

# Supplemental material

## Social participation in science: perspectives of the Spanish civil society organizations

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## **Advisory board**

An advisory formed by 10 members of 10 Spanish scientific culture units, which are structures formally recognized by the Spanish government and based at universities and research centers (Capeáns, López and Remiro, 2012), was constituted. These units were key to the study due to their local knowledge of the reality within different parts of the country and especially due to their ability to identify potential CSOs for inclusion in the study.

This advisory board collaborated with the research team throughout the study regarding several key points, namely, the definitions of the study dimensions, the revision of the scripts of the semi-structured interviews and the selection criteria of the candidates to be interviewed. We also relied on their experience during the discussion of the results and thus ensured the reliability of the interpretations. The units of scientific culture were selected by taking into account previous working connections and diversity of geographical distribution with the aim to have a broader view of other Spanish sectors.

## Sample description

Interview number	Gender	Type of CSO	Scope of action
1	Female	First level entity	Patients
2	Male	Singular entity	Patients
3	Male	First level entity	Patients
4	Male	First level entity	Environmentalism
5	Female	Second level entity	Social
6	Male	First level entity	Social
7	Male	Second level entity	Patients
8	Female	Second level entity	Social
9	Male	First level entity	Social
10	Male	Third level entity	Social
11	Female	First level entity	Social
12	Male	Second level entity	Social
13	Female	First level entity	Social
14	Female	First level entity	Social
15	Female	Second level entity	Patients
16	Male	Third level entity	Patients
17	Male	First level entity	Patients
18	Female	Second level entity	Social
19	Male	First level entity	Social
20	Male	First level entity	Social
21	Female	Third level entity	Social
22	Male	Singular entity	Social
23	Male	First level entity	Patients
24	Male	First level entity	Environmentalism
25	Female	Second level entity	Social
26	Female	First level entity	Social
27	Male	First level entity	Environmentalism
28	Female	First level entity	Environmentalism
29	Male	First level entity	Environmentalism
30	Male	First level entity	Environmentalism
31	Female	First level entity	Environmentalism

Table A. Sample description

# Interview guidelines

## INTERVIEWEED PROFILE

**NAME AND SURNAME:**  
**LEVEL OF STUDIES:**  
**AGE:**  
**PROFESSIONAL POSITION:**  
**TIME OF LABOR LINKAGE WITH THE CSP:**

## CSO PROFILE

**CSO NAME:**  
**CSO TYPE:**  
**LOCATION:**  
**OBJECTIVE OF THE CSO:**  
**NUMBER OF AFFILIATES:**

### **RQ1 - Current state of CSO participation throughout the R&D&I process**

- What is the purpose of your social organization / association?
- Does the entity you represent participate in research?
  - How has this participation been?
  - When did the entity you represent participate in research? (ideas for research, definition of objectives, providing data, interpreting results, etc.)
  - Who conducted the research?
- Do you have any type of formal relationship established with entities that carry out research (universities, hospitals, research centres, etc.)?

### **RQ2 - Barriers or limitations to enhancing CSOs participation in research**

- Has there been any reason that limited the entity's participation in research?
  - What reasons?
  - Can you give me an example?

### **RQ3 - Ideal relationship with R&D&I system**

- How do you think your entity's participation in research could be enhanced?
- With what type of contributions do you think your entity can collaborate in research?