Research and Researchers



- Link between social impacts of research projects and entries in Wikipedia
- Collaboration to open peer review of social impact to all citizens

Search

ORCID Connecting Research and Researchers

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP SIGN OUT

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Biography

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Employment (0) + Add employment Sort

You haven't added any employment, add some now

Funding (0) + Add funding Sort

You haven't added any funding, add some now

Works (1) + Add works Sort

# Open knowledge

Citizens search for information and contribute information in open sources such as Wikipedia.

Researchers are now contributing scientific knowledge in Wikipedia

Wikipedia is a space for bridging researchers' outcomes and citizens' knowledge about the impacts of their research.







WIKIPEDIA  
The Free Encyclopedia

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# Biochar

From Wikipedia, the free encyclopedia

Studies have reported positive effects from biochar on crop production in degraded and nutrient-poor soils.[43] The application of compost and biochar under FP7 project FERTIPLUS has had positive effects in soil humidity, and crop productivity and quality in different countries.[44]

44. <sup>^</sup> **a b** "Improvement of soil quality. [Social Impact]. FERTIPLUS. Reducing mineral fertilisers and agro-chemicals by recycling treated organic waste as compost and biochar products (2011-2015). Framework Programme 7 (FP7)." . *SIOR. Social Impact Open Repository*.



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## Drinking water

From Wikipedia, the free encyclopedia

One of the Millennium Development Goals (MDGs) set by the UN includes environmental sustainability. In 2004, only 42% of people in rural areas had access to clean water.[24] Projects such Democratisation of Water and Sanitation Governance by Means of Socio-Technical Innovations work to develop new accessible water treatment systems for poor rural areas, reducing the price of drinking water from US \$ 6.5 per cubic meter to US \$1.[25]

25. ^ "Access to clean water. [Social Impact]. [DESAFIO](#). Democratization of Water and Sanitation Governance by Means of Socio-Technical Innovation (2013-2015). Framework Programme 7 (FP7)." [SIOR, Social Impact Open Repository](#).



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# Corruption

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Creating bottom-up mechanisms, promoting citizens participation and encouraging the values of integrity, accountability, and transparency are crucial components of fighting corruption. The implementation of the ALACs "Advocacy and Legal Advice Centres (ALACs)" has led to a significant increase in the number of citizen complaints against acts of corruption received and documented[62] and also to the development of strategies for good governance by involving citizens willing to fight against corruption[63].

62. ^ "Increase in the number of civil complaints against acts of corruption. [Social Impact]. ALACs. Promotion of Participation and Citizenship in Europe through the "Advocacy and Legal Advice Centres (ALACs)" of Transparency International (2009-2012). Framework Programme 7 (FP7)" [↗](#). Sior, Social Impact Open Repository.

63. ^ "Impact on national legislation. [Social Impact]. ALACs. Promotion of Participation and Citizenship in Europe through the "Advocacy and Legal Advice Centres (ALACs)" of Transparency International (2009-2012). Framework Programme 7 (FP7)" [↗](#). Sior, Social Impact Open Repository.

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## Initiatives to prevent sexual violence

From Wikipedia, the free encyclopedia

Outcomes show that program participation is associated with reductions in rape myth acceptance and increased bystander intervention(Coker, Cook-Craig, Williams, Fisher, Clear, Garcia & Hegge, 2011). In this line, the establishment of solidarity networks, specially among peer, it also constitutes a strong initiative to prevent sexual violence. [27]

Protocols for Preventing and Responding to sexual violence situations within institutions such as universities, have shown to be successful not only for acting to respond in front of concrete cases and help survivors, but also to prevent these situations from happening.[28]

27. ^ "Establishment of solidarity networks with the victims of violence against women in Spanish universities. [Social Impact]. VGU. Gender-based Violence in Spanish Universities (2006-2008)." [Sior, Social Impact Open Repository](#).

28. ^ "Implementation of protocols against sexual harassment in some Spanish universities. [Social Impact]. VGU. Gender-based Violence in Spanish Universities (2006-2008)." [Sior, Social Impact Open Repository](#).

[https://en.wikipedia.org/wiki/Initiatives\\_to\\_prevent\\_sexual\\_violence](https://en.wikipedia.org/wiki/Initiatives_to_prevent_sexual_violence)



# Assessing social impact: challenges and possibilities

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