# European Platform for Data Science: Incubation, Learning, Operations and Network

EPSILON – BENCHMARK REPORT | NOV.2022









## The Data for Good Landscape - Benchmark Report

#### MAIN GOAL

This report introduces the findings from the Data for Good Landscape study, part of the first phase (PR1) of the project European Platform for Data Science: Incubation, Learning, Operations, and Network – EPSILON.

The information shared in this report comes from publicly available sources about the Data Science for Good Organizations and initiatives. The report covers 56 Organizations/ Initiatives, mostly from Europe as per the focus of this study.

The report is comprised of two parts. The first part is a summary of the selected descriptive organizational indicators. The second part is an indepth analysis of the organizations, given the information available.





## EPSILON project

## THE PARTNERSHIP \*

The EPSILON project is developed by a consortium of European Universities, with the objective to address the needs of European Data for Good Initiatives and higher education initiatives with degrees in Data Science.

▲ Hochschule Harz

Hochschule für angewandte Wissenschaften







Germany Cyprus Lithuania Portugal

\* Project EPSILON was co-funded by the European Union (2021-1-DE01-KA220-HED-000029711). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or DAAD. Neither the European Union of DAAD. Sometimes are however those of the European Union nor the granting authority can be held responsible for them.







## Methodology

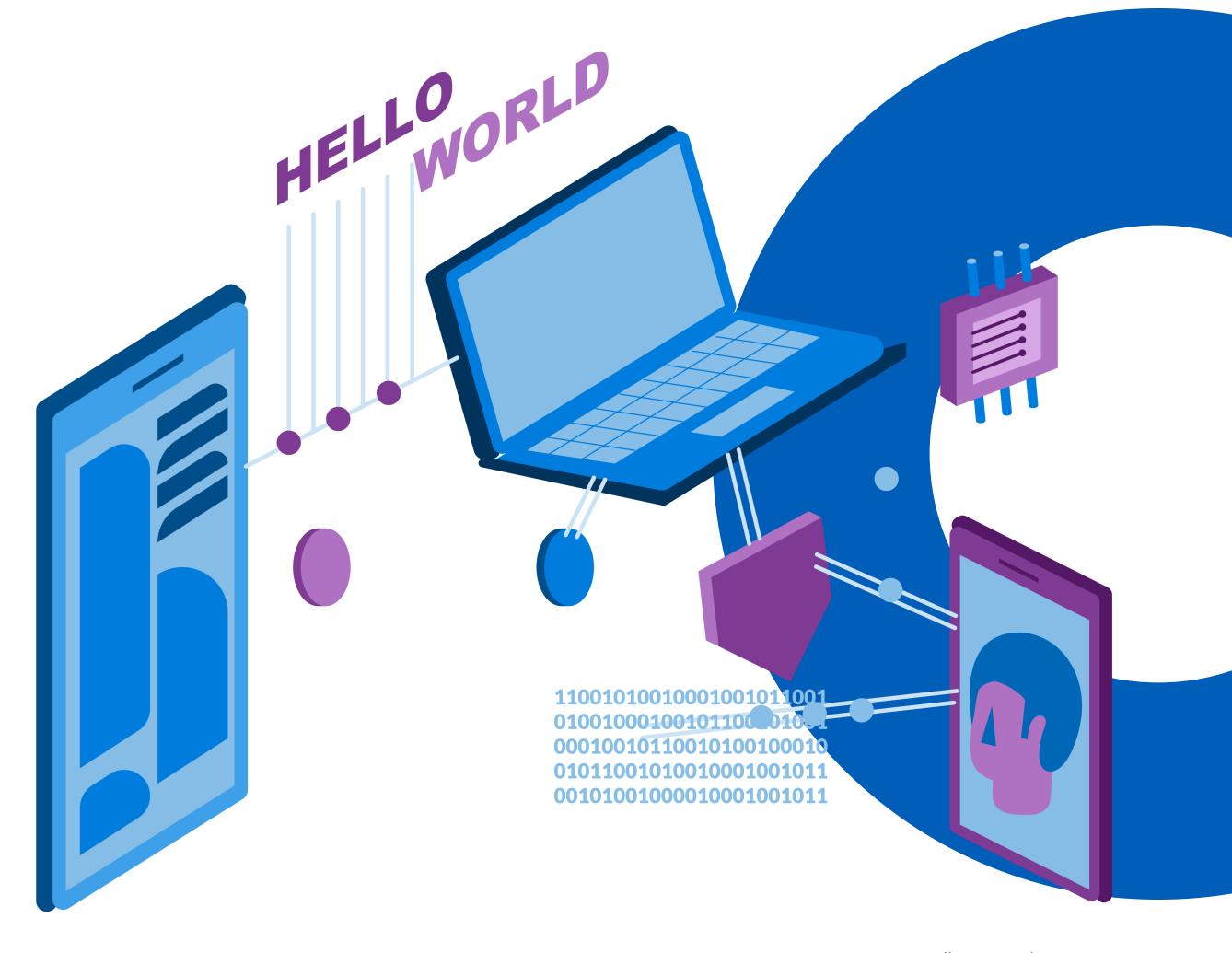


Illustration by Ana Seixas







## Methodology

### HOW THE BENCHMARK WAS CREATED

This benchmark study identifies and describes **Organizations and Initiatives that have as their primary activity Data Science projects with focus on Social/ Environmental impact**. It has been created in four steps:

- 1. Identification of the organizations by searching online, in search engines and on social networks, using the keywords "Data Science for Good", "Data for Good", "Al for Good", and "Social Good". Next, we reviewed whether the Organizations/ Initiatives we found correspond to those specified in the EPSILON's project objectives;
- 2. Defining a minimal set of characteristics, to characterize and compare these Organizations/ Initiatives listed;
- 3. Looking for the information and periodically reviewing the set of characteristics possible to be gathered online (Organization/ Initiative website);
- 4. Consolidating the information on this report, to understand the universe of Data Science for Good Organizations/ Initiatives.



Note: The information available on the Organizations/ Initiatives websites is not homogeneous – some websites have all the information needed with a high level of detail, but there are also others with almost no information available. Also, there is no guarantee that all Organizations/ Initiatives' websites are up to date. For this reason, to standardize the information, some assumptions were created by using different sources of information. To validate the information collected and complete the benchmark as much as possible, we shared an online survey.







## The Organizations/ Initiatives (1/2)

### THIS BENCHMARK STUDY COMPREHENDS 56 ORGANIZATIONS/ INITIATIVES

1			
Ι.	D22G	Berlin	

- 2. DSSG Salzburg
- 3. DSSG Portugal
- 4. DSSG Spain (SoGooData)
- 5. DSSG Solve
- 6. Data for Good
- 7. BE-GOOD Project: Open Data For Smarter Society
- 8. DSSG Europe (Foundation)
- 9. Center for Data Innovation
- 10. Fable Data

- 11. Fairs Fair Project
- 12. Data for Good
- 13. DataKind
- 14.Peace-Work
- 15. Data.org

17. Data4PT

- 16. Data Science for Social Good
- 18. Centre for Innovation (Leiden University)
- 19. DSSGx (Vollmer Research Group)
- 20. DSSG (Tilburg)
- 21. Vera Solutions

- 22. Centre for Social Data Science
- 23. DSSGx Warwick + TATI
- 24. AI for Tomorrow
- 25. IBM Social Good Fellowship
- 26. Microsoft AI for Good
- 27. Data for Good Madrid
- 28. Data for Good Barcelona
- 29. Data for Good SAS
- 30. Tech for Good Accenture
- 31.CorrelAid
- 32. Data 4 Good







## The Organizations/ Initiatives (2/2)

### THIS BENCHMARK STUDY COMPREHENDS 56 ORGANIZATIONS/ INITIATIVES

33. Tech for Good

34. CorrelAidX Austria

35. CorrelAidX Berlin

36. CorrelAidX Bremen

37. CorrelAidX Cologne

38. CorrelAidX Dortmund

39. CorrelAidX Freiburg

40. CorrelAidX Göttingen

41. CorrelAidX Hamburg

42. CorrelAidX Jena

43. CorrelAidX Karlsruhe

44. CorrelAidX Konstanz

45. CorrelAidX Leipzig

46. CorrelAidX Mannheim

47. CorrelAidX Munich

48. CorrelAidX Netherlands

49. CorrelAidX Paris

50. CorrelAidX Rhein-Main

51. CorrelAidX Ruhrgebiet

52. CorrelAidX Stuttgart

53. CorrelAidX Switzerland

54. DataKind Bengaluru

55. DataKind Singapore

56. DataKind United Kingdom



**Organizations** include companies, institutions, and associations that include one or more people and have a specific mission.

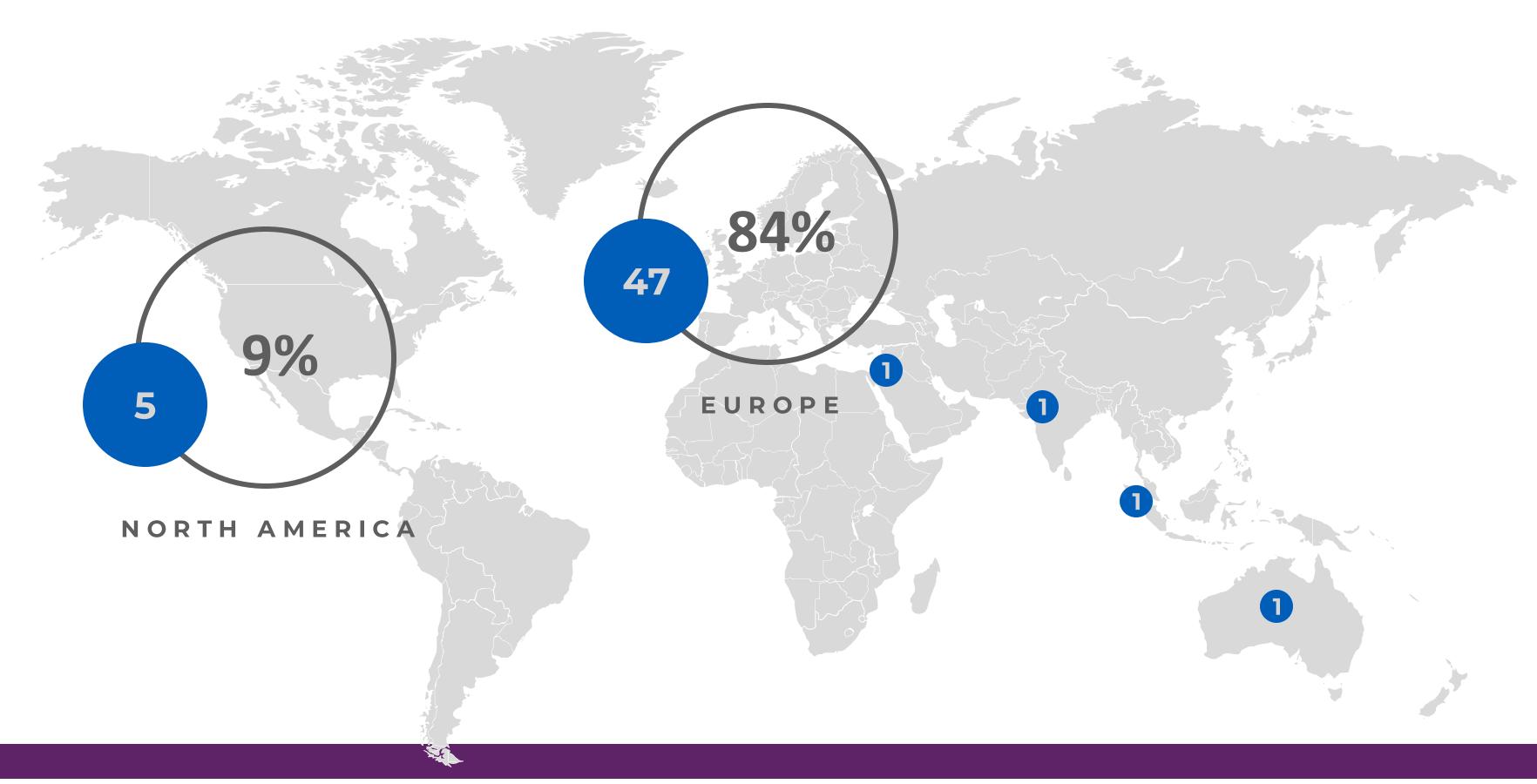
An **Initiative** is a project or a program carried out by an Organization or a consortium/ partnership.







# Most of the Organizations/ Initiatives are located in Central Europe









## List of Indicators

## KEY-VARIABLES COLLECTED FROM EACH ORGANIZATION/ INITIATIVE TO DEVELOP THE BENCHMARK

## **#Status & Legal**

Variables concearning the General Status and Legal Structure.

- 1. Current Status
- 2. Ownership
- 3. Legal Format

#### #General

General descriptive variables.

- 4. Name
- 5. Creation Year
- 6. Geographical Scope
- 7. Type of Activities
- 8. Preferred Industry/ Focus
- 9. Type of Partnerships

## #Working Methodology

Variables related to the way projects are carried out.

- Working Methodology
- 11. Project Duration
- 12. Team Size
- 13. Team Constitution

## **#HR & Financing**

Variables related to People & Financing.

- 14. Funding Sources
- 15. Annual Revenue
- 16. Number of Employees
- 17. Organizational Structure

## #Impact

Variables related to Social Impact and performance indicators.

- 18. KPIs (General)
- 19. KPIs (Impact)
- 20. Social Impact Area







## 1. Status - Variables & Assumptions

**Description** Regards the activity of the Organization/ Initiative.

## Assumptions

**Sources &** It states whether the Organization/ Initiative is:

- **Active** (if there has been at least one project over the last 12 months or any social media interaction);
- Passive (if the most recent online interaction or the last completed project was from one to two years ago); or
- **Inactive** (if the most recent activity or online interaction was more than two years ago).

The primary source for this indicator was the Organizations/ Initiatives' websites, namely, DSSG Europe (Foundation), Data.org, Data Science for Social Good, DSSGx (Vollmer Research Group), DSSGx Warwick + TATI, AI for Tomorrow, Microsoft AI for Good, Data for Good Barcelona, CorrelAidX Austria, CorrelAidX Berlin, DSSG (Tilburg), CorrelAidX Cologne, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, CorrelAidX Switzerland, DataKind Bengaluru, DataKind Singapore, Data for Good SAS, and CorrelAidX Dortmund).

In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:

- Organization/ Initiative Blog DSSG Berlin, Fable Data, Data Kind, Tech for Good Accenture, CorrelAid, Center for Data Innovation, IBM Social Good Fellowship, CorrelAidX Netherlands, and Tech for Good Accenture.
- Project detailed page DSSG Portugal, DSSG Solve, Data for Good, BE-GOOD Project: Open Data For Smarter Society, Data For Good, Data4Pt, Vera Solutions, and FairsFair Project;
- GitHub DSSG Spain (SoGooData);
- Annual Reports Centre for Social Data Science;
- LinkedIn Data for Good Madrid, Tech for Good and DataKind United Kingdom;
- *Twitter* Peace-Work;
- Instagram Data 4 Good;
- YouTube Center for Innovation (Leiden University), CorrelAidX Bremen, CorrelAidX Hamburg, CorrelAidX Mannheim, and CorrelAidX Munich.

**Calculation** % Org. or Init. Active or Passive or Inactive = <u>Number of Org. or Init. Active or Passive or active</u> Number of total Org. or Init. analyzed

**Coverage** 56 Organizations/ Initiatives (100%).

## 2. Ownership - Variables & Assumptions

**Description** Indicates whether the Organization/Initiative is Public, Private or Hybrid.

## Assumptions

**Sources &** It states whether the Organization/ Initiative is:

- **Public** (Organizations/ Initiatives that are: (a) Owned by the State; (b) Integrated into a public University; or (c) Totally funded by the European Union);
- **Private** (all Organizations/ Initiatives that are not owned by the State); or
- **Hybrid** (Organizations/ Initiatives that combine elements from the public and private sectors, such as social impact and profit generation. The following features characterize hybrids between the public and private spheres: 1. Shared ownership; 2. Goal incongruence and different institutional logics in the same organization; 3. Variety in the sources of financing; 4. Different forms of economic and social control).

The primary source for this indicator was the Organizations/ Initiatives' websites (Data.org, Centre for Social Data Science, IBM Social Good Fellowship, Microsoft AI for Good).

In the absence of information on the Organization's or Initiative's website, the assumptions above were applied.

- Organization/ Initiatives that were considered public BE-GOOD Project: Open Data For Smarter Society, FairsFair Project, Data4PT,
- Organizations/ Initiatives that were considered Private DSSG Berlin, DSSG Portugal, DSSG Spain (SoGooData), DSSG Solve, Data for Good, Fable Data, Data for Good, DataKind, Peace-Work, Data.org, Data Science for Social Good, Center for Innovation (Leiden University), DSSG (Tilburg), Vera Solutions, Centre for Social Data Science, DSSGx Warwick + TATI, IBM Social Good Fellowship, Microsoft AI for Good, Data for Good Madrid, Data for Good Barcelona, Data for Good SAS, Tech for Good Accenture, CorrelAid, Data 4 Good, Tech for Good, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Cologne, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Hamburg, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, CorrelAidX Switzerland, DataKind Bengaluru, Data Kind Singapore, DataKind United Kingdom.
- Organizations/ Initiatives that were considered Hybrid DSSG Europe (Foundation), DSSGx (Vollmer Research Group), Al for Tomorrow

#### Calculation

% Organizations or Initiatives Private or Public = <u>Number Org. or Init. Private or Public</u> Number of total Org. or Init. analyzed

**Coverage** 56 Organizations/ Initiatives (100%).

## #Status & #General #Working #HR & Financing #Impact

## Variables & Assumptions

3. Legal Format - Variables & Assumptions			
Description	States whether the Organization is For-Profit or Non-Profit.		
	The Non-Profit were divided into subcategories: Association, Corporation and Foundation*		
	The primary source for this indicator was the <i>Organizations/ Initiatives' websites</i> namely, DSSG Portugal, DSSG Spain (SoGooData), Data for Good, Center for Innovation (Leiden University), Data for Good, DataKind, Data Science for Social Good, Peace-Work, Data Science for Social Good, DSSGx (Vollmer Research Group), Centre for Social Data Science, Al for Tomorrow, CorrelAid, Data 4 Good, DSSGx Warwick + TATI, Al for tomorrow, Microsoft Al for Good, Tech for Good, CorrelAid, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Göttingen, CorrelAidX Hamburg, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, DataKind Bengaluru, Data Kind Singapore On LinkedIn DataKind, Data.org, Data for Good Madrid, Data for Good Barcelona) On YouTube (CorrelAidX Munich)  External sites* (Fable Data, Vera Solutions)		
	<ul> <li>If not stated, the following assumptions were made:</li> <li>Non-Profits that were corporations were (1) – Peace-Work</li> <li>The Organizations/ Initiatives that did not belong to any category were placed in the "others" category (26) – DSSG Portugal, DSSG Spain (SoGooData), Data for Good, Centre for Innovation, Data for Good, DataKind, Data.org, Data Science for Social Good, Al for Tomorrow, Data for Good Madrid, Data for Good Barcelona, CorrelAid, Data 4 Good, Tech for Good, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, DataKind Bengaluru, Data Kind Singapore, DataKind United Kingdom.</li> </ul>		
Calculation	% Organizations or Initiatives For-Profit or Non-Profit = <u>Number of For-Profit or Non-Profit</u> Number of total Orgs analyzed		
Coverage	40/ 56 Organizations/ Initiatives (71%).		

## #Status & #General #Working #HR & #Impact Financing

## Variables & Assumptions

4. Name – Variables & Assumptions				
Description	The name of the Organization/ Initiative.			
Sources & Assumptions	Information for this indicator was collected exclusively from the Organizations/ Initiatives websites.  For all organizations benchmarked the name/ brand on the Organization/ Initiative's website was considered as the name of the Organization/ Initiative.			
Calculation	No calculation was needed for this indicator.			
Coverage	56 Organizations/ Initiatives (100%).			

## #Status & #General #Working #HR & #Impact Methodology Financing #Impact

## Variables & Assumptions

## 5. Creation Year - Variables & Assumptions

Description	Indicates the year in which the Organization/ Initiative was established.
	The primary source for this indicator was the <i>Organizations/ Initiatives' websites</i> , namely, DSSG Solve, DataKind, Data for Good, Peace-Work, Data4PT, DSSGx (Vollmer Research Group), DSSG (Tilburg), Vera Solutions, Centre for Social Data Science, DSSGx Warwick + TATI, CorrelAidX Austria, CorrelAidX Bremen, CorrelAidX Cologne, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Jena, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Switzerland, DataKind Bengaluru, DataKind Singapore, DataKind United Kingdom, Microsoft AI for Good.  In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:  • <i>Organization/ Initiative LinkedIn page</i> – DSSG Portugal, AI for Tomorrow, Fable Data, FairsFair Project, Data for Good, Data.org, Data Science for Social Good, Data 4 Good, Tech for Good, Data for Good Barcelona, CorrelAidX Karlsruhe, CorrelAidX Paris.  • <i>Organization/ Initiative Blog</i> – DSSG Berlin, DSSG Europe (Foundation), Center for Data Innovation, Center for Innovation (Leiden University)  • <i>YouTube</i> – BE-GOOD Project: Open Data For Smarter Society, CorrelAidX Hamburg, CorrelAidX Netherlands.
	In cases where there was no information on the listed sources, the following assumptions were made:  • The Organization/ Initiative was founded in the same year as its first social media interaction – Tech for Good Accenture and CorrelAidX Berlin.  • The Organization/ Initiative was founded in year its founder declares started working for the Organization/ Initiative according to LinkedIn – DSSG Spain (SoGooData).  • When there was information in more than one source, it was considered the earlier one – DSSG Spain (SoGooData), DSSG Europe (Foundation), Center for Data Innovation.
Calculation	Creation Year = ∑ Organizations or Initiatives created each year
Coverage	49/56 Organizations/ Initiatives (88%).

## 6. Geographical Scope - Variables & Assumptions

#### **Description** Concerns the place where the Organization/ Initiative develop its activities.

## **Assumptions**

**Sources &** It states whether the Organization/ Initiative's activities operates:

- **Nationally** (if the Organization/ Initiative develop activities exclusively in the country where it was located); or
- Worldwide (if any of the Organization/ Initiative 's activities were developed in other countries, or in partnership with Organizations from other countries).

The primary source for this indicator was the Organizations/ Initiatives' websites (Center for Data Innovation, Fable Data, FairsFair Project, DataKind, Data.org, Data Science for Social Good, Data4PT, Centre for Innovation (Leiden University), DSSGx (Vollmer Research Group), DSSG (Tilburg), Vera Solutions, Centre for Social Data Science, DSSGx Warwick + TATI, AI for Tomorrow, IBM Social Good Fellowship, Microsoft AI for Good, Data for Good SAS, Tech for Good Accenture, Data for Good Barcelona, Data 4 Good, Tech for Good, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Cologne, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, CorrelAidX Switzerland, DataKind Bengaluru, Data Kind Singapore, DataKind United Kingdom)

In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:

- Organization/ Initiative Blog DSSG Berlin, Peace-Work, Data for Good Madrid, Data for Good Barcelona, CorrelAid
- YouTube CorrelAidX Bremen.

In cases where there was no information on the listed sources, the following assumption was made:

• Consider the geographical scope of the last four events or trainings – DSSG Spain (SoGooData), DSSG Portugal, DSSG Solve, Data for Good, BE-GOOD Project: Open Data For Smarter Society, DSSG Europe (Foundation), Data for Good.

**Calculation** % Organizations or Initiatives National or Worldwide = <u>Number of National or Worldwide</u> Number of total Orgs analyzed

**Coverage** 54/ 56 Organizations/ Institutions (96%).

**Coverage** 44/ 56 Organizations/ Initiatives (79%).

## #Status & #General #Working #HR & #Impact Methodology Financing #Impact

## Variables & Assumptions

## 7. Type of Activities - Variables & Assumptions

## **Description** The type of activities carried out by the Organization/ Initiative. **Sources &** All activities found were included in one of the following three categories: **Projects:** The term "project" refers to a temporary process undertaken to solve a well-defined goal with clearly defined start and end dates, a clearly defined set of tasks, **Assumptions** • and a budget (Data Science Projects); • Events: Public activities carried out by the organizations/ Initiatives (ex: Conferences); • Training: Instruction of a particular skill (ex: Python Classes). The primary source for this indicator was the Organizations/ Initiatives' websites (DSSG Portugal, DSSG Spain (SoGooData), Data for Good, BE-GOOD Project: Open Data For Smarter Society, DSSG Europe (Foundation), Center for Data Innovation, FairsFair Project, Data for Good, DataKind, Data.org, Data Science for Social Good, Data4PT, Centre for Innovation (Leiden University), DSSG (Tilburg), Al for Tomorrow, DataKind Bengaluru, Data Kind Singapore, DataKind United Kingdom, IBM Social Good Fellowship, Microsoft Al for Good, Data for Good Barcelona, Tech for Good Accenture, CorrelAid, Data 4 Good, Tech for Good, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Hamburg, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig) In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from: Organization/ Initiative Blog – DSSG Berlin, Fable Data. • LinkedIn - DSSG Solve. • YouTube - CorrelAidX Berlin, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart. Type of Activities = $\sum$ Organizations or Initiatives that developed Projects or Events or Trainings

## 8. Preferred Industry/ Focus - Variables & Assumptions

**Description** Indicates the main focus of the Organizations/ Initiatives.

## **Assumptions** categories:

**Source &** The industries/ focus found were included in one of the following six

- Data Science & Data Analytics
- Social Impact & Social Good Education
- Sustainability

Health

Human Rights

The primary source for this indicator was the *Organizations/ Initiatives'* websites (DSSG Spain (SoGooData), DSSG Solve, Data for Good, DSSG Europe (Foundation), Center for Data Innovation, FairsFair Project, Peace-Work, Data.org, Data4PT, Center for Innovation (Leiden University), Microsoft Al for Good, Data for Good Madrid, Data for Good Barcelona, Data for Good SAS, Tech for Good Accenture, CorrelAid, Tech for Good, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Freiburg).

In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:

- LinkedIn DSSG Berlin, DSSG Portugal, BE-GOOD Project: Open Data For Smarter Society, Fable Data, Data for Good, DataKind, Data Science for Social Good, Vera Solutions, AI for Tomorrow, Data 4 Good.
- YouTube CorrelAidX Hamburg, CorrelAidX Paris.

**Calculation** % Industry = <u>Number of Organizations or Initiatives with that Industry</u> Number of total Orgs analyzed

**Coverage** 34/56 Organizations/ Initiatives (61%).

Categories			
Data Science & Data Analytics	"Data science", "Big Data and Data Science", "Data Analytics", "Analytics, Technology", "Machine Learning", "IT consulting", "Artificial Intelligence"		
Social Impact & Social Good	"Social Impact", "Lifelong Learning and Data & Al for Social Impact", "Data Science for Social and Civic Sector", "Social Good", "Tech for Good", "Sustainable Development Goals"		
Education	"Education", "Digital Solutions for Education & Research"		
Human rights	"Human rights", "Refugee rights", "Women's rights"		
Health	"Health", "Health data analysis"		
Sustainability	"Sustainability", "Sustainable Economy", "Low Carbon", "Green Energy & Carbon"		

## 9. Types of Partnerships - Variables & Assumptions

**Description** Indicates the categories of partnerships the Organizations/Initiatives have.

## Assumptions

**Sources &** All Types of Partnerships found were included in one of the following six categories: **Data Partners** 

- Tech Partners / Sponsors
- **Event Partners/ Sponsor**
- Sponsors
- Funding Partners/ Building Partners
- Knowledge Partners/ Program Support

The source for this indicator was the Organizations/ Initiatives' websites (DSSG Portugal, Data for Good, BE-GOOD Project: Open Data For Smarter Society, DSSG Europe (Foundation), Center for Data Innovation, FairsFair Project, DataKind, Data.org, Data Science for Social Good, CorrelAid, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Hamburg, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart).

**Calculation** % of Org. or Init. per category = <u>Number of Org. or Init. with that category</u> Number of Org. or Int analyzed

**Coverage** 27/ 56 Organizations/ Initiatives (48%).

## 10. Working Methodology - Variables & Assumptions

**Description** Indicates the project lifecycle adopted by each Organization/ Initiative.

**Source &** All project phases found were included in one of the following five **Assumptions** categories:

- Problem Definition/ Scoping
- Data Discovery
- **Experimenting & Refinement**
- Prototyping
- Project completion/ Impact

The primary source for this indicator was the Organizations/ Initiatives' websites - "How we work" section (DSSG Solve, DataKind, Centre for Innovation (Leiden University), Microsoft AI for Good, Data for Good Madrid, Data for Good Barcelona, Tech for Good).

In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:

- Detailed description of projects DSSG Portugal, Data for Good, Fable Data, Data for Good, CorrelAid.
- Organization/Initiative Blog DSSG Berlin.

**Calculation** % Category = <u>Number of Orgs that follow that step</u> Number of total Orgs analyzed

**Coverage** 10/56 Organizations/ Initiatives (18%).

Category	Project phases included		
Problem Definition/ Scoping	"Problem definition", "Problem, Scoping", "Formal agreement", "Call for volunteers", "Team onboarding", "Problem identification", "Scoping", "Problem exploration, Ideation", "Concept", "Team", "Plan", "Project Definition", "Call for Applications and Team Selection", "Onboarding and kick-off", "Frame the opportunity", "Engage influential champions", "Structure alliance of organizations", "Identify organization level & industry challenges", "Align alliance agenda", "Prioritize issues to be addressed", "Project kick-off".		
Data Discovery	"Cleaning and joining of data", "Data acquisition", "Exploration", "Analytical formulation", "Acquire", "Structure", "Data Discovery".		
Experimenting & Refinement	"Development", "Analysis/ modelling", "Analyse", "Refinement", "Experimenting", "Development", "Project Work", "Launch alliance activity", "Expose issues in focus", "Create a dialogue between stakeholders".		
Prototyping	"Field validation/ Pilot", "Prototyping", "Scaling the experiment", "Select and interact with selected technologies", "Influence development of market-fit solutions", "Pilot impact generating technologies".		
Project completion/ Impact	"Follow-up & implementation", "Project completion", "Impact review", "taking action", "Deliver", "Solution", "Decision making", "Establishing", "Closing", "Handover", "Follow-up", "Commercialize and scale proven solutions", "Invest in core-business aligned startups"," Adapt solutions to additional regions & needs".		



Both the name of the project phase and the position on the project timeline were considered when fitting into the categories.

## #Status & #General #Working #HR & #Impact Financing

## Variables & Assumptions

11. Project Duration - Variables & Assumptions			
Description	Indicates how long it takes to complete a project.		
Sources & Assumptions	The primary source for this indicator was the <i>Organizations/ Initiatives' websites – project's detailed description</i> (DSSG Portugal, BE-GOOD Project: Open Data For Smarter Society, FairsFair Project, Data4PT, DSSGx (Vollmer Research Group), Al for Tomorrow, Microsoft Al for Good, Data for Good Barcelona, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Freiburg, CorrelAidX Göttingen, CorrelAidX Hamburg, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart)  In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:  • Organization/ Initiative Blogs – DSSG Berlin.  In cases where projects' lengths were different between projects, the following assumption was made:  • The average time dedicated to the last four projects developed by the Organization/Initiative was considered (2) DSSG Solve and Data for Good Barcelona.		
Calculation	% Org or Init. per time Period = <u>Number of Organizations or Initiatives with that time period</u> Number of total Orgs analyzed		
Coverage	29/ 56 Organizations/ Initiatives (52%).		

12. Team Size per project - Variables & Assumptions					
Description	Number of people who are part of a project/ event team within each Organization/ Initiative.				
Sources & Assumptions					
<ul> <li>In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:</li> <li>Organization/ Initiative Blogs – DSSG Berlin.</li> <li>YouTube – CorrelAidX Paris.</li> </ul>					
	<ul> <li>In cases where teams' sizes varies from project to project, the following assumption was made:</li> <li>The team size was assumed to be the average number of people involved in the last four projects (DSSG Portugal, DSSG Solve, DSSG Europe (Foundation), Data for Good, Data Science for Social Good).</li> </ul>				
Calculation	The data was divided into quartiles.				
	Team size per Project = $\sum$ Organizations or Initiatives that belong to each quartile.				
Coverage	11/56 Organizations/ Initiatives (20%).				

## #Status & #General #Working #HR & Financing #Impact

## Variables & Assumptions

## 13. Team Constitution per project - Variables & Assumptions

Description	Informs how the team of each project is constituted.		
_	<ul> <li>All project roles found were included in one of the following five categories:</li> <li>Project Lead</li> <li>Mentors</li> <li>Data Scientists</li> <li>Project Manager</li> <li>Project Partner</li> </ul>		
	<ul> <li>The source for this indicator was the <i>Organizations/ Initiatives' websites:</i></li> <li>The detailed description of each project – DSSG Portugal, Data Science for Social Good.</li> <li>"How we work" website section – DSSGx (Vollmer Research Group), DSSGx Warwick + TATI.</li> </ul>		
Calculation	% Role = <u>Number of Organizations or Initiatives that have that role</u> Number of total Orgs analyzed		
Coverage	4/ 56 Organizations/ Initiatives (7%).		

Category	Project roles included
<b>Project Lead</b>	Project Lead
Mentors	Mentors, Technical Mentors, Data science Mentor
<b>Data Scientists</b>	Makers, Fellows
<b>Project Manager</b>	Project Manager
<b>Project Partner</b>	Project Partner

## 14. Funding Sources - Variables & Assumptions

Indicates the different sources the Organization/ Initiative uses to get funding.
<ul> <li>All funding sources found were included in one of the following four categories:</li> <li>Partnerships</li> <li>Donation/ EU Funding/ Project Patronage</li> <li>Membership Fee</li> <li>Sponsorship</li> </ul>
The source for this indicator was the <i>Organizations/ Initiatives' websites</i> (DSSG Portugal, DSSG Spain (SoGooData), DSSG Solve, BE-GOOD Project: Open Data For Smarter Society, DSSG Europe (Foundation), Center for Data Innovation, Fable Data, FairsFair Project, Data for Good, DataKind, Data.org, Data Science for Social Good, Data4PT, DSSGx (Vollmer Research Group), DSSG (Tilburg), Vera Solutions, DSSGx Warwick + TATI, AI for Tomorrow, IBM Social Good Fellowship, Microsoft AI for Good, Data for Good Madrid, Data for Good Barcelona, CorrelAid, Tech for Good, CorrelAidX Austria, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Göttingen, CorrelAidX Hamburg, CorrelAidX Jena, CorrelAidX Karlsruhe, CorrelAidX Konstanz, CorrelAidX Leipzig, CorrelAidX Mannheim, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Ruhrgebiet, CorrelAidX Stuttgart, CorrelAidX Switzerland, CorrelAidX Munich).
Usually, this information is stated on the website under the tabs named 'Sponsors & Partners', 'Collaborate', 'How to join us', 'Sponsors', 'Our partners', 'Fund our Work'.
% Funding Source = <u>Number of Organizations or Initiatives Funding Source.</u> Number of total Orgs analyzed
42/56 Organizations/ Initiatives (75%).

# Description Indicates the Organizations/ Initiatives' revenues \* Sources & Assumptions Calculation Coverage -

<sup>\*</sup> Note: Due to the limited availability of data regarding annual revenues, it was not possible to fully meet the objective of this specific indicator within this report. However, given the importance of this metric for a comprehensive analysis, this indicator was included as a reference point, suggesting it as a key area for further development in future research efforts in this field.

<b>16. Num</b>	ber of E	<b>Employees</b>	<ul><li>- Variables 8</li></ul>	Assumptions

Description	The number of people that work on each Organization/ Initiative (these could either be volunteers or paid employees).
Sources & Assumptions	The primary source for this indicator was the <i>Organizations/ Initiatives' websites</i> (DSSG Solve, Center for Data Innovation, Fable Data, Data for Good, DataKind, Centre for Innovation (Leiden University), Tech for Good Accenture, CorrelAid, DataKind Bengaluru, DataKind United Kingdom).
	In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from:  • LinkedIn – Data.org, Vera Solutions, Data for Good Barcelona).  • YouTube – CorrelAidX Berlin, CorrelAidX Hamburg, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Rhein-Main, CorrelAidX Switzerland).  In cases where there was no information on the listed sources, the following assumption was made:  • If the website had a dedicated page to present the team and did not present any volunteers information, it was assumed that this was the total number of people working for this Organization/ Initiative – Center for Data Innovation, Fable Data, Data.org, Center for Innovation (Leiden University), Vera Solutions, Tech for Good Accenture, CorrelAid.  • If the website had a dedicated page to present the volunteers and did not present any team information, it was assumed that this was the total number of people working for this Organization/ Initiative – DSSG Solve, Data for Good, DataKind Bengaluru, DataKind United Kingdom, DataKind, Data for Good Barcelona.  • If website had dedicated pages to present both the team and the volunteers, it was assumed that the sum of both was the total number of people working for the Organization/ Initiative – CorrelAidX Berlin, CorrelAidX Hamburg, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Rhein-Main, CorrelAidX Switzerland.
Calculation	The data collected was divided into quartiles.  Number of employees = $\sum$ Organizations or Initiatives that belong to each quartile.
Coverage	19/ 56 Organizations/ Initiatives (34%).

## 17. Organizational Structure - Variables & Assumptions

Description	Concerns to the Organization/ Initiative Organizational Chart.	Category	Roles included
Source & Assumptions	<ul> <li>All roles found were included in one of the following six categories:</li> <li>Decision-making Body/ Person</li> <li>Data Science Managers</li> </ul>	Decision-making Body/ Person	Director, Board of Directors, Executive Directors, Co-President, Administration
	<ul> <li>Other Managers</li> <li>Mentors</li> <li>Data Science &amp; Policy Staff</li> </ul>	Data Science Managers	Lead Management Team, Project Managers, Technical Manager
	• General/ Support Staff  The source for this indicator was the <i>Organizations/ Initiatives' websites</i> (DSSG Portugal, DSSG Europe (Foundation), Center for Data Innovation, Fable Data, Data for Good, DataKind, Data.org, Data Science for Social Good, Data4PT, Centre for Innovation (Leiden University), DSSGx (Vollmer Research Group), Centre for Social Data Science, Tech for Good Accenture, CorrelAid, CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Dortmund, CorrelAidX Hamburg, CorrelAidX Konstanz, CorrelAidX Mannheim, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main).	Other Managers	Beneficiaries Management Team, Community Manager, Solve4Good Community Manager, Volunteers Management Team
		Mentors	Coordinator, Data Science Mentors, Technical Mentors, Advisors
		Data Science & Policy Staff	Policy Analyst, Senior Policy Analyst, Europe fellows, Intern, Initiatives, Grad Students, Fellows, Visiting lecturers, Assistants, Research Assistants, PhD students, Researchers, Research Assistant, Teaching Assistants
Calculation	% Organizations = <u>Number of Organizations or Initiatives with that position.</u> Number of total Orgs analyzed	General/ Support Staff	Core Staff, Designer, Communication & PR, Europe Staff
Coverage	23/ 56 Organizations/Initiatives (41%).		

## 18. KPIs (General) - Variables & Assumptions

#### Indicates the Key Performance Indicators (used to measure performance over Description time for a specific objective) adopted by each Organization/Initiative. **Source &** All KPIs found were included in one of the following eight categories: **Number of projects Assumptions** Number of community members Number of "followers" Number of countries Number of impacted people/ organizations Number of events Number of Publications Impact indicators of the Data Science projects The primary source for this indicator was the *Organizations/ Initiatives' websites* (DSSG Portugal, DSSG Spain (SoGooData), DSSG Solve, Vera Solutions, Data for Good Madrid, Data for Good Barcelona, Tech for Good Accenture, Data 4 Good, Number of Tech for Good, Data for Good SAS). **Publications** In cases where there was no information on the Organization/ Initiative's website, this information may have been collected from: Impact indicators of • *Project's detailed description* – Data for Good, BE-GOOD Project: Open Data the Data Science For Smarter Society, DSSG Europe (Foundation), Fable Data, FairsFair Project, projects Data for Good, DataKind, Data.org, CorrelAid. • Organization/ Initiative Blog - DSSG Berlin, Data Science for Social Good. • YouTube - CorrelAidX Berlin, CorrelAidX Bremen, CorrelAidX Konstanz, CorrelAidX Mannheim, CorrelAidX Munich, CorrelAidX Netherlands, CorrelAidX Paris, CorrelAidX Rhein-Main, CorrelAidX Switzerland, Data.org. **Calculation** % KPIs = <u>Number of Organizations or Initiatives with that KPI</u> Number of total Orgs analyzed **Coverage** 31/56 Organizations/Initiatives (55%).

Categories				
Number of projects	Number of Projects, Number of new projects posted in the past month, Number of projects completed, Number of Initiatives			
Number of community members	Number of community members, number of newsletter subscribers, Number of fellows.			
Number of "followers"	Number of people that follow their social media, Number of people subscribing to the mailing list, number of subscribers to the newsletter			
Number of countries/ cities	Number of countries, Number of countries that the organization already expanded.			
Number of impacted People/ Organizations	Number of organizations helped, Number of People helped, who will benefit			
<b>Number of Events</b>	Number of Events			
Number of	Articles already published about the organization, Research publications			

number of video interviews

capabilities")

that used their data and initiatives, number of new pieces and articles and

Resource Optimization (i.e. "communicate in a more impactful way the

transport sharing, pollution reduction in the city"), SDGs Covered (i.e.

(i.e. "Made Organizational Charts Useful, Visualizing the summary of a

results of each parish"), Pollution reduction (i.e. "measure the impact of

supported-SDGx, SDGx.."), The direct impact each project/ solution had

process"), Impact measured by the reduction in cost (i.e. Our app reduced

costs in 20%"), Health (i.e. "With the app producer can see when for how

long you can store a product"), Social Benefits (i.e. "With the app small

producers will be able to increase their income by XX%"), Education(i.e.

educators, and parents can get a holistic idea of the student's

"Use data science to grade K-12 students' writing portfolios so students,

19. KPIs (Impact) - Variables & Assumptions				
Description	This indicator specifies how Organizations/ Initiatives measure the impact of their data science projects.			
	All impact indicators of data science projects were included in one of the following three categories:  • Measure the impact through the results  • Measure the impact thought the SDGs  • Measure the impact thought the social impact area  The source for this indicator was the Organizations/ Initiatives' websites (DSSG Portugal, DSSG Spain (SoGooData), DSSG Solve, Data for Good, Data for Good, Data for Good Barcelona)			
Calculation	% of Org. or Init. per type of measure = $\sum$ Organizations or Initiatives that used each measure			
Coverage	7 /56 Organizations/ Initiatives (13%).			

## 20. Social Impact Area - Variables & Assumptions

Description	Areas of Social Impact Area in which the Organization/ Initiatives develop activities.				
Sources & Assumptions	All Data Science projects found were included in one of the following seventeen Social Impact categories, considering the United Nations Sustainable Development Goals (SDGs):				
	Data for Good, BE-GOOD Project: Open Data For Sr (Leiden University), DSSGx Warwick + TATI, AI for To In cases where the UN SDGs were not clearly stated	<ul> <li>7. Affordable and Clean Energy</li> <li>8. Decent Work and Economic Growth</li> <li>9. Industry, innovation and Infrastructure</li> <li>10. Reduced Inequalities</li> <li>11. Sustainable Cities and Communities</li> <li>12. Responsible Consumption and production</li> </ul> nizations/ Initiatives' websites – projects/ events/ initiatives description marter Society, DSSG Europe (Foundation), Data for Good, Datake omorrow, Data for Good Barcelona, and Data 4 Good. d, the following assumption was made: the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the most significant impact was identified and the respective SDG were as the mos	Kind, Peace-Work, Data.org, Data4PT, Center for Innovation		

BE-GOOD Project: Open Data For Smarter Society, DSSG Europe (Foundation), DataKind, Peace-Work, Data.org, Data4PT, Center for Innovation (Leiden University), DSSGx

**Calculations** Number Org. or Init. by  $SDG = \sum Number$  of Org. or Init. with that SDG

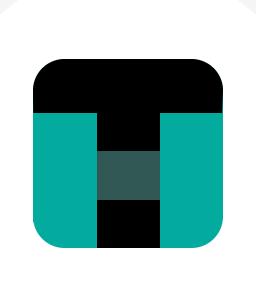
Warwick + TATI, AI for Tomorrow, Data for Good Barcelona, Data 4 Good.

% Projects by SDG = <u>Number of projects with that SDG</u> Number of total Projects analyzed

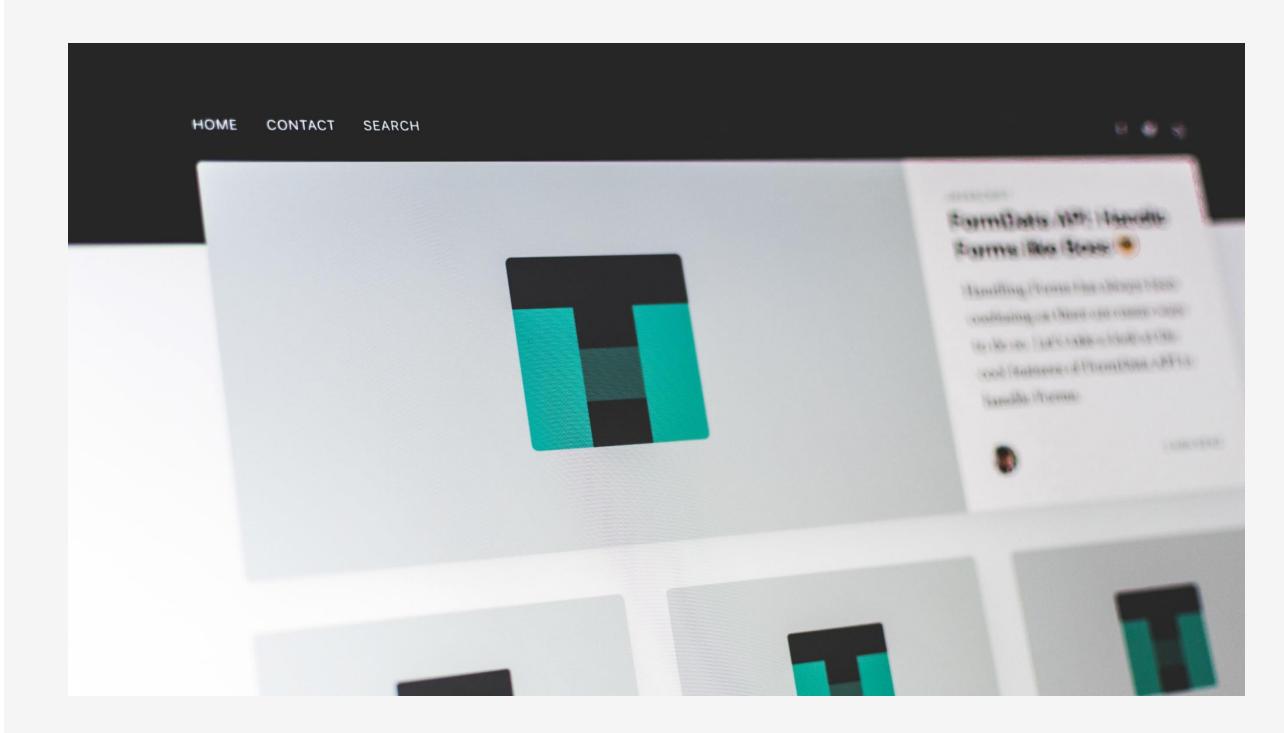
**Coverage** 16/ 56 Organizations/ Initiatives (29%).

# Examples of good practices

Throughout the Benchmark Report, we will present examples of good practices regarding how the Data for Good Organization/ Initiatives benchmarked manage and communicate some key-indicators.



## **Organization/Initiative name**





## Main findings

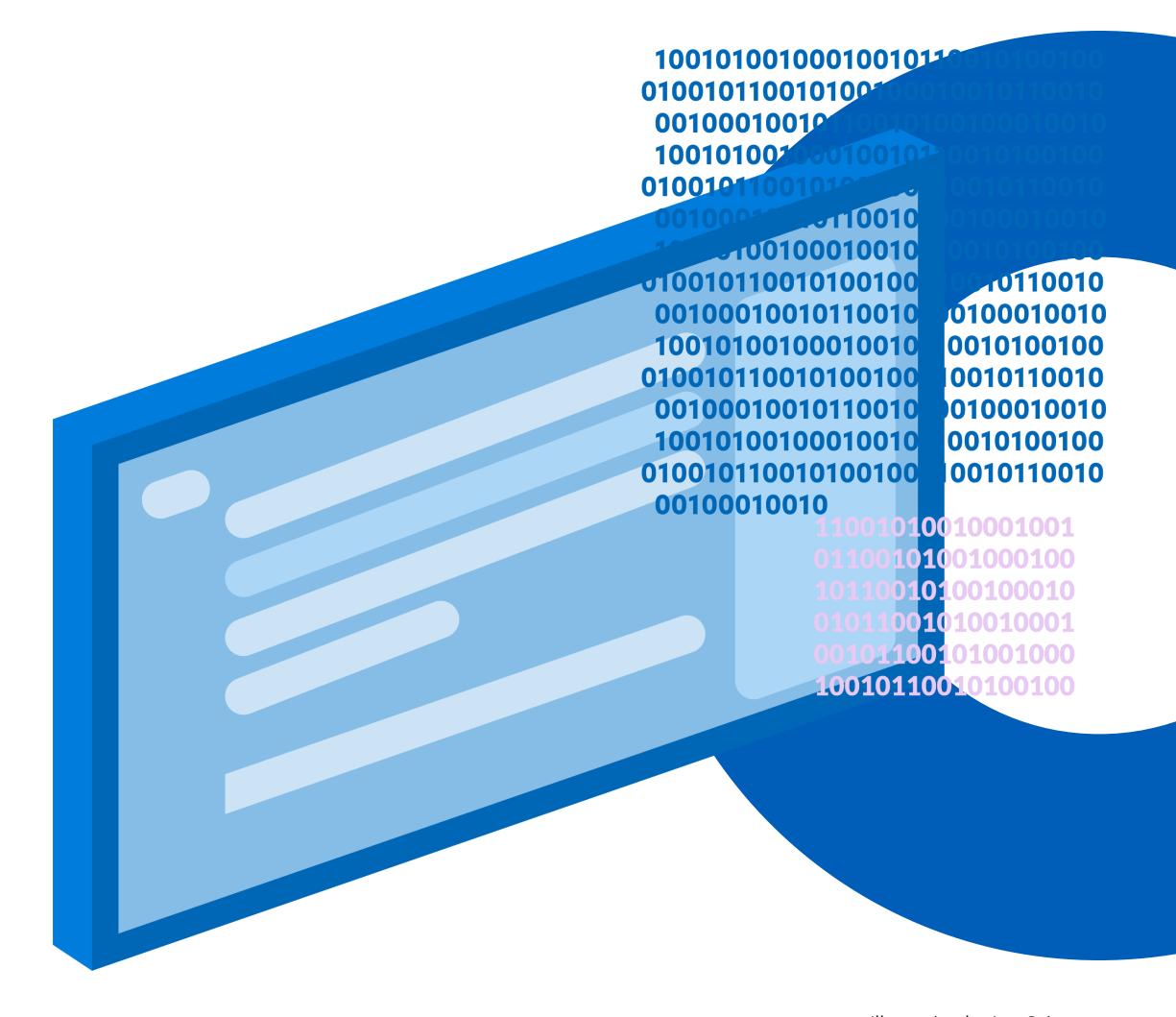


Illustration by Ana Seixas





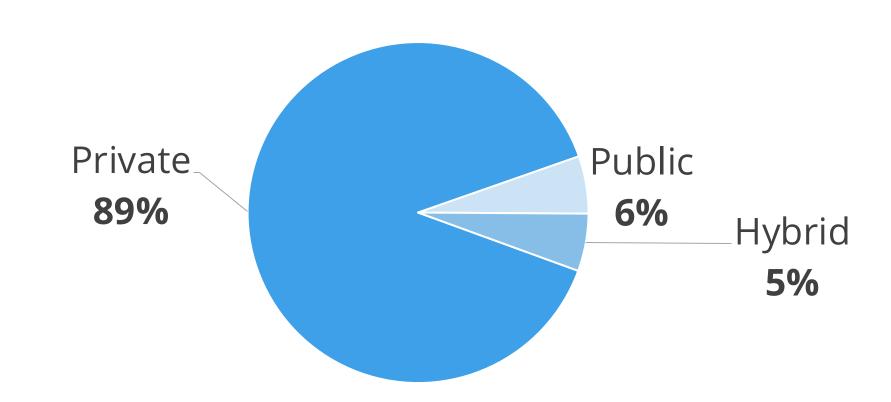




# 89% of the Organizations/ Initiatives are Private and 100% are Active

#### 2. OWNERSHIP

Proportion of Organizations/ Initiatives that are Public and Private



From the 56 Organizations/ Initiatives benchmarked, 89% are Private.

#### 1. STATUS

Proportion of Organizations/ Initiatives that are Active, Passive or Inactive Private

## Active

Had at least one project in the **last year** 

## 100%

#### Passive

The **most recent** project was in the **last two years** 



#### Inactive

The **last projec**t was more than **two years ago** 



All the 56 Organizations/ Initiatives benchmarked are Active.

Total: 56 Organizations/ Initiatives

Total: 56 Organizations/ Initiatives









## 93% are Non-Profit and mostly are Initiatives

#### 3. LEGAL FORMAT

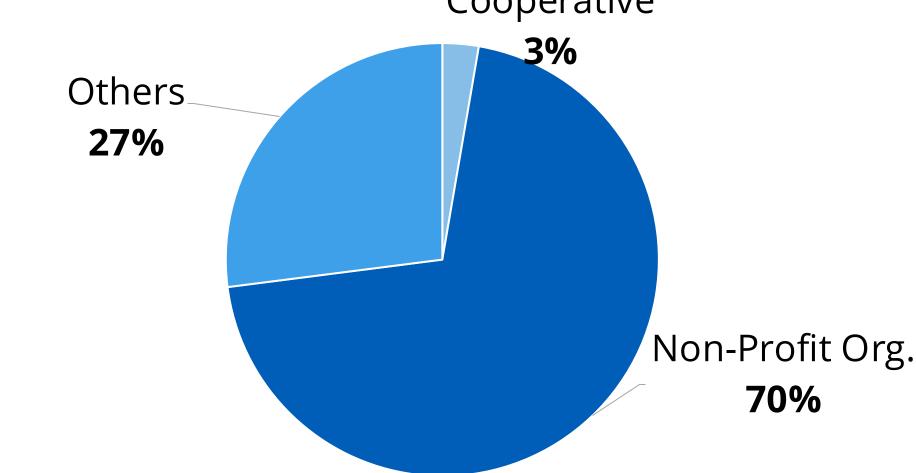
Proportion of Organizations/ Initiatives that are For-Profit and Non-Profit





From the 40 Organizations benchmarked, 93% are Non-Profit.

Organizations/ Initiatives benchmarked distributed by legal format Cooperative



From the 37 Organizations that were Non-Profit, 26 are Non-Profit Organizations and 1 is a Cooperative.

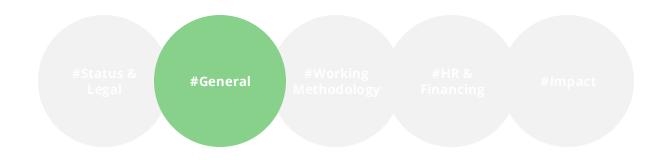
Total: 45 Organizations/ Initiatives

Total: 37 Organizations





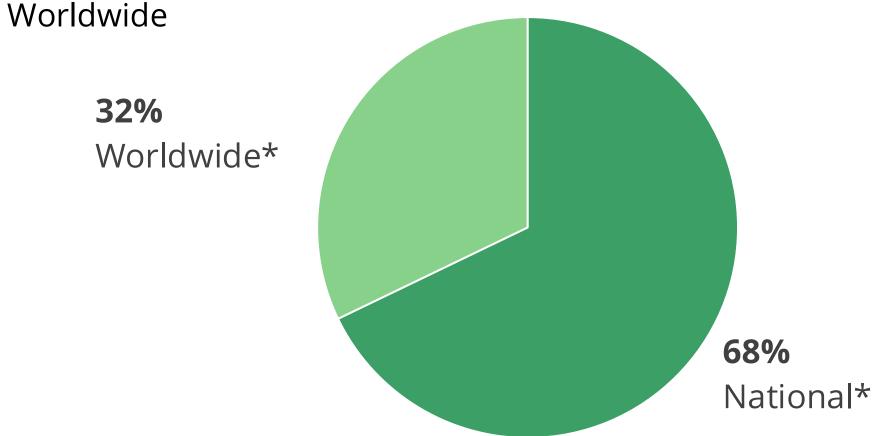




# 68% Organizations/ Initiatives operate Nationally and 59% were created in the last 5 years

#### 5. GEOGRAPHICAL SCOPE

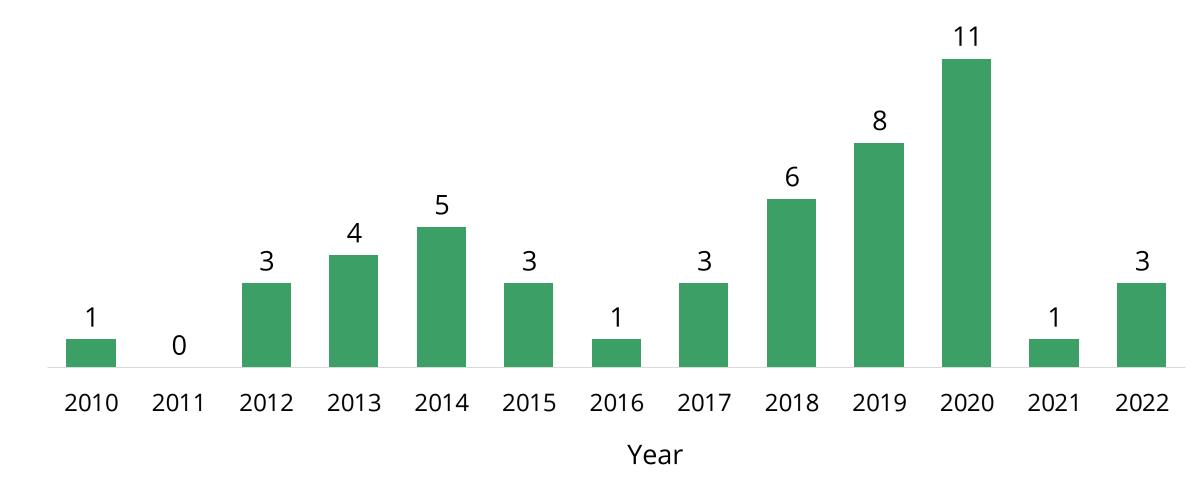
Proportion of Organizations/ Initiatives that develop activities Nationally and



From the 56 Organizations/ Initiatives benchmarked, 68% develop activities Nationally.

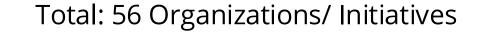
#### 6. CREATION YEAR

Organizations/ Initiatives benchmarked distributed by creation year



From the 49 Organizations/ Initiatives with information available, 22% were created in 2020.

Total: 49 Organizations/ Initiatives











# 79% Organizations/ Initiatives have Social Impact & Social Good as preferred industry/ focus

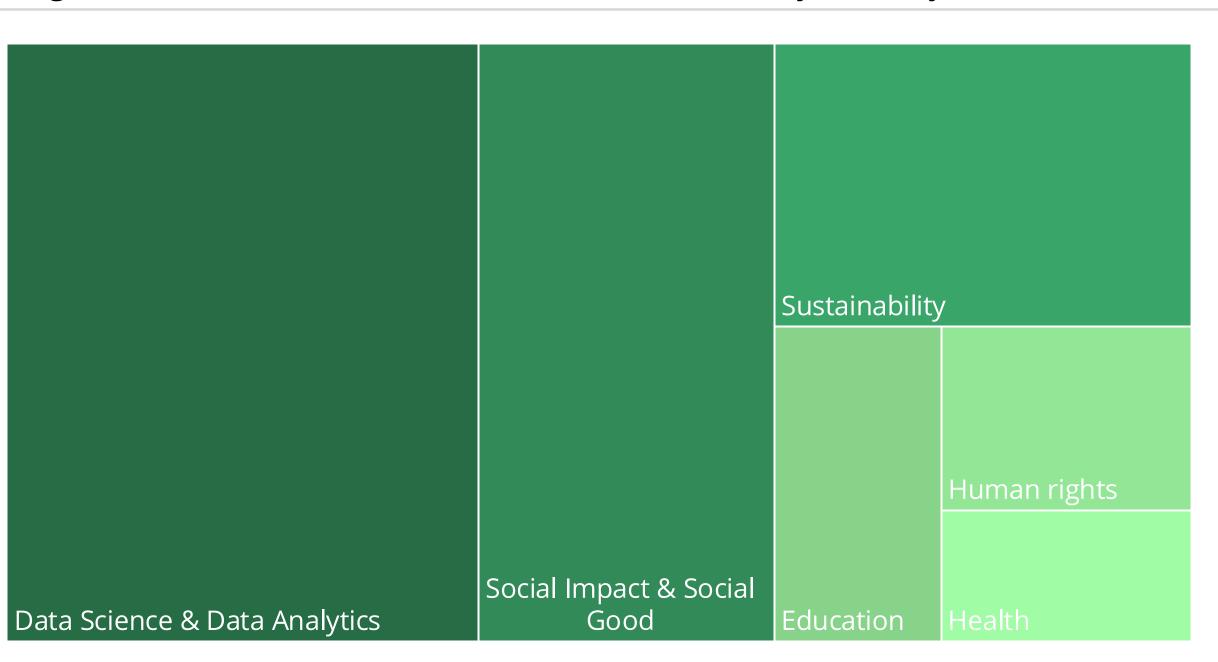
#### 7. PREFERRED INDUSTRY/ FOCUS

To better visualize this indicator, the industries were classified in 6 categories:

Data Science & Data Analytics	126%
Social Impact & Social Good	79%
Education	24%
Human Rights	21%
Health	15%
Sustainability	53%

From the 34 Organizations/ Initiatives, the most common industry/ focus are Data Science & Data Analytics and Social Impact & Social Good, respectively.

Organizations/ Initiatives benchmarked distributed by Industry/ Focus



Total: 34 Organizations/ Initiatives









# The most common type of partnership is Data Partnerships

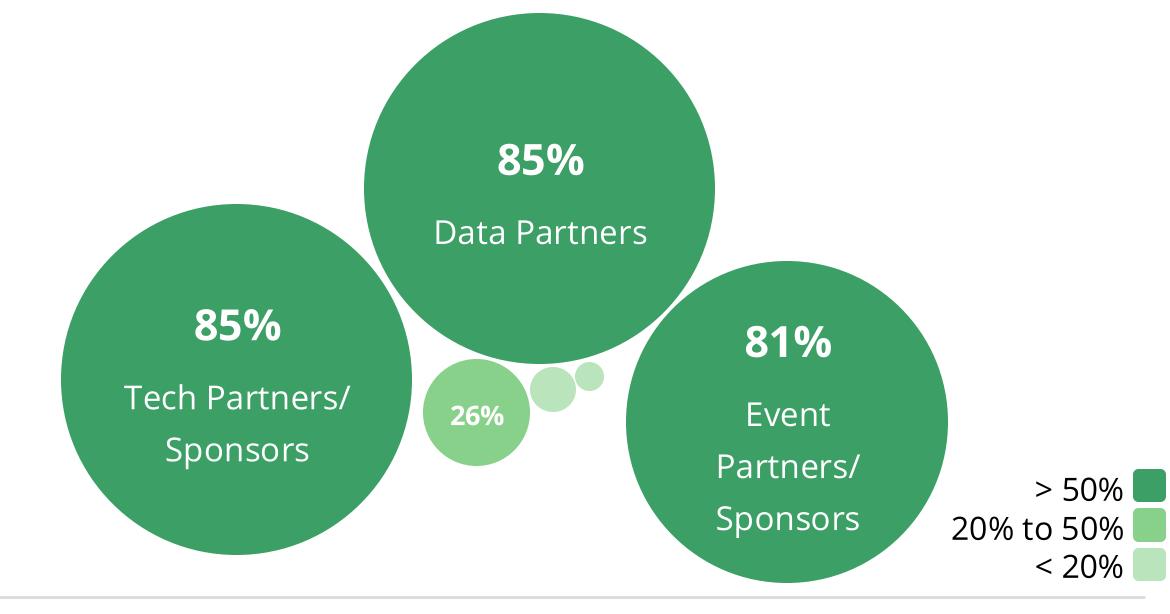
## 8. TYPES OF PARTNERSHIPS

The type of partnerships were classified in 6 categories:

Data Partners	85%
Tech Partners/ Sponsors	85%
Event Partners/ Sponsors	81%
Sponsors	26%
Funding Partners/ Building Partners	19%
Knowledge Partners/ Program Support	11%

From the 56 Organizations/ Initiatives benchmarked, 31 have information about their Type of Partnerships available.





Total: 31 Organizations/ Initiatives









# Most Organizations/ Initiatives have projects, events, trainings and activities

#### 9. TYPE OF ACTIVITIES

Proportion of Organizations/ Initiatives distributed by type of activities

All listed

82%

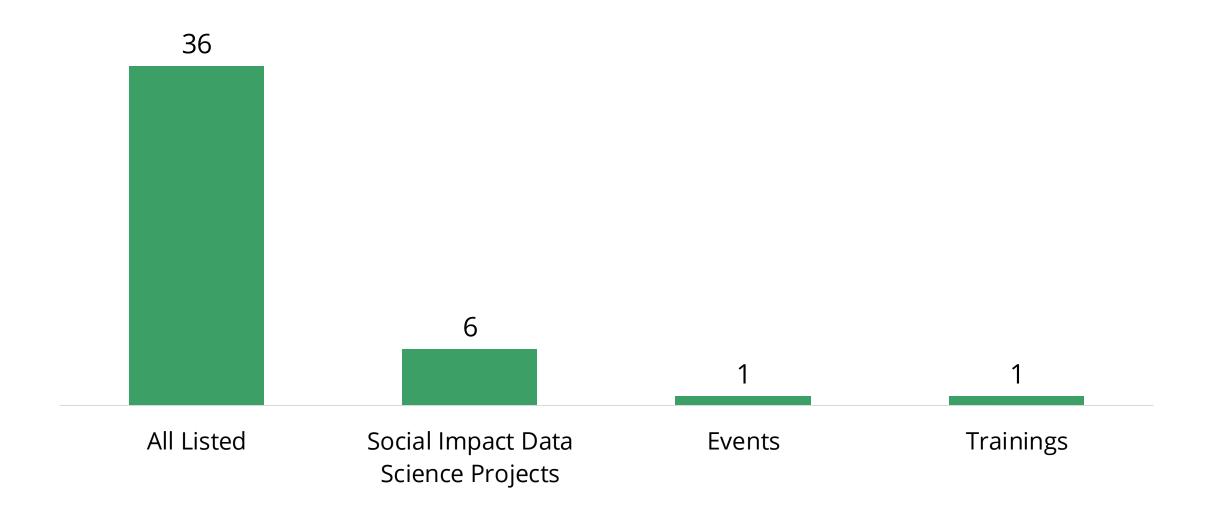
Exclusively Social Impact DS Projects
14%

Exclusively Trainings
2%

Exclusively Events
2%

From the 44 Organizations/ Initiatives with information available, 82% have all three categories of activities.

Organizations/ Initiatives benchmarked distributed by type of activities



Total: 44 Organizations/ Initiatives









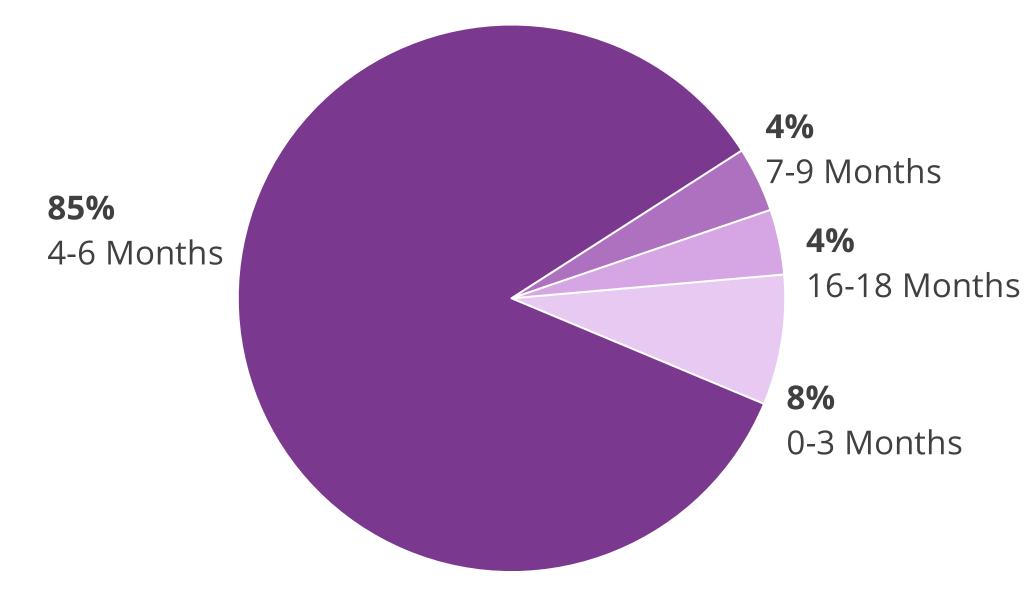
# Mostly it takes 4-6 months to complete a project

#### 10. PROJECT DURATION

For 85% of the 29 Organizations/ Initiatives with information available, DS projects take around 4 to 6 months from kick-off to completion.

Note: Three Organizations/ Initiatives are not represented in the visualization because they were outliers. All the tree have one single project documented, with timelines higher than 2 years (BE-GOOD Project: Open Data For Smarter Society – 6 years; FairsFair Project – 2 years and – 4 years).

Organizations/ Initiatives benchmarked distributed by project duration



Total: 26 Organizations/ Initiatives





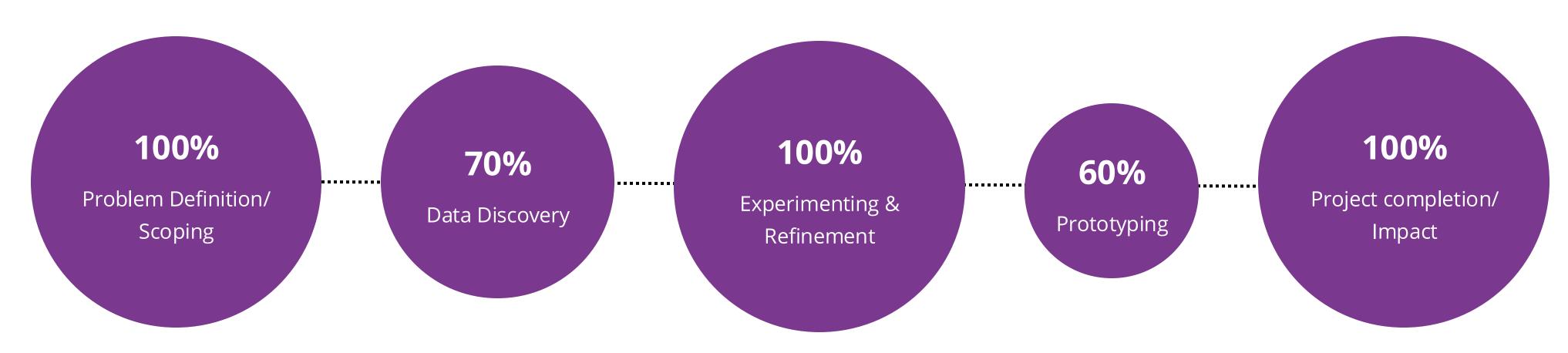




# Each Initiative has its working methodology regarding project development

#### 11. WORKING METHODOLOGY FOR DATA SCIENCE PROJECTS

Standardized Project Workflow (according with the categories defined)



From the 56 Organizations/ Initiatives benchmarked, 10 have information about the Organizational Structure available online.

> 50% 20% to 50% < 20%

Total: 10 Organizations/ Initiatives







2021-1-DE01-KA220-HED-000029711 | BENCHMARK REPORT (PR1)

# 1. Examples of good practices

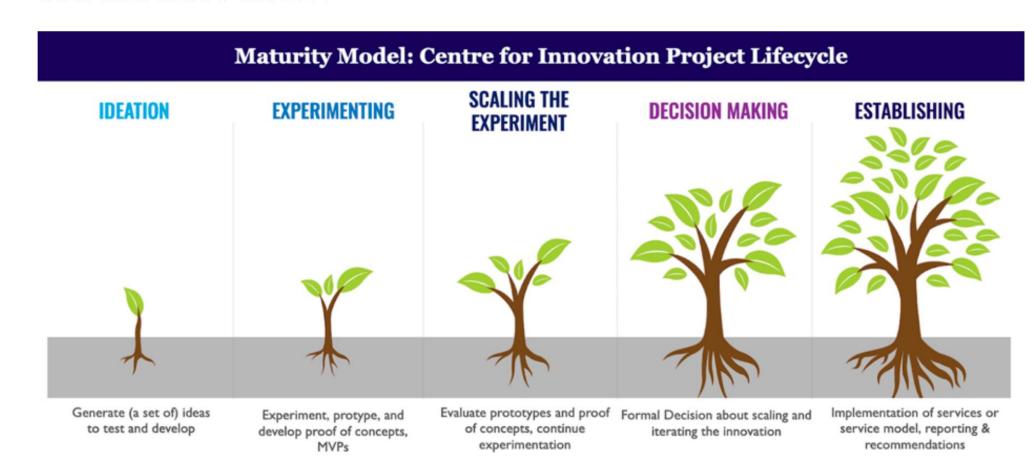
Center for Innovation is an example of good practice when it comes to project development. It indicates all the five steps towards the completion of the project, even comparing it to the growth of a tree. Starting with an indentation which is the generation of the idea, then experimenting, followed by scaling the experiment, decision making, and finishing with establishing. Adopting this method, it makes easier to see and understand the working methodology of the Organization.





#### **Center for Innovation**

#### **OUR MATURITY MODEL**



2021-1-DE01-KA220-HED-000029711 | BENCHMARK REPORT (PR1)

# 2. Examples of good practices

Fable data is also an excellent example when it comes to the explanation of the project development. In only four steps the reader can immediately understand what is the Organization's working methodology. First Acquire, followed by structure, then analyze ending with delivering. Once again, by adopting this method it is clear to the reader the working methodology of the Initiative.

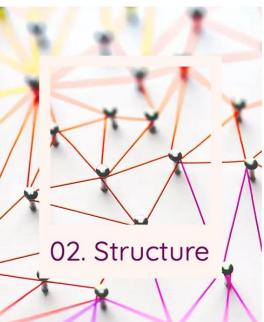




#### **Fable Data**

Fable's bespoke four stage process to produce world class datasets...









**Contact Us** 



# Most of the Organizations/ Initiatives have 5 team members on the DS projects

#### 12. TEAM SIZE

Organizations/ Initiatives distributed by team sizes

**Up to 3** Members



4 to 5 Members



6 to 8 Members

9 to 10 Members



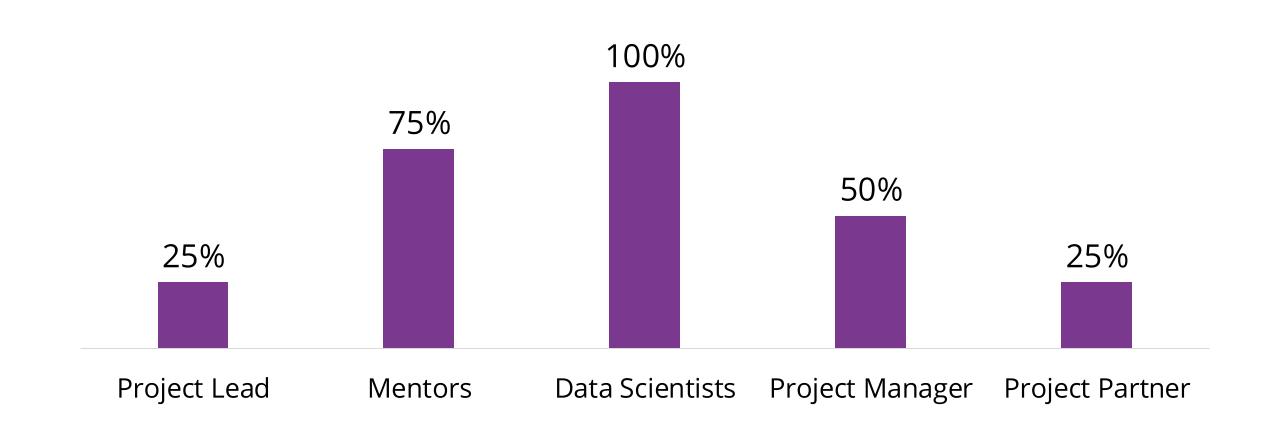


From the 11 Organizations/ Initiatives with information available, 5 have project teams with 6 to 8 members.

Total: 11 Organizations/ Initiatives

#### 13. TEAM CONSTITUTION PER PROJECT

Proportion of Organizations/ Initiatives benchmarked distributed by team roles



From the 4 Organizations/ Initiatives with information available, 5 categories of roles on the project team were identified.

Total: 4 Organizations/ Initiatives



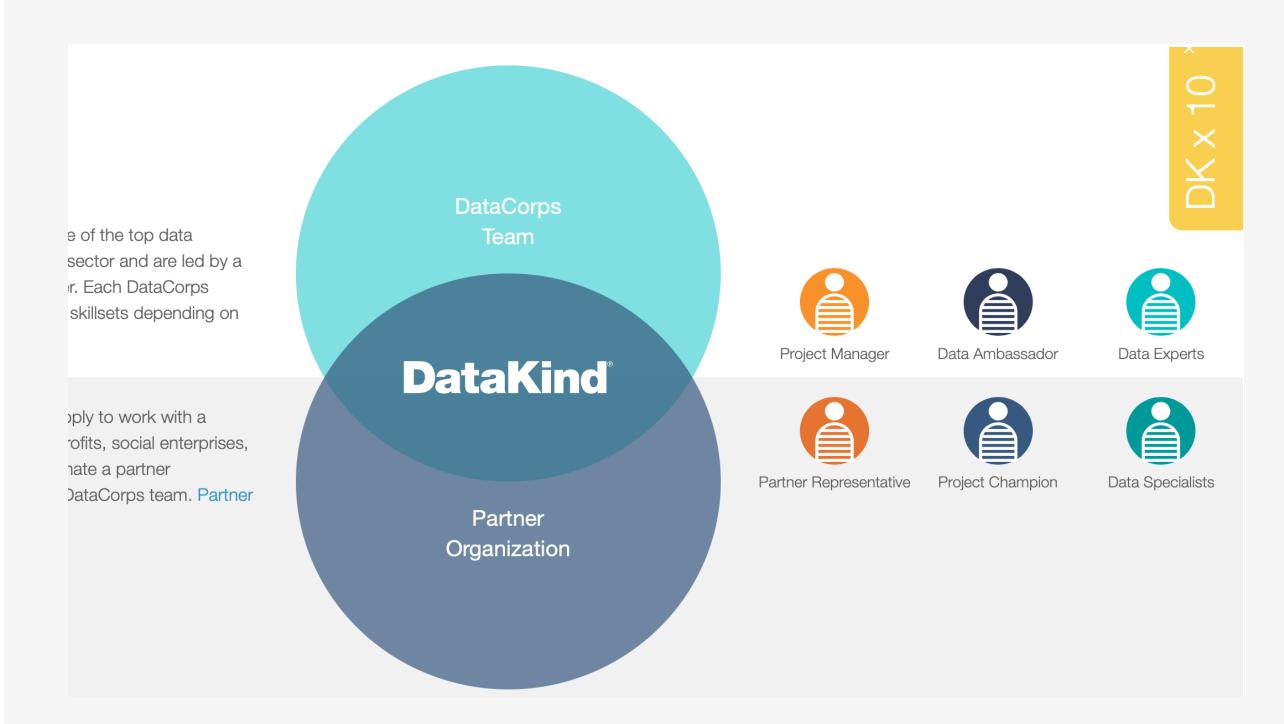




# 3. Examples of good practices

DataKind is one of the Organizations that give information regarding their team constitution. In this specific case, their teams are composed of six people, one project manager, a data ambassador, a data expert, a partner representative, a project champion and a data specialist. By making available this information it is easy to understand how each team is composed and to have an idea of how the Organization works.

### **DataKind** DataKind





2021-1-DE01-KA220-HED-000029711 | BENCHMARK REPORT (PR1)

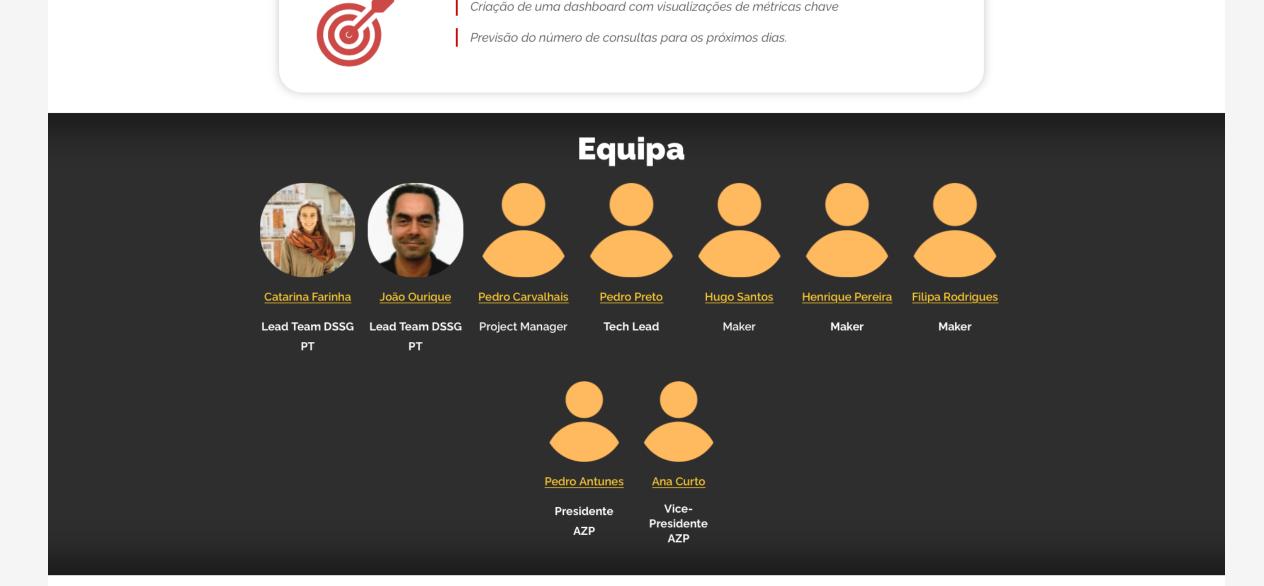
# 4. Examples of good practices

DSSG Portugal is an example of good practice when it comes to team constitution for Data Science projects. In this specific project, the team is composed of nine people, two team leaders, a project manager, a tech lead and tree "makers", plus two members from the partner team. By providing this information on their website, potential partners or volunteers can better understand how project teams can be composed.





#### **DSSG Portugal**



**Resultados** 



# The most common funding source are Partnerships (42%)

#### 14. FUNDING SOURCES

Donation/ EU Funding/ Project

Patronage

Proportion of Organizations/ Initiatives distributed by funding sources

Membership Fee

Partnerships

Partnerships are pointed as funding source by 83% of the 42 Organizations/ Initiatives with information available.

Total: 42 Organizations/ Initiatives

#### 15. ANNUAL REVENUE \*\*

Organizations/ Initiatives benchmarked distributed by annual revenue

\*\*Note: due to the limited availability of data regarding annual revenues, it was not possible to fully meet the objective of this specific indicator within this report.

However, given the importance of this metric for a comprehensive analysis, this indicator was included as a reference point, suggesting it as a key area for further development in future research efforts in this field.







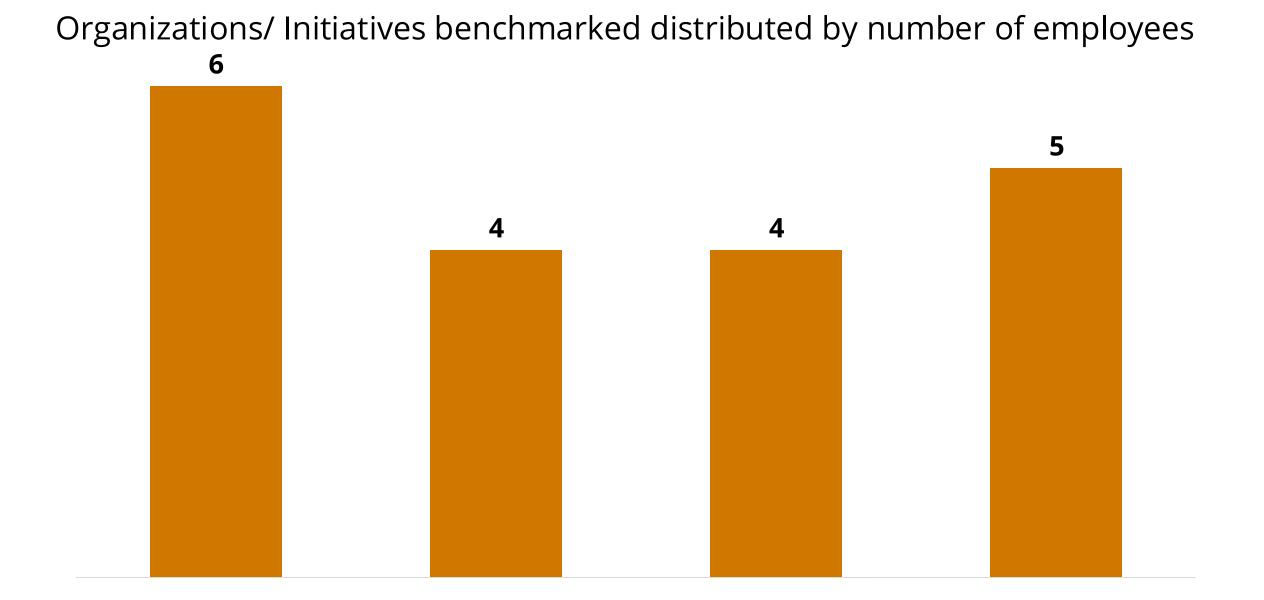


## Most Organizations/Initiatives have 5 to 13 employees

#### 16. NUMBER OF EMPLOYEES

From the 19 Organizations/ Initiatives with information available, 32% have 5 to 13 employees.

Note: once the majority of the information available does not provide details regarding whether the working positions are paid or volunteer, the "employees" referred in this indicator can be either paid employees or volunteers.



]13, 90]

[5, 13]

Total: 19 Organizations/ Initiatives

]550, 5000]





]90, 550]





## Each Organization/Initiative has its Organizational structure

#### 17. ORGANIZATIONAL STRUCTURE

Organizations/ Initiatives benchmarked distributed by organizational structure

Decision-making
Body/ Person
13%

Other Managers
22%

DS & Policy Staff
70%

General/ Support Staff
17%

From the 56 Organizations/ Initiatives benchmarked, 23 have information about the Organizational Structure available online.

Standardized organizational structure



Decision-making Body/ Person



Data Science Managers



Other Managers



**Mentors** 



Data Science & Policy Staff



General/ Support Staff

Total: 23 Organizations/ Initiatives







2021-1-DE01-KA220-HED-000029711 | BENCHMARK REPORT (PR1)

# 5. Examples of good practices

An example of good practice when it comes to Organizational structure is DSSG Portugal. On their website, they make available the teams that exist in the Organization and their main responsibilities. In this example, they have four main teams the volunteer's management team, communication team, sponsors and partners team and beneficiaries management team. This practice contributes to a better understanding of the Organization's working methodology.





#### **DSSG Portugal**

#### **Our Community**

data professionals and institutions working with social projects that will benefit from using data more effectively to solve their needs and challenges. We are composed of a lead team (transport and an ethics committee.

#### **Lead Team**

We work pro-bono in four main areas: volunteer management, communication, sponsors/partners, and beneficiaries management, trying to create impactful projects together with our

Volunteers Management Team

- Oversees volunteer's recruitment process
- Manages volunteer's relationship
- Organizes events for volunteers

Communication Team

- Develops and implements our communication strategy
- Manages all our communication channels (website, blog, social media)
- Supports volunteers communicating their projects' results

Sponsors & Partners Team

- Guarantees our financial stability
- Manages the relationship with sponsors and partners
- Defines a sustainability strategy

Beneficiaries Management Team

- Manages the relationship between volunteers and beneficiaries
- Defines the scope of projects done with beneficiaries
- Identifies and meets with beneficiaries to find problems we can help solve



## The most used KPIs are the Number of Projects and Number of Community Members

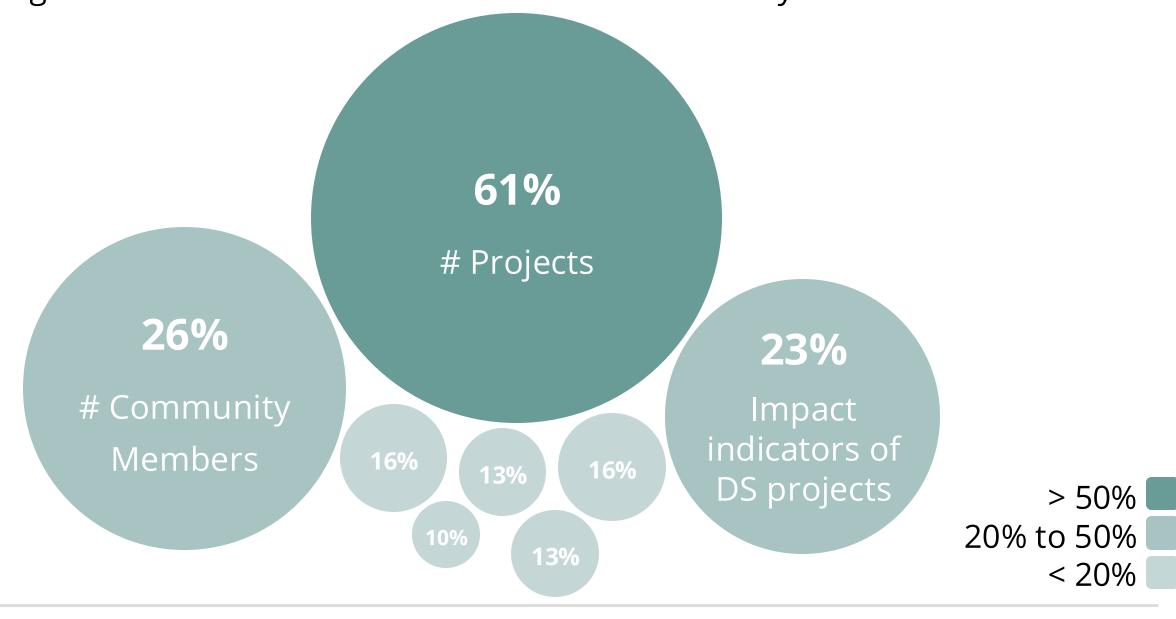
#### 18. KEY PERFORMANCE INDICATORS (GENERAL)

The KPIs were identified and classified in 8 categories:

Number or Projects	61%
Number of community members	26%
Impact indicators of the Data Science projects	23%
Number of "followers"	16%
Number of impacted people/ organizations	13%
Number of events	13%
Number Publications	10%
Number of countries	10%

From the 56 Organizations/ Initiatives benchmarked, 31 have information about their Key Performance Indicators available.





Total: 31 Organizations/ Initiatives









# 71% of the Organizations/ Initiatives measure impact through the results of each project

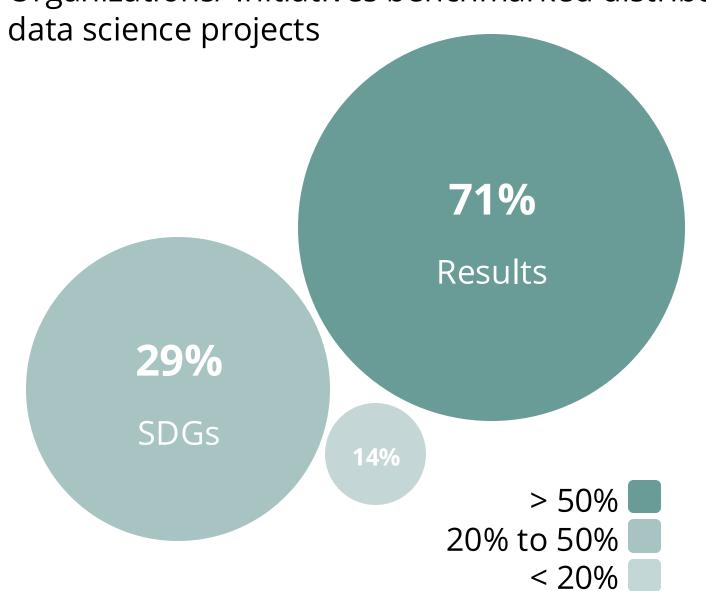
#### 19. KEY PERFORMANCE INDICATORS (IMPACT OF THE DATA SCIENCE PROJECTS)

Proportion of Organizations/ Initiatives distributed by the three categories of impact data science projects

Measure the impact through the <b>results</b>	71%
Measure the impact through the <b>SDGs</b>	29%
Measure impact through the <b>social impact areas</b> that each project covers	14%

From the 7 Organizations/ Initiatives with information available, 71% use the results of the projects to measure impact

Organizations/ Initiatives benchmarked distributed by impact indicators of



#### Results – Examples

- With the app were able to reduce xx%, Health, Environment, Energy and Environment, Economic Development increase income by xx%
- Number of users on the platform

#### SDGs – Examples

 This project covers the following SDGs (x,xx,..)

#### Social Impact Area – Examples

Social Impact areas covered:

- Health,
- Environment,
- Energy and Environment,
- Economic Development

Total: 7 Organizations/ Initiatives





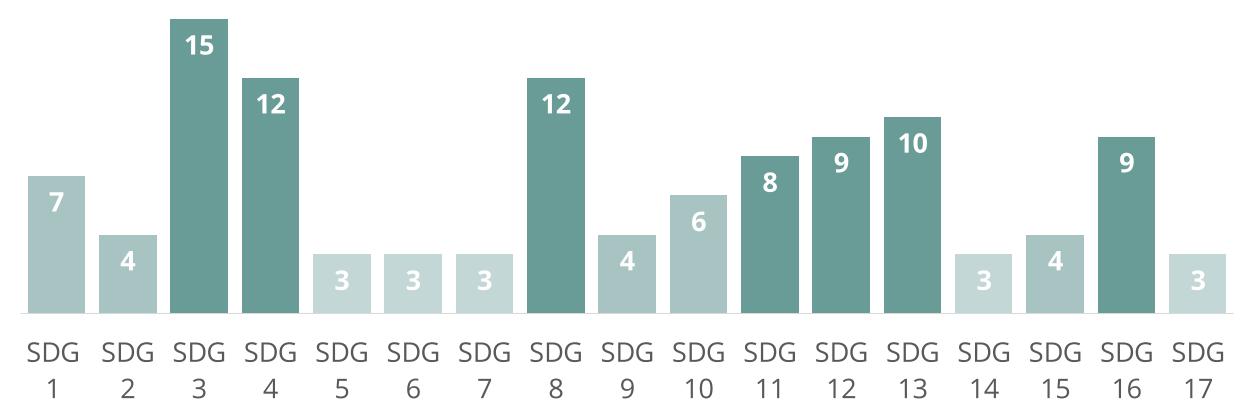




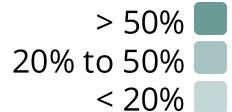
# Good Health and Well-being (SDG 3) is the most common Social Impact Area

#### 20. SOCIAL IMPACT AREA

Organizations/ Initiatives benchmarked distributed by SDG they address



From the 16 Organizations/ Initiatives with information available, the most common SDGs are SDG 3, SDG 4 and SDG 8, respectively.









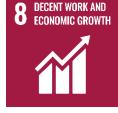




























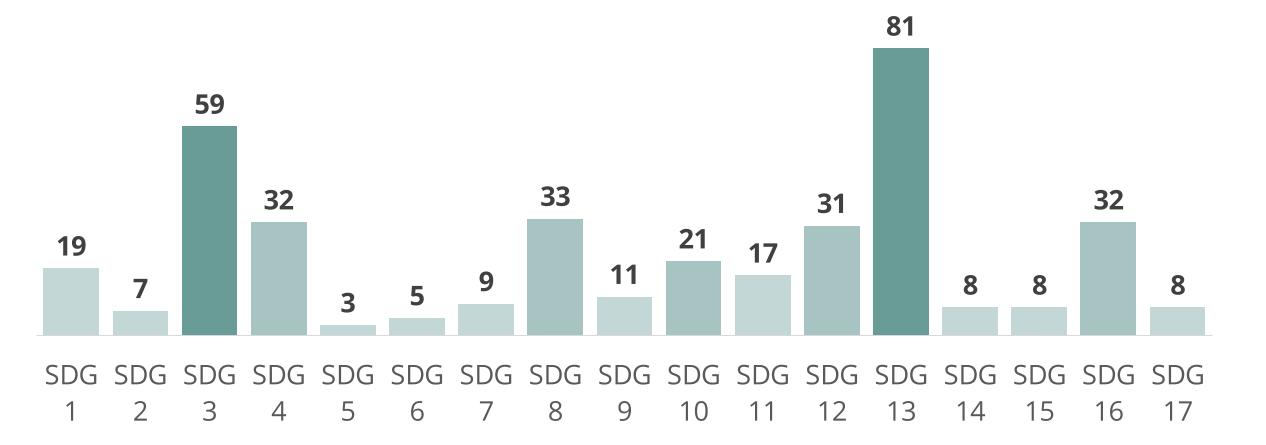




# Climate Action (SDG 13) is the most common Social Impact Area in Projects

#### 20. SOCIAL IMPACT AREA

Data Science projects distributed by SDG they address:



From the 384 projects found the most frequent SDGs are SDG 13 and SDG 3 respectively.









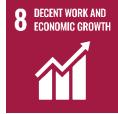
























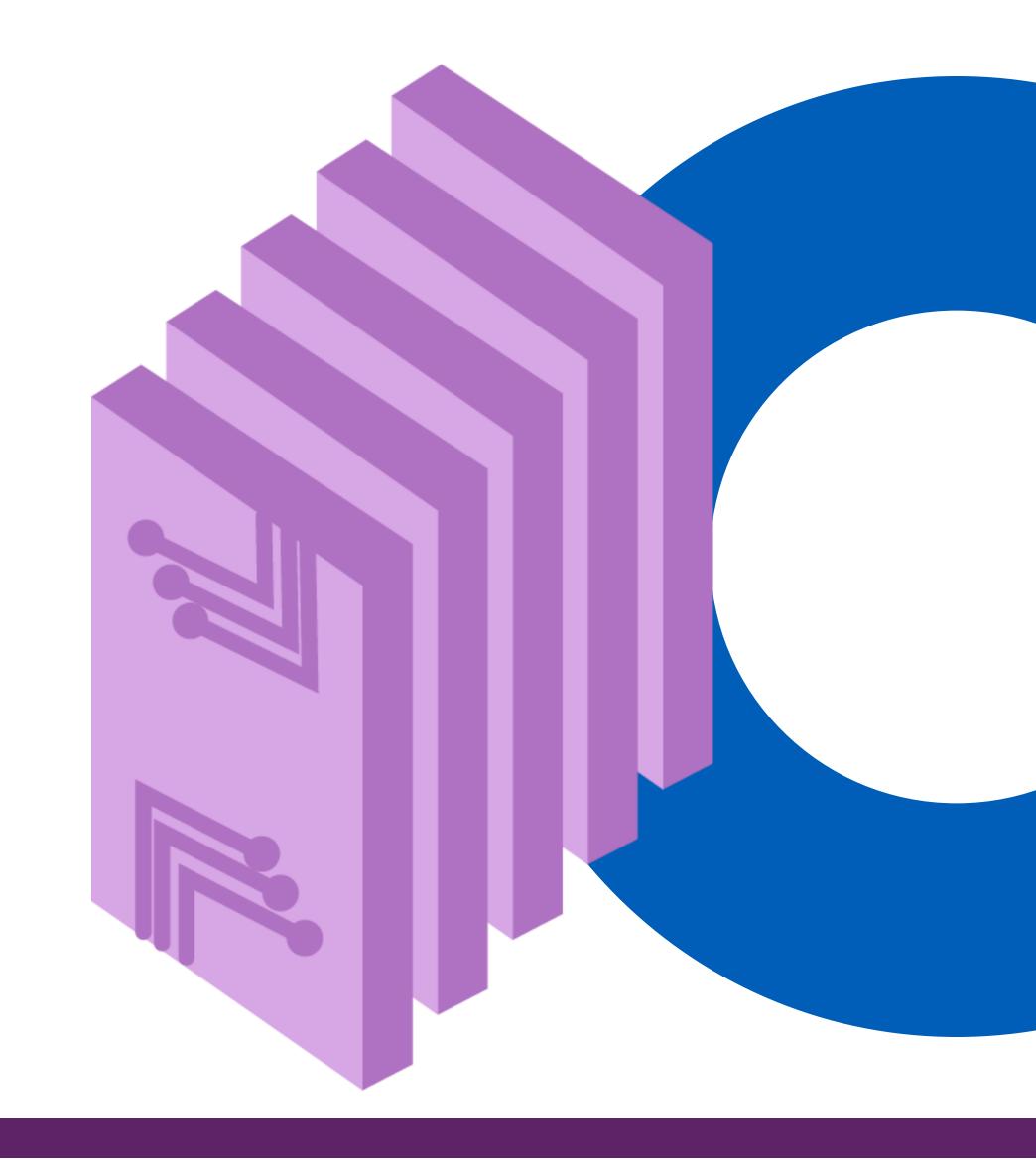
Total: 384 projects







# Organizations/ Initiatives in detail



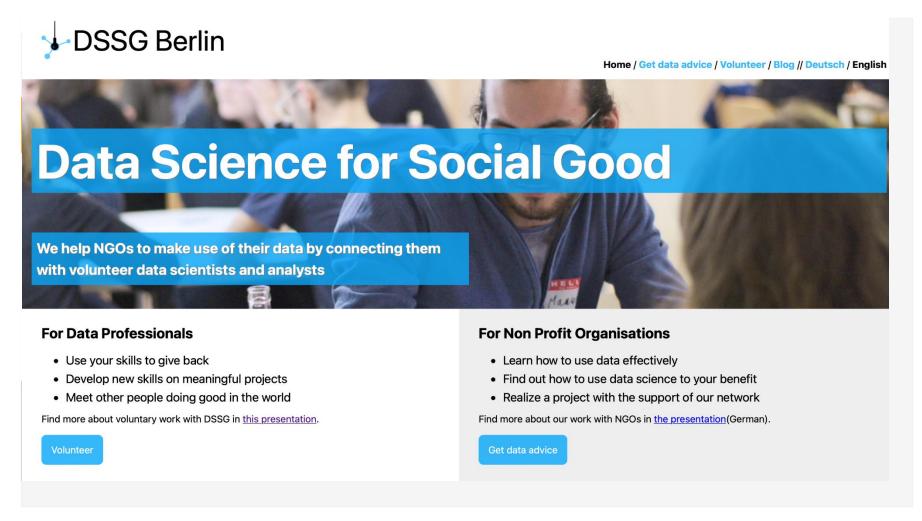






### DSSG Berlin

#### NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2015 Based in Berlin, **Germany** 

Teams of 5 to 6 **people** work in projects that are 6 months long

Website:

https://dssg-berlin.org/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

- Data science,
- Analytics,
- Machine learning, Data Analytics,
- Social Good, NGOs

#### Working methodology

- Problem definition,
- cleaning and joining of data.
- Follow-up & implementation

**Number of Employees** 

Team	constitution	ber broi	ect

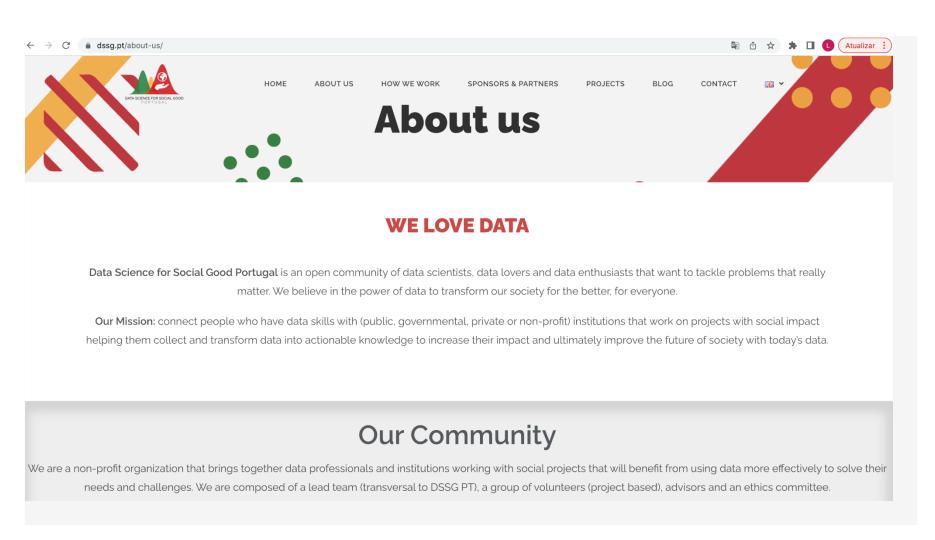
Organizational S	tructure

#### **Funding Sources**

#### Social Impact Areas

## DSSG Portugal

#### NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2018 Based in Lisbon, **Portugal** 

Teams of 5 to 6 **people** work in projects that are **3-6 months** long

Website

https://www.dssg.pt/

#### **Type of Activities**

Social Impact Data Science Projects

#### **Preferred industry/focus**

- Data science,
- Social Good, NGOs
- Machine learning, Data Analytics,
- Completion
- Analytics,

#### Working methodology

- Problem & Scoping
- Project kick-off Development
- Formal agreement Call for volunteers
- Project completion
- Team onboarding
- Impact review

#### **Team constitution per project**

- Project Lead
- Makers

#### **Number of Employees**

#### **Organizational Structure**

- Lead Management Team,
- Volunteers,
- Beneficiaries Management Team
- Management Team

#### **Funding Sources**

- Donations,
- Project Patronage,
- Sponsorship

#### Social Impact Areas\*

- SDG 1
- SDG 3
- SDG 4
- SDG 8
- SDG 12

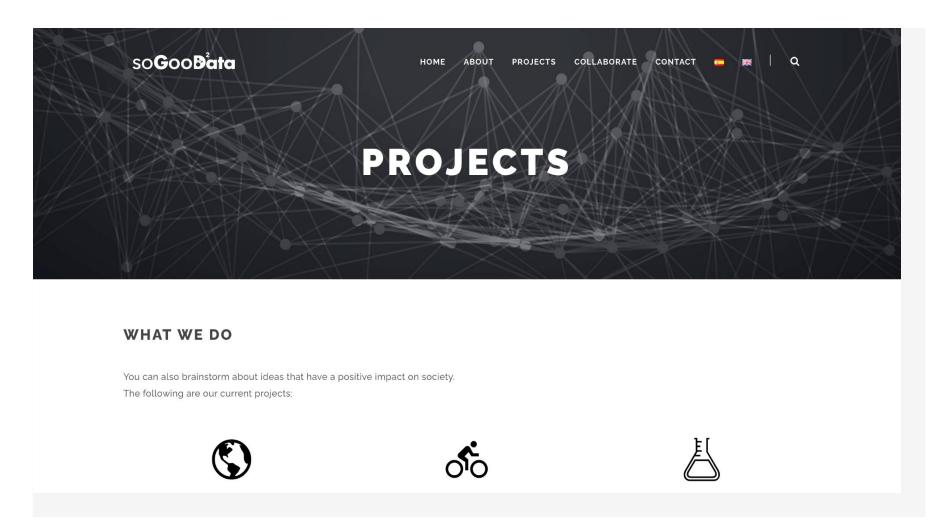
#### **KPIs**

- · Resource Optimization,
- Efficiency Maximization,

• Impact Increase

## DSSG Spain

#### NON-PROFIT ORGANIZATION



Non-Profit
Organization
Created in 2019

Based in Madrid, **Spain** 

Teams of 5 to 6 people work in projects that are 3-6 months long

Website

https://sogoodData.org/index.php/en//

#### **Type of Activities**

Social Impact Data Science Projects

#### Preferred industry/focus

- Data science,
- Social Good,

NGOs

- Machine learning,Data Analytics,
- Analytics,

#### **Working methodology**

-

#### Team constitution per project

-

#### **Number of Employees**

-

#### **Organizational Structure**

-

#### **Funding Sources**

Donations

#### **Social Impact Areas\***

• SDG 3

• SDG 12

SDG 4SDG 8

SDG 13SDG 17

- SDG 9
- SDG 11

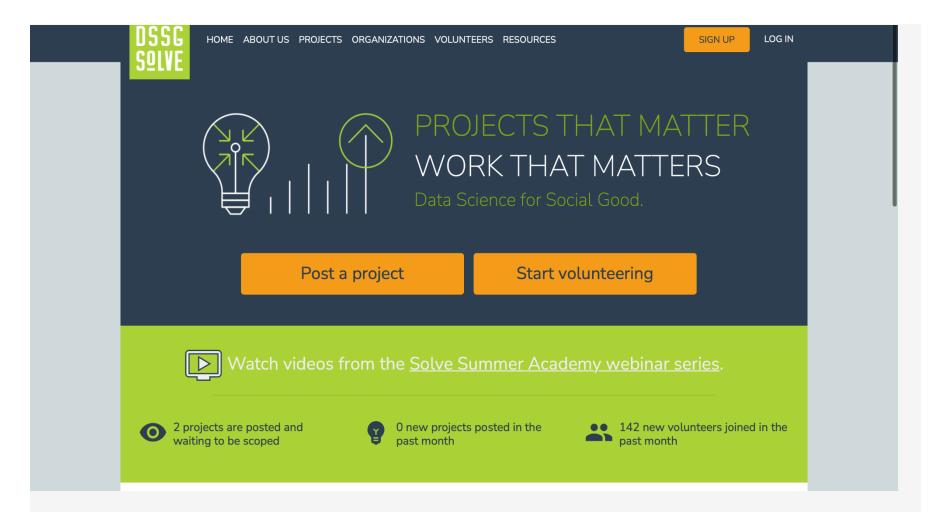
#### KPIs

- Resource Optimization,
- Efficiency Maximization,

• Impact Increase

### DSSG Solve

#### INITIATIVE



Non-Profit Initiative Created in 2020

Based in Chicago, **US** 

Teams of 5 to 6 people work in projects that are 5-9 months long

Website

https://www.solveforgood.org/about/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events
- Trainings

#### **Preferred industry/focus**

- Data science,
- Social Good,
- Social Impact

#### Team constitution per project

-

Machine learning

#### **Working methodology**

- Problem identification Analysis/ modeling
- Scoping

- Field validation/ pilot
- Data acquisition
  - Exploration

#### Taking action

#### **Number of Employees**

• More than 5000

#### **Funding Sources**

Partnership

#### **Organizational Structure**

-

#### Social Impact Areas\*

• SDG 3

• SDG 13

SDG 15

- SDG 4SDG 8
- SDG 12

#### **KPIs**

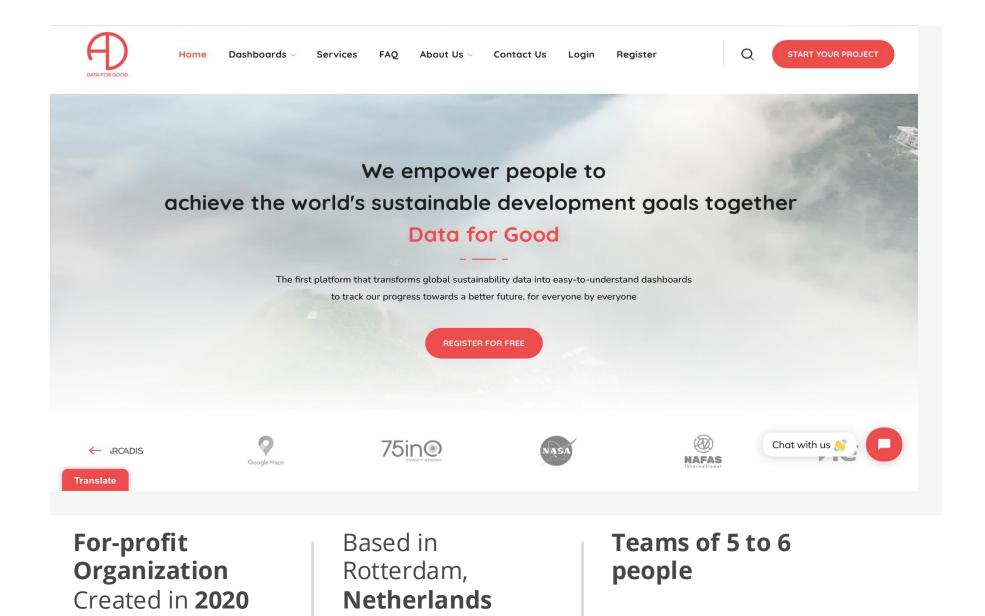
- Number of projects waiting to be scoped,
- Number of projects posted,

• Number of new volunteers



## Data for Good

#### FOR-PROFIT ORGANIZATION



Website

data-for-good.com/

#### **Type of Activities**

Social Impact Data Science Projects

#### **Preferred industry/focus**

- Data science,
- Social Impact
- SDGs

#### Working methodology

- Problem Definition,
- Review,

Shared

- Scoping, Call for volunteers,
- Development,

#### **Team constitution per project**

#### **Number of Employees**

#### **Organizational Structure**

#### **Funding Sources**

Partnership

#### **Social Impact Areas\***

- SDG 2 SDG 3
- SDG 8
- SDG 13 • SDG 14

- SDG 4
- SDG 9 • SDG 10
- SDG 16

• SDG 5

• SDG 6

- SDG 12
- SDG 11 • SDG 17

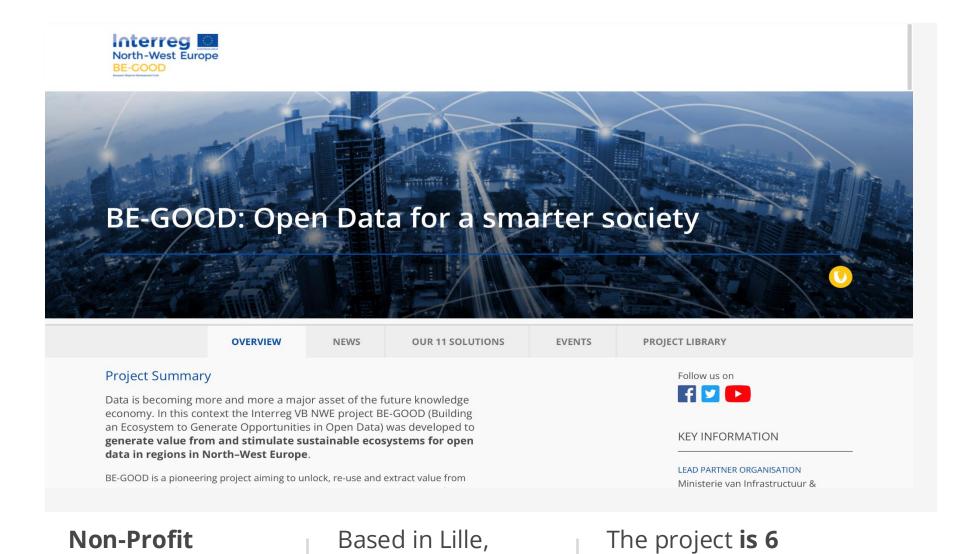
#### **KPIs**

• Measure the impact of each project,

Number of Users

## BE-GOOD Project: Open Data For Smarter Society

#### **PROJECT**



Website

2016

**Project** Created in

https://www.nweurope.eu/projects/project-search/begood /

years long

#### Type of Activities

- Social Impact Data Science Projects,
- Events.
- Trainings

#### Preferred industry/focus

- Innovation,
- materials efficiency,Renewable energy
- Resource and

Low Carbon,

#### Team constitution per project

#### **Number of Employees**

Working methodology

-

#### **Funding Sources**

- EU Funding,
- Partnerships

#### **Organizational Structure**

-

#### **Social Impact Areas\***

- SDG 1SDG 3
- SDG 7
- SDG 12SDG 13

- SDG 4
- SDG 8SDG 9
- SDG 14

- SDG 6
- SDG 11
- SDG 15

#### **KPIs**

- Number of Projects to deliver,
- Impact measured by the reduction in cost,
- Social Benefits



France

## DSSG Europe (Foundation)

#### NON-PROFIT ORGANIZATION



The 2018 Summer Fellowship Kicks Off on May 28 in both Chicago and Europe.

Meet our 2018 Chicago and Europe Fellows

Nova School of Business and Economics in collaboration with the University of Chicago is organizing the Data Science for

Non-Profit
Organization
Created in 2017

Based in Lisbon, **Portugal** 

Teams of 3 to 4 people

Website

https://www.dssgfellowship.org/europe/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

#### Working methodology

#### Team constitution per project

#### **Number of Employees**

#### **Organizational Structure**

Director,

- Research Assistant
- Vice President,
- Senior Policy Analyst,
- Policy Analyst,

#### **Funding Sources**

Sponsorship

#### **Social Impact Areas\***

- SDG 1
- SDG 3
- SDG 4
- SDG 8

• SDG 16

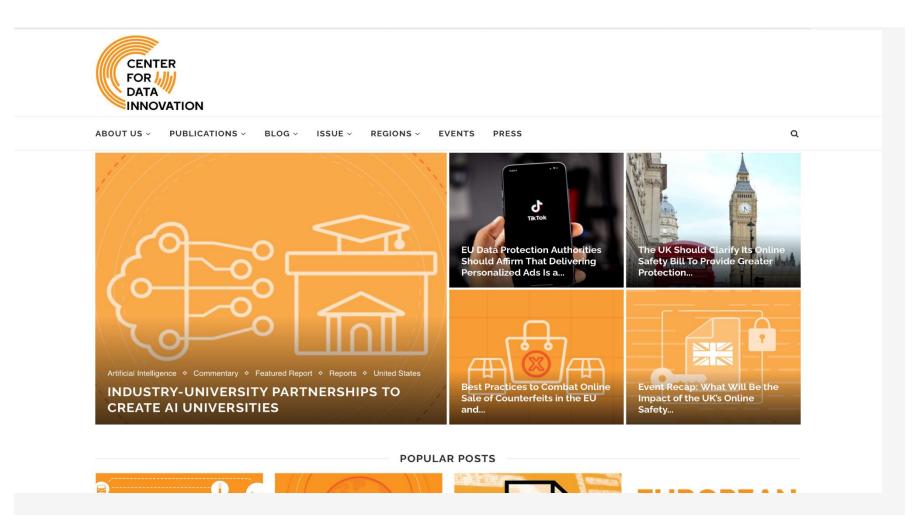
#### **KPIs**

- Number of fellows,
- Number of Projects,

Number of Weeks

## Center for Data Innovation

NON-PROFIT ORGANIZATION



Non-Profit
Project Created in
2013

Based in Washington, **US** 

Website

https://datainnovation.org/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### Preferred industry/focus

- · Data Science,
- Education,
- Social Policy

#### **Working methodology**

#### Team constitution per project

#### **Number of Employees**

• 6 employees

#### **Funding Sources**

Sponsorship

#### **Organizational Structure**

- Project Managers,
- Data Science Mentors,
- Europe fellows,
- Europe Staff

#### **Social Impact Areas**

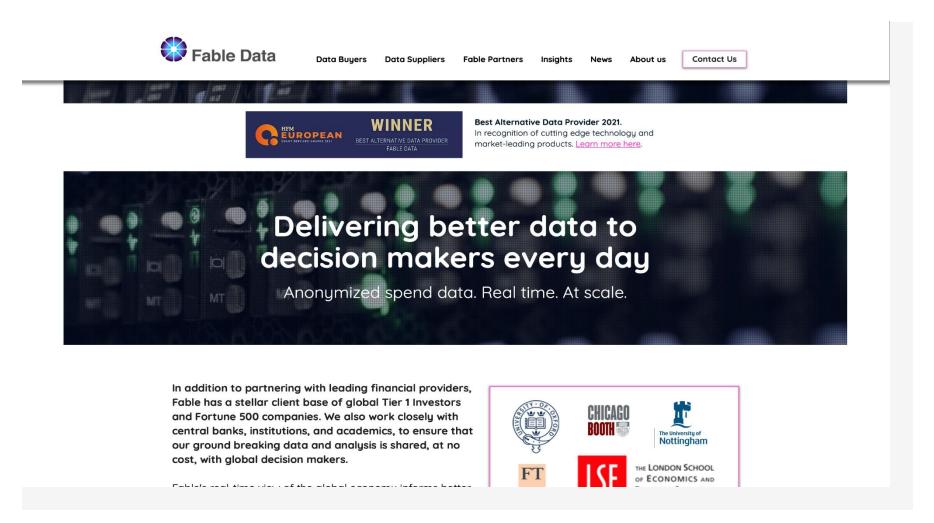
#### **KPIs**

- Number of Projects to deliver,
- Impact measured by the reduction in cost,
- Social Benefits



## Fahle Data

#### NON-PROFIT ORGANIZATION



Non-Profit Organization Created in 2017

Based in London, UK

Website

https://www.fabledata.com/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

• Alternative Data,

• Transaction Data,

Transactions, Data Ethics,

Assistants

- Data Analytics,
- Credit Card

#### **Working methodology**

- Acquire,
- Structure,
- Analyze,
- Deliver

#### Team constitution per project

#### **Number of Employees**

• 10 employees

#### **Funding Sources**

Partnership

#### **Organizational Structure**

- Board of Directors,
- Executive Directors,
- Advisors,
- Managers,

#### **Social Impact Areas**

#### **KPIs**

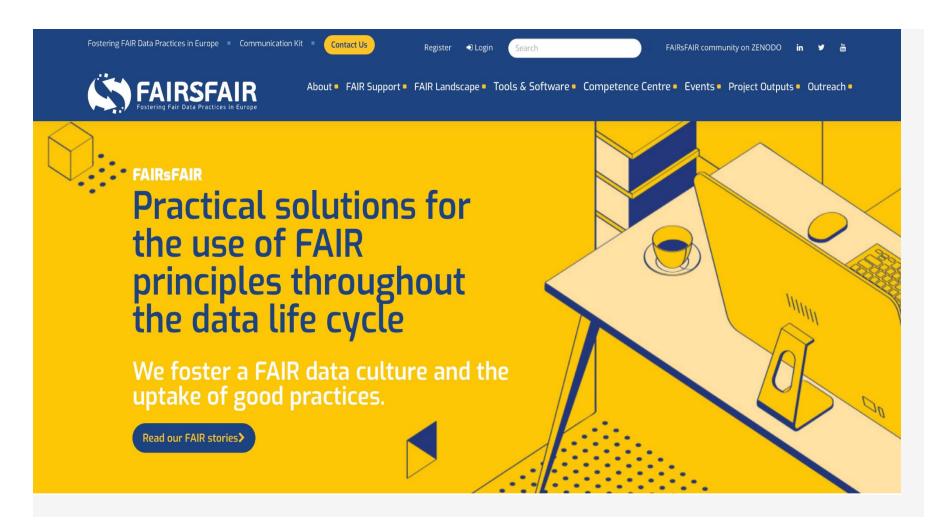
 Exclusive, • Real Time,

- Granular,
- Coverage,

- · Compliant,
- Unbiased, History

## FairsFair Project

#### **PROJECT**



**Project** Created in**2019** 

Based in Den Haag, **Netherlands**  The project is 2 years long

Website

https://www.fairsfair.eu/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### Preferred industry/focus

- Data Science,
- Research,

#### **Working methodology**

<del>-</del>

#### Team constitution per project

#### **Number of Employees**

#### Number of Employees

**Funding Sources** 

Partnership

#### **Organizational Structure**

- Board of Directors, Assistants
- Executive Directors,
- Advisors,
- Managers,

#### **Social Impact Areas**

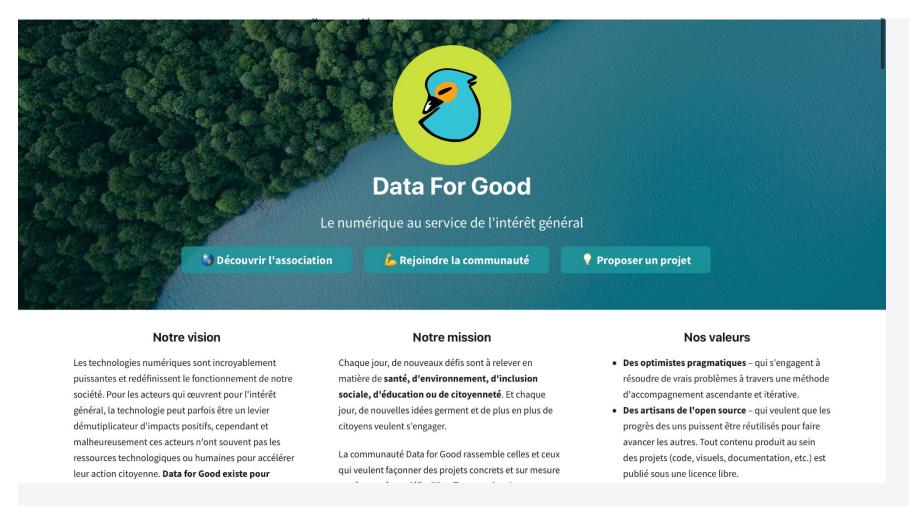
-

#### **KPIs**

- Number of people that follow their social media,
- Number of registered users

## Data for Good

#### NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2014

Based in Paris, France

Teams of 2 people

Website

https://dataforgood.fr

#### **Type of Activities**

• Social Impact Data Science Projects

#### Preferred industry/focus

- Data Science,
- IT consulting,
- Social Impact

#### Working methodology

#### Team constitution per project

#### **Number of Employees**

• More than 2500

#### **Funding Sources**

- · Partnership,
- Donations

#### **Organizational Structure**

- Co-President,
- Coordinator,
- Communication & PR

• SDG 15

• SDG 16

• SDG 17

Designer,

Community Manager,

**Social Impact Areas\*** 

Coordinator,

- SDG 2 • SDG 3
- SDG 10 • SDG 11

• SDG 9

- SDG 4 • SDG 12 • SDG 13
- SDG 7

• SDG 1

• SDG 8 • SDG 14

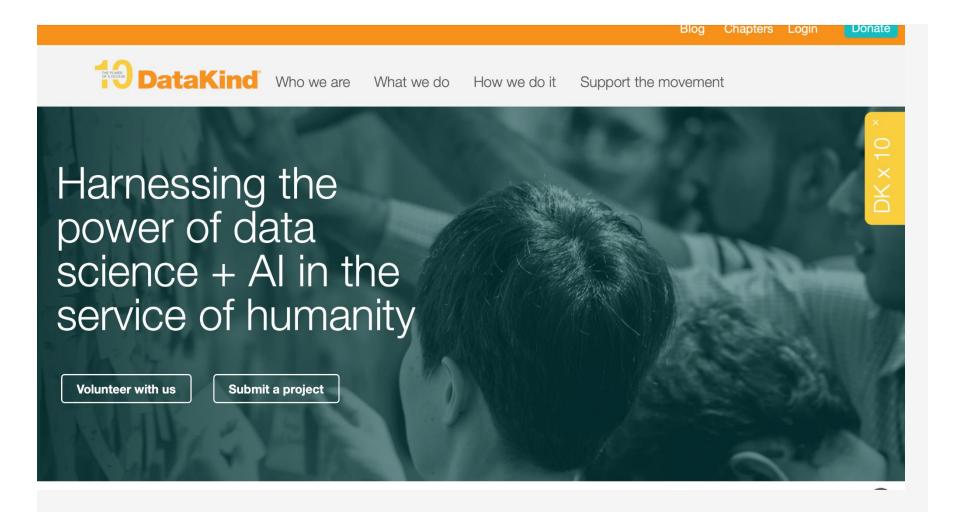
#### **KPIs**

- Measured the impact by the SDGs,
- Project facts (Statistics that show the impact of each project)



### DataKind

#### NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2012

Based in New York , US

Teams of 6 people

Website

https://www.DataKind.org/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

- Data Analysis,
- Volunteer Matching,
- Data Visualization,
- Data Science for Social and Civic Sector,
- Data Science,
- Machine Learning

#### **Working methodology**

- Problem Exploration,
   Solution
- Data Discovery,
- · Prototyping,
- Refinement,

#### Team constitution per project

#### **Number of Employees**

• More than 20 000

#### **Funding Sources**

- Partnership,
- Donations, Sponsorships

#### **Organizational Structure**

- · The Board,
- Advisors

#### **Social Impact Areas\***

- SDG 1
- SDG 6
- SDG 11

- SDG 2 • SDG 3
- SDG 7 • SDG 8

• SDG 10

• SDG 12 • SDG 13

• SDG 16

• SDG 5

SDG 4

#### **KPIs**

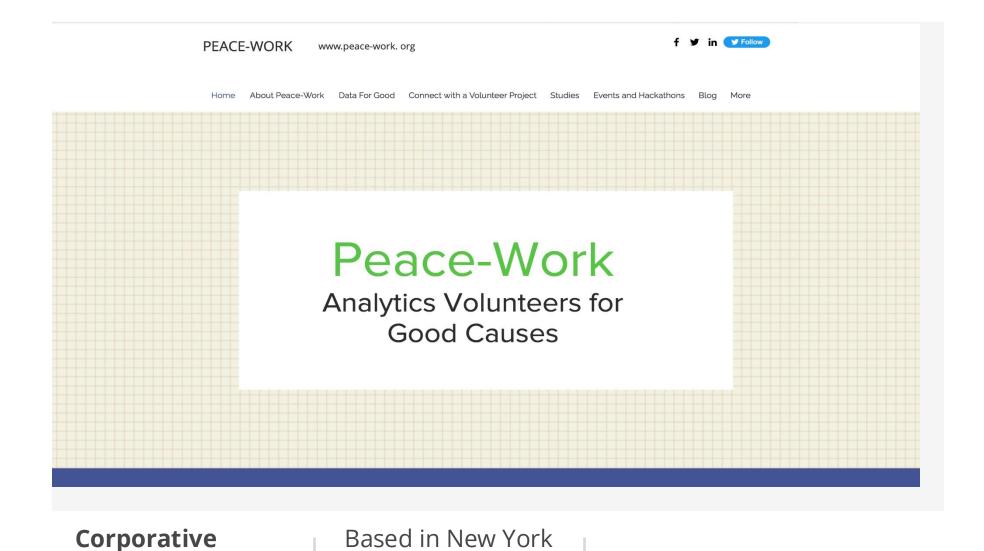
- Number of community members,
- Number of countries,

Number of Events



### Peace-Work

#### NON-PROFIT ORGANIZATION



Website

Created in 2014

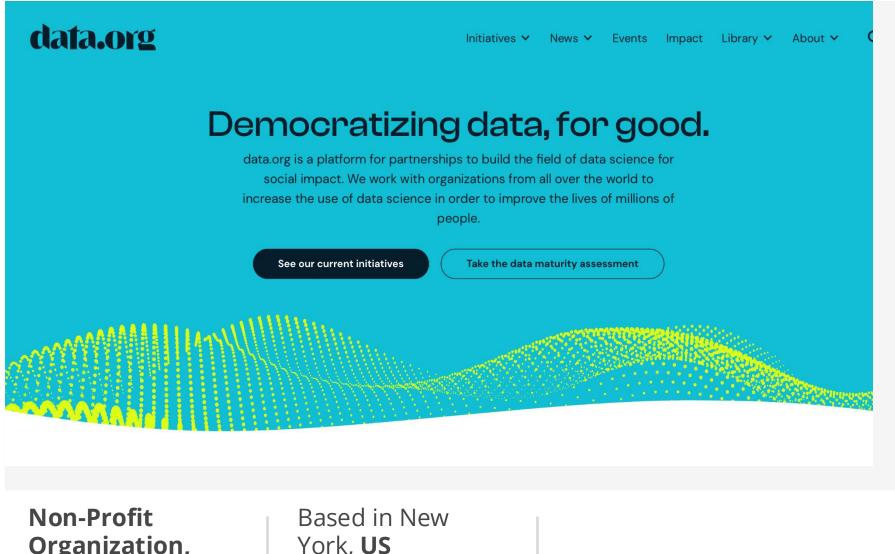
https://www.peace-work.org/

#### **Type of Activities Preferred industry/focus** Social Impact Data Science Projects Issue-oriented advocacy Research Team constitution per project Working methodology **Number of Employees Organizational Structure** Social Impact Areas\* **Funding Sources** • SDG 1 • SDG 22 • SDG 3 • SDG 10 **SDG 11** • SDG 16 **KPIs**

, US

## Data.org

#### NON-PROFIT ORGANIZATION



Organization, created in 2019 York, **US** 

Website

https://Data.org

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

- Data Science
- SDGs
- Social Impact

#### Working methodology

#### Team constitution per project

#### **Number of Employees**

• 16 employees

#### **Funding Sources**

- Partnership,
- Donation

#### **Organizational Structure**

- Board of Directors,
- Executive Directors,
- Advisors,
- Managers,

#### **Social Impact Areas\***

- SDG 1
- SDG 6
- SDG 13

Assistants

- SDG 2 SDG 3
- SDG 7 • SDG 8
- SDG 16 • SDG 17

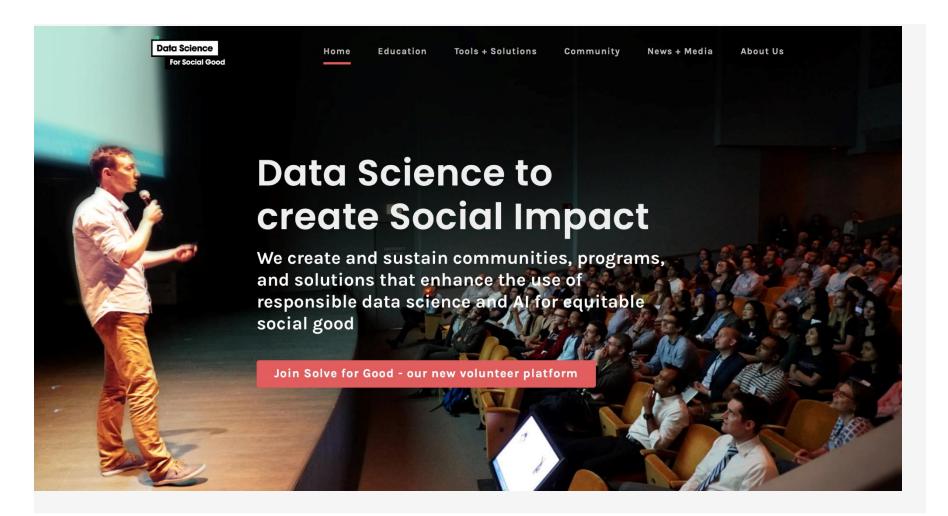
- SDG 4 • SDG 5
- SDG 10 • SDG 11

**KPIs** 

• The Impact their solution had (With the app were able to reduce 20%, increase income by 30%)

## Data Science for Social Good

NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2015

Based in Chicago, US

Teams of 4 to 7 people

Website

https://www.datascienceforsocialgood.org

#### Type of Activities

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

- data science, artificial
  - social intelligence,
- social good, public policy, • health,
- science, Machine

learning,

 Non-Profits, education,

#### Team constitution per project

- Fellows,
- Data Science Mentor,
- Project Manager,
- Project Partner

#### **Number of Employees**

Working methodology

#### **Funding Sources**

Sponsorship

#### **Organizational Structure**

- Impact,
- Community Manager, • Project management, • Project Scoping,
- Community
- Intern, Initiatives
- Engagement, Solve4Good

#### **Social Impact Areas**

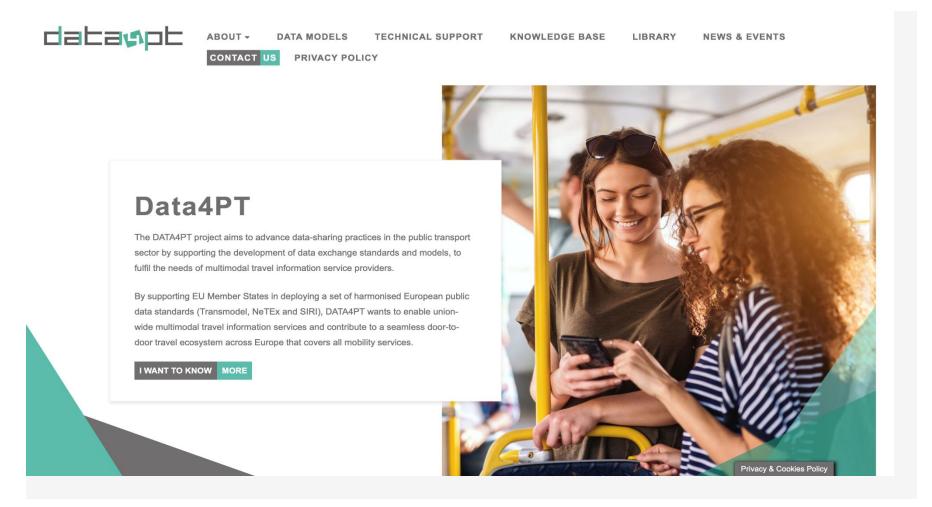
#### **KPIs**

- Articles already published about the Organization,
- Number of courtiers that the Organization already expanded



## Data 4PT

#### **PROJECT**



Consortium Created in 2020 Based in Brussels, **Belgium** 

The project **is 4** years long

Website

https://data4pt-project.eu/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

- Data Science,
- Social Impact

#### **Working methodology**

#### Team constitution per project

#### **Number of Employees**

#### **Organizational Structure**

- Coordinator,
- Technical Manager

#### **Funding Sources**

• Eu Funding

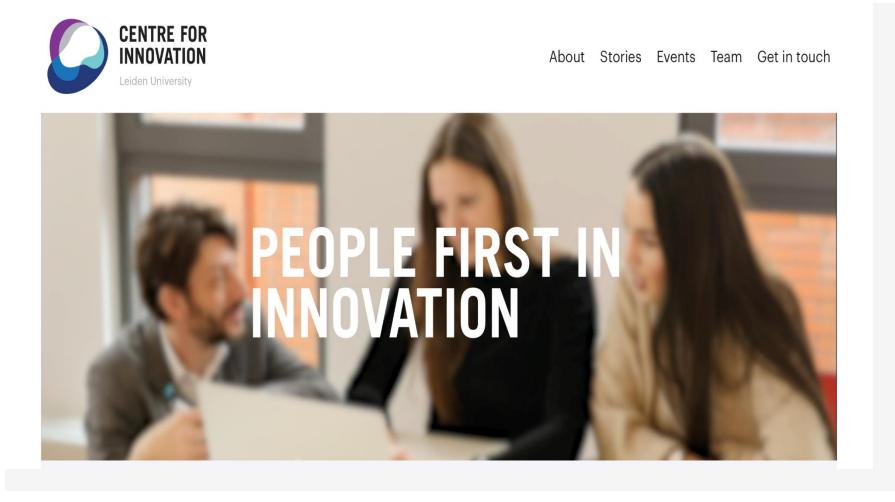
#### **Social Impact Areas\***

• SDG 8

#### **KPIs**

## Centre for Innovation

#### INITIATIVE



Non-Profit **Initiative** Created in **2020** 

Based in The Hague, Netherlands

Teams of 5 to 6 **people** work in projects that are 6 months long

https://www.centre4innovation.org/data-ai/

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### Preferred industry/focus

- Digital Solutions for Education & Research,
- Lifelong Learning
- Data & Al for Social Impact

#### Working methodology

- Ideation,
- Decision Making,
- Experimenting,
- Establishing
- Scaling the
- Experiment,

Team constitution per project

#### **Number of Employees**

• 25 employees

#### **Organizational Structure**

- Board of Directors,
- Managers,
- Assistants

#### **Funding Sources**

• Eu Funding

#### **Social Impact Areas\***

• SDG 3

• SDG 11

SDG 4

• SDG 7

SDG 12 • SDG 13

• SDG 8

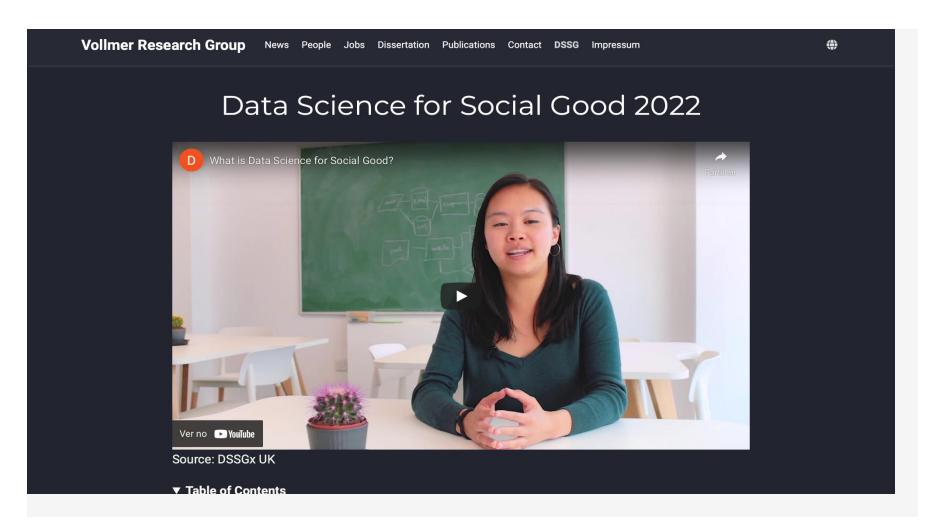
#### KPIs

Website



# DSSGX (Vollmer Research Group)

#### NON-PROFIT ORGANIZATION



Non-Profit **Organization** Created in 2022

Based in Kaiserslautern, **Germany** 

Teams of 3 to 4 **people** work in projects that are 12 week long

#### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

#### **Preferred industry/focus**

Digital Solutions for Education & Research,

Team constitution per project

- Lifelong Learning
- Data & Al for Social Impact

#### Working methodology

**Number of Employees** 

- Ideation,
- Decision Making,
- Experimenting,
- Establishing
- Scaling the

Experiment,

#### **Organizational Structure**

- Board of Directors,
- Managers,
- **Assistants**

#### **Funding Sources**

• Eu Funding

#### **Social Impact Areas**

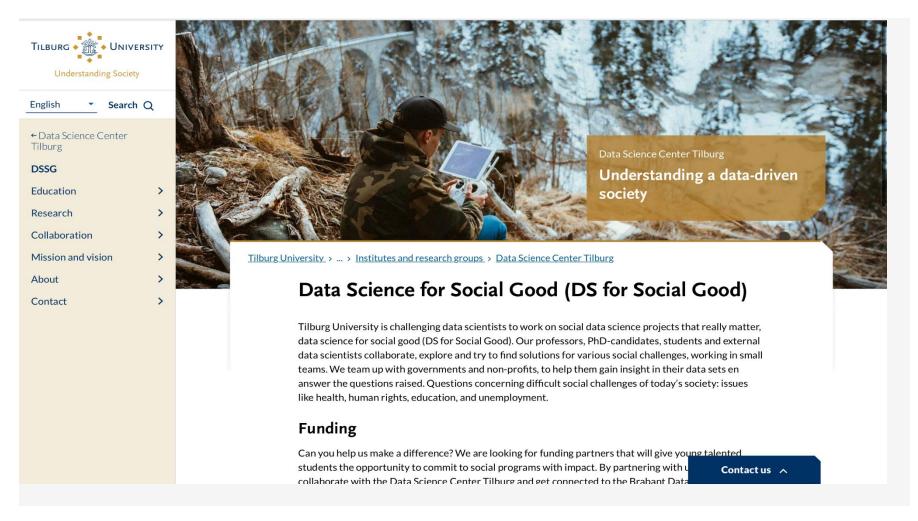
#### **KPIs**

https://sebastian.vollmer.ms/dssg/ Website



## DSSG (Tilburg)

#### INITIATIVE



**Initiative** created in **2015** 

Based in Tilburg, **Netherlands** 

Website

https://www.tilburguniversity.edu/research/institutes-and-research-groups/data-science-center/dssg

#### **Type of Activities**

Events

#### **Preferred industry/focus**

- Digital Solutions for Education & Research,
- Lifelong Learning
- Data & Al for Social Impact

#### Working methodology

#### Team constitution per project

#### **Number of Employees**

#### Organizational Structure

- Board of Directors,
- Managers,
- Assistants

#### **Funding Sources**

Partnership

#### **Social Impact Areas\***

• SDG 3

• SDG 11

• SDG 4

• SDG 7

SDG 12SDG 13

• SDG 8

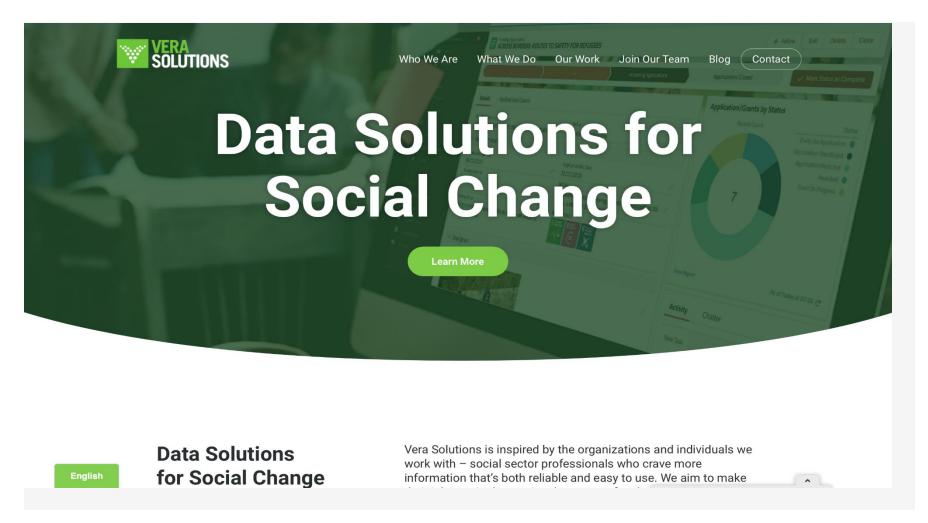
#### **KPIs**

Website

Date of access to information: July/2022 \*Date of access to information: September/2022

## Vera Solutions

### FOR-PROFIT ORGANIZATION



For-profit
Organization
created in 2010

Based in London,

Website

https://www.verasolutions.org/?locale=em

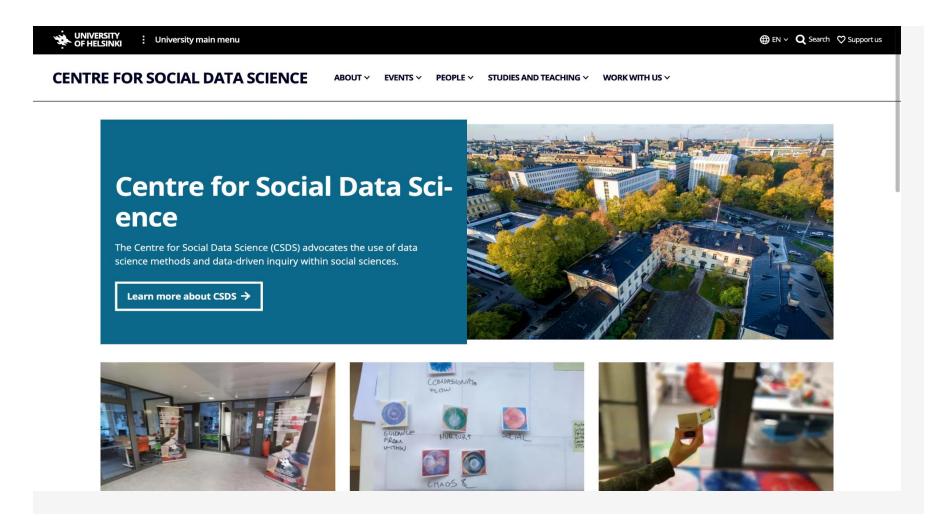
### **Type of Activities Preferred industry/focus** Grant Management, • Social sector Monitoring & consulting, Technology, Evaluation (M&E), Impact Measurement Project Management Working methodology Team constitution per project **Number of Employees Organizational Structure** • 101 employees Social Impact Areas **Funding Sources** Partnership **KPIs**

• 375+ Impact-driven Partners



# Center for Social Data Science

### INITIATIVE

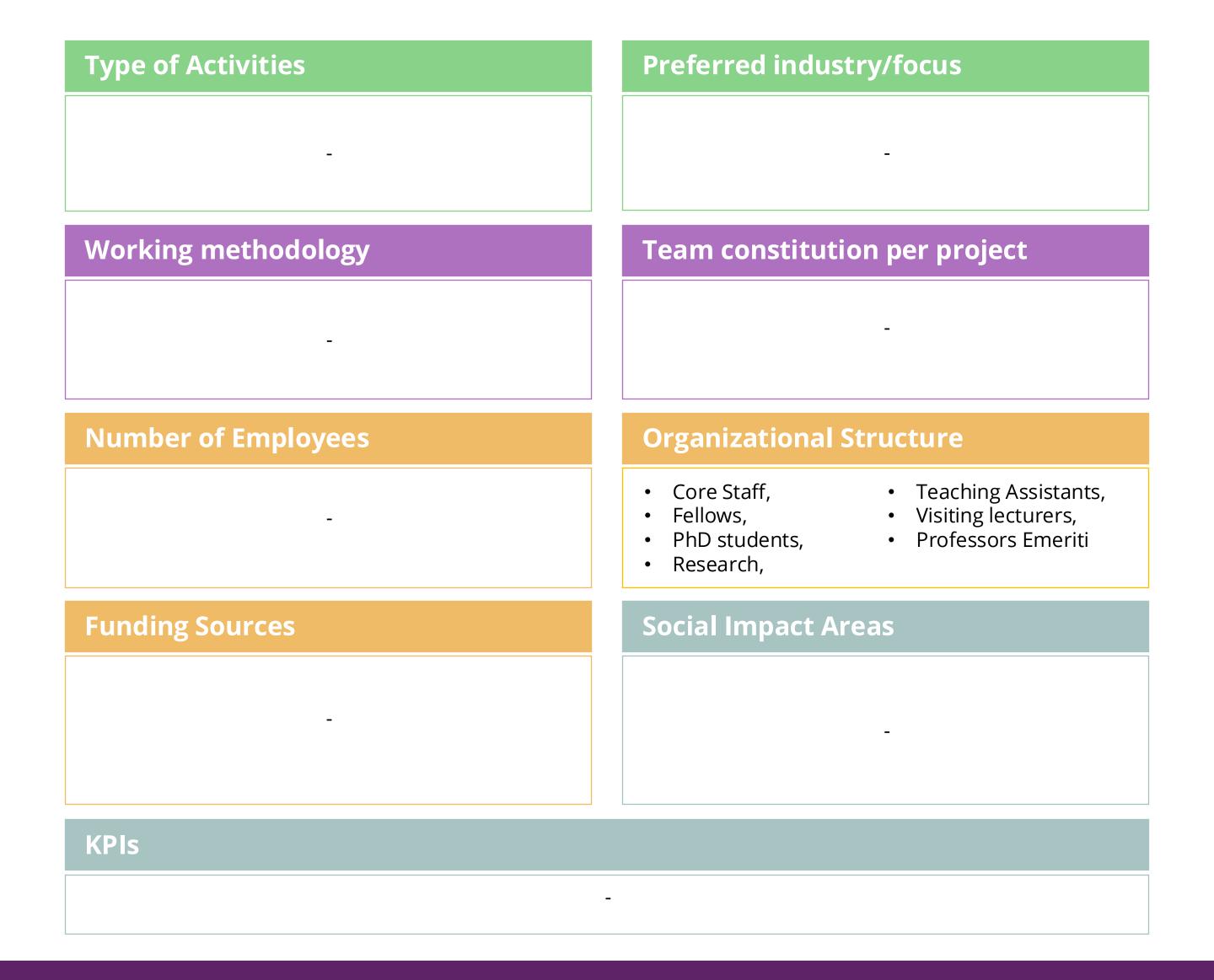


**Initiative** created in **2019** 

Based in Helsinki, **Finland** 

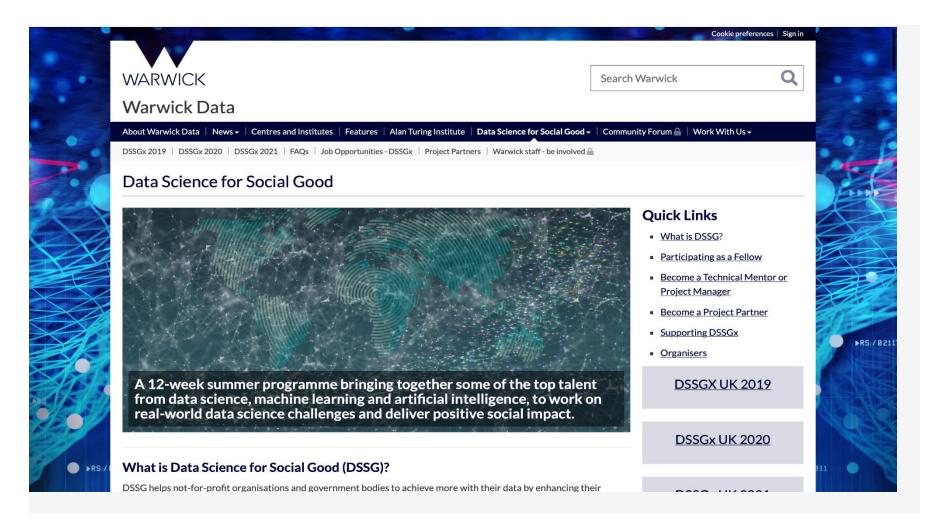
Website

https://www.helsinki.fi/en/networks/centre-social-data-science



# DSSGx Warwick + TATI

### NON-PROFIT ORGANIZATION

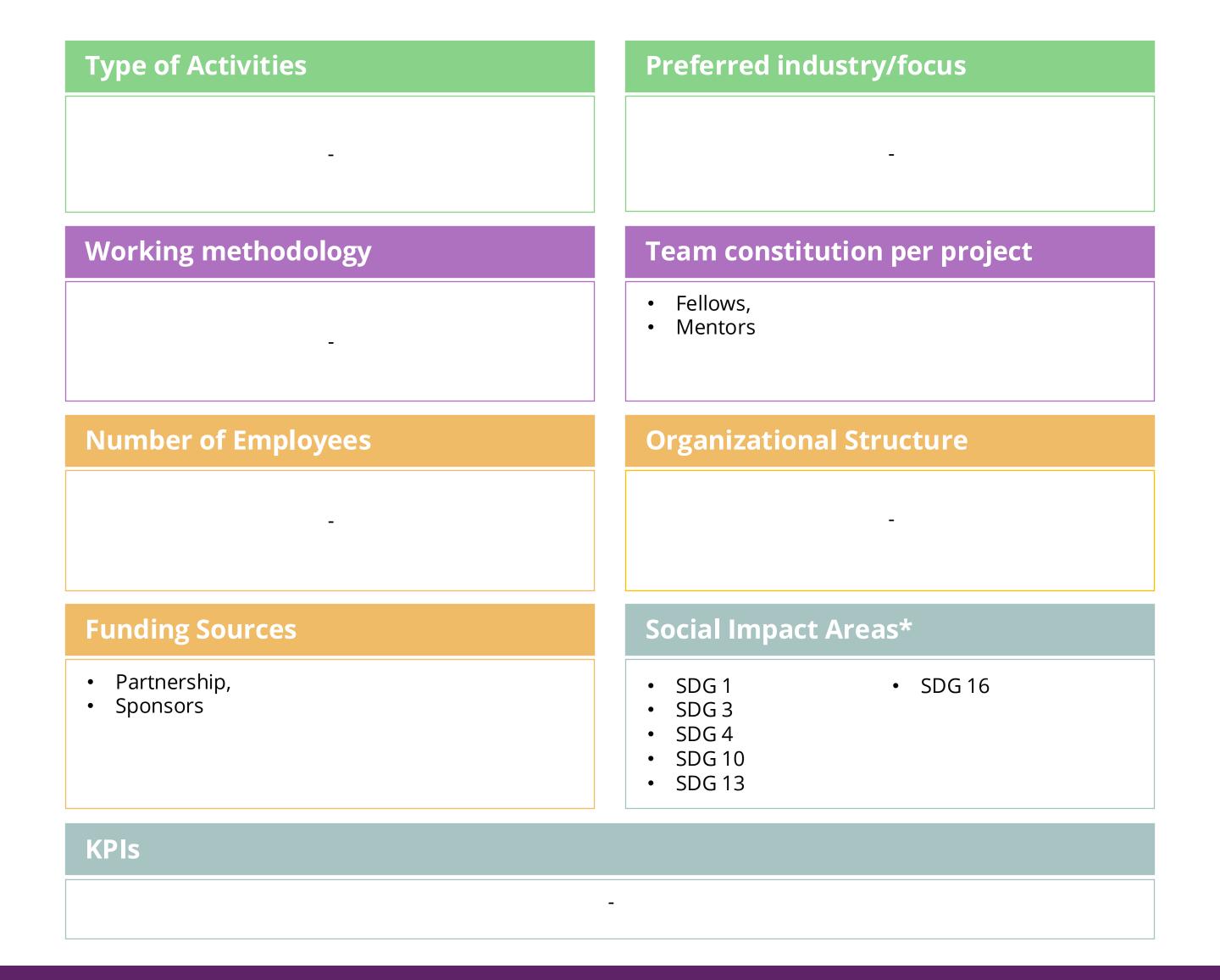


Non-Profit
Organization
created in 2013

Based in Warwick, **UK** 

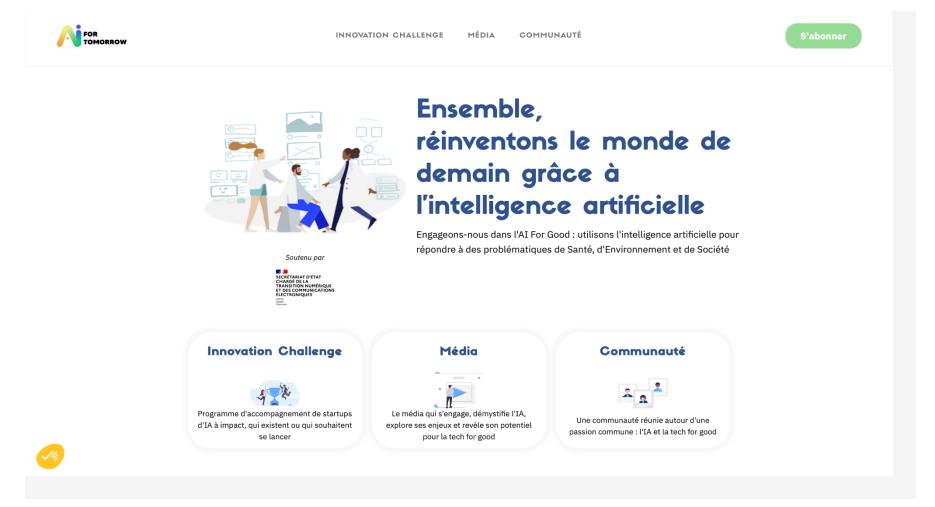
Website

https://warwick.ac.uk/research/data-science/warwick-data/dssgx/



## AI for Tomorrow

### INITIATIVE

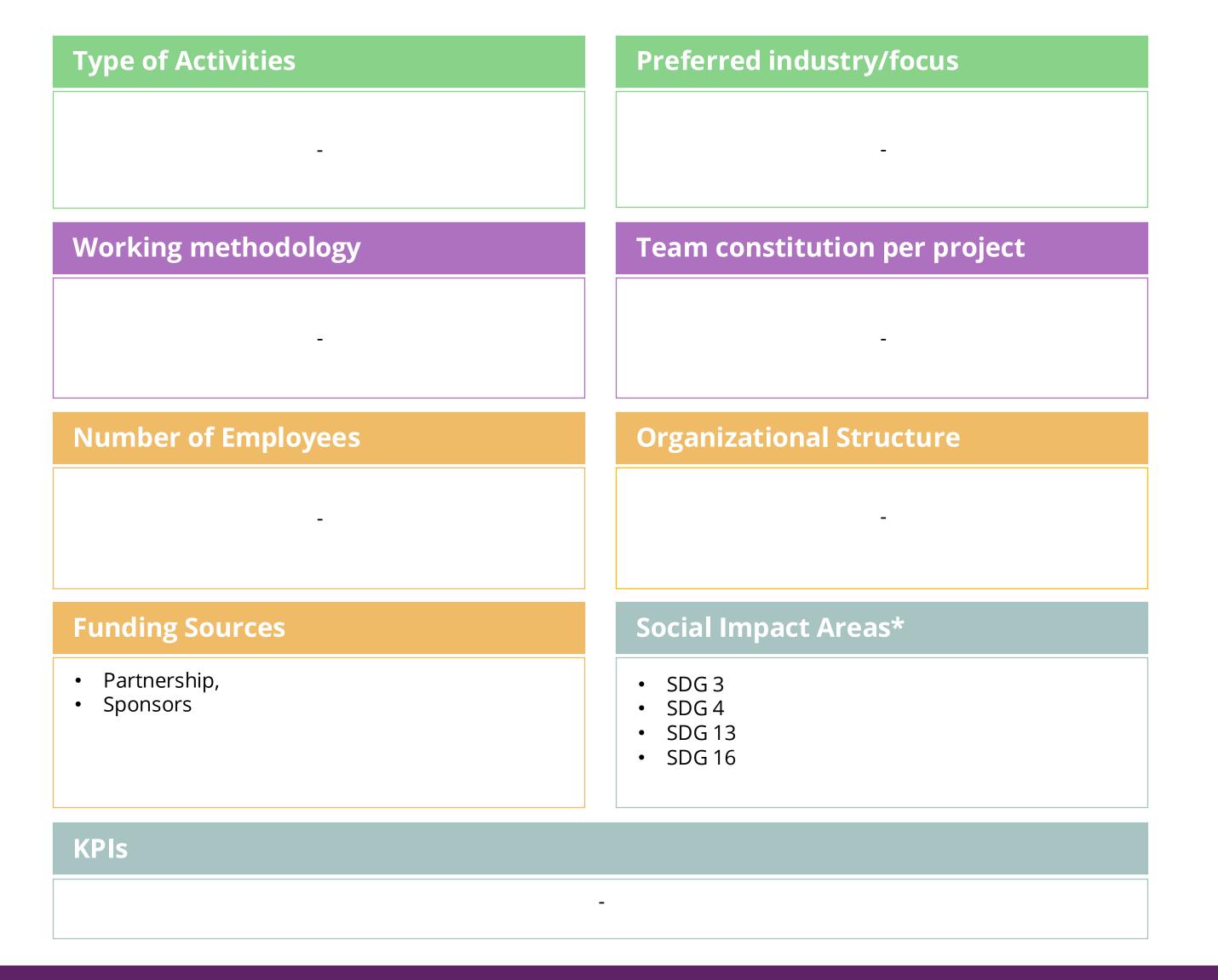


**Initiative** created in **2020** 

Based in Paris, **France** 

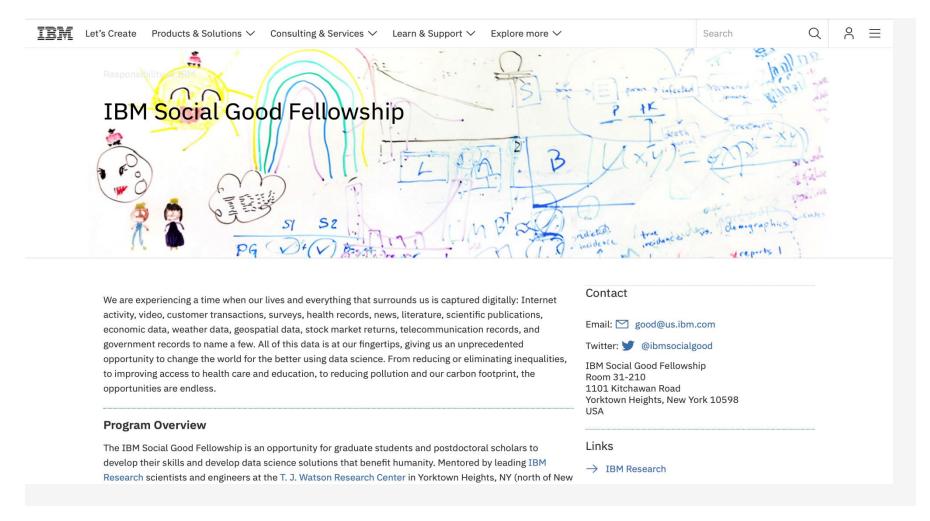
Website

https://www.aifortomorrow.co



# IBM Social Good Fellowship

### INITIATIVE



Non-Profit Initiative

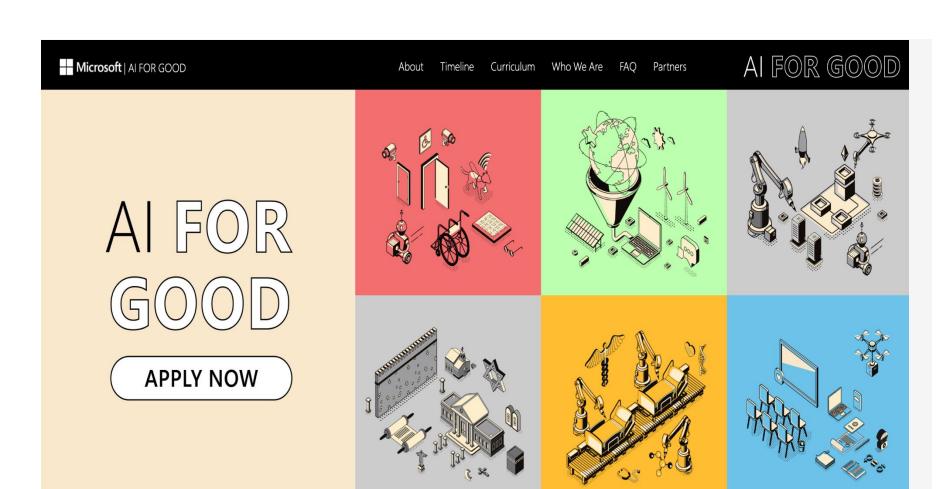
Based in New York, **US** 

Website

https://www.ibm.com/ibm/responsibility/Initiatives/IBMSocialGood Fellowship.html

Type of Activities	Preferred industry/focus
Social Impact Data Science Projects	-
Working methodology	Team constitution per project
-	_
Number of Employees	Organizational Structure
<del>-</del>	-
Funding Sources	Social Impact Areas
• Partnership	_
KPIs	
	-

# Microsoft AI for Good



**Initiative** created in **2019** 

INITIATIVE

Based in Tel Aviv, Israel

Projects are 2 months long

Website

### **Type of Activities**

• Trainings

### Preferred industry/focus

- Climate, Agriculture
- Biodiversity,
- Water,
- Green Energy

&Carbon, Sustainability Supply

Chain

### Working methodology

- Business Development,
- Al
- Tech,
- Impact

### Team constitution per project

Num	ber of	Emn	OVAAS	
Maili		LIIIP	i Oycc:	Þ

### **Organizational Structure**

### **Funding Sources**

Partnership

### **Social Impact Areas**

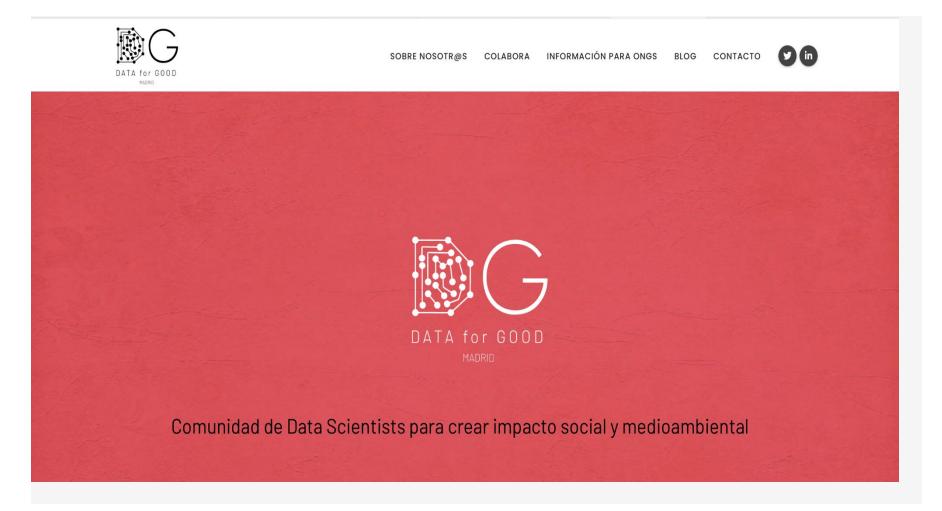
### KPIs

https://www.microsoftrnd.co.il/ai-for-good



# Data for Good Madrid

### NON-PROFIT ORGANIZATION



Non-Profit Organization

Based in Madrid, **Spain** 

Website

https://www.dataforgoodmad.com/

### **Type of Activities**

• Social Impact Data Science Projects

### Preferred industry/focus

- Big Data
- Data Scientist

### **Working methodology**

-

### Team constitution per project

-

### **Number of Employees**

-

### **Organizational Structure**

-

### **Funding Sources**

Project Patronage

### **Social Impact Areas**

-

### KPIs

Connect,

Inspire,

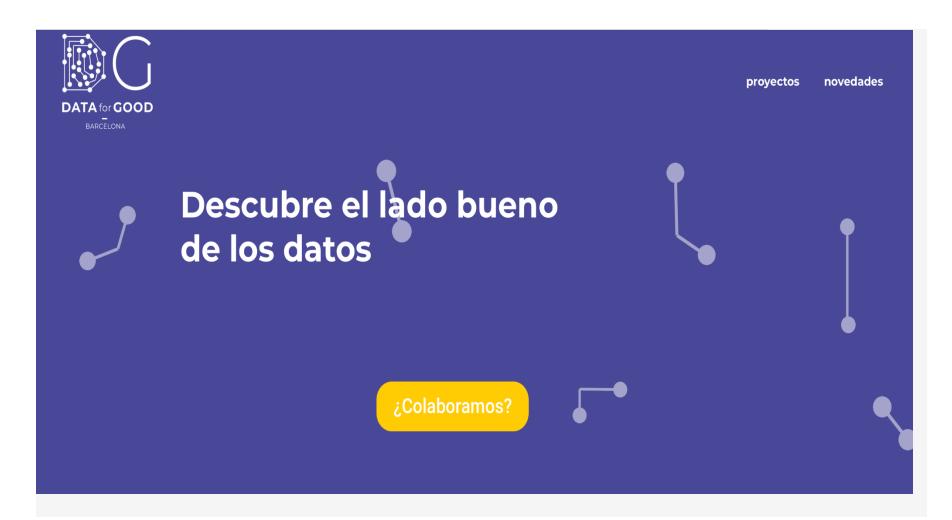
- Divulge,
- Empower,

• Mentoring



# Data for Good Barcelona

NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2018

Based in Barcelona, **Spain** 

Teams of 1 to 2 people work in projects that are 6 to 18 months long

Website

http://dataforgoodbcn.com/

### **Type of Activities**

Social Impact Data Science Projects,

Closing

- Events,
- Trainings

### **Preferred industry/focus**

• Data Science

### Working methodology

- Concept,Team,
- Plan,
- Development,

### Team constitution per project

-

### **Number of Employees**

More than 700

### **Organizational Structure**

\_

### **Funding Sources**

Partnership

### **Social Impact Areas\***

- SDG 3
- SDG 8
- SDG 16

### KPIs

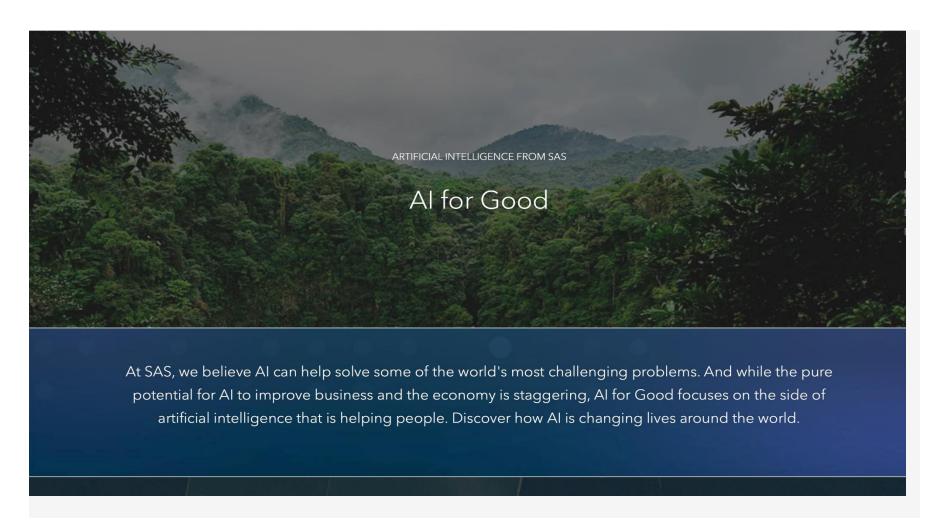
- Number of Events,
- · Number of community members,

Number of complete projects



## Data for Good SAS

### FOR-PROFIT ORGANIZATION

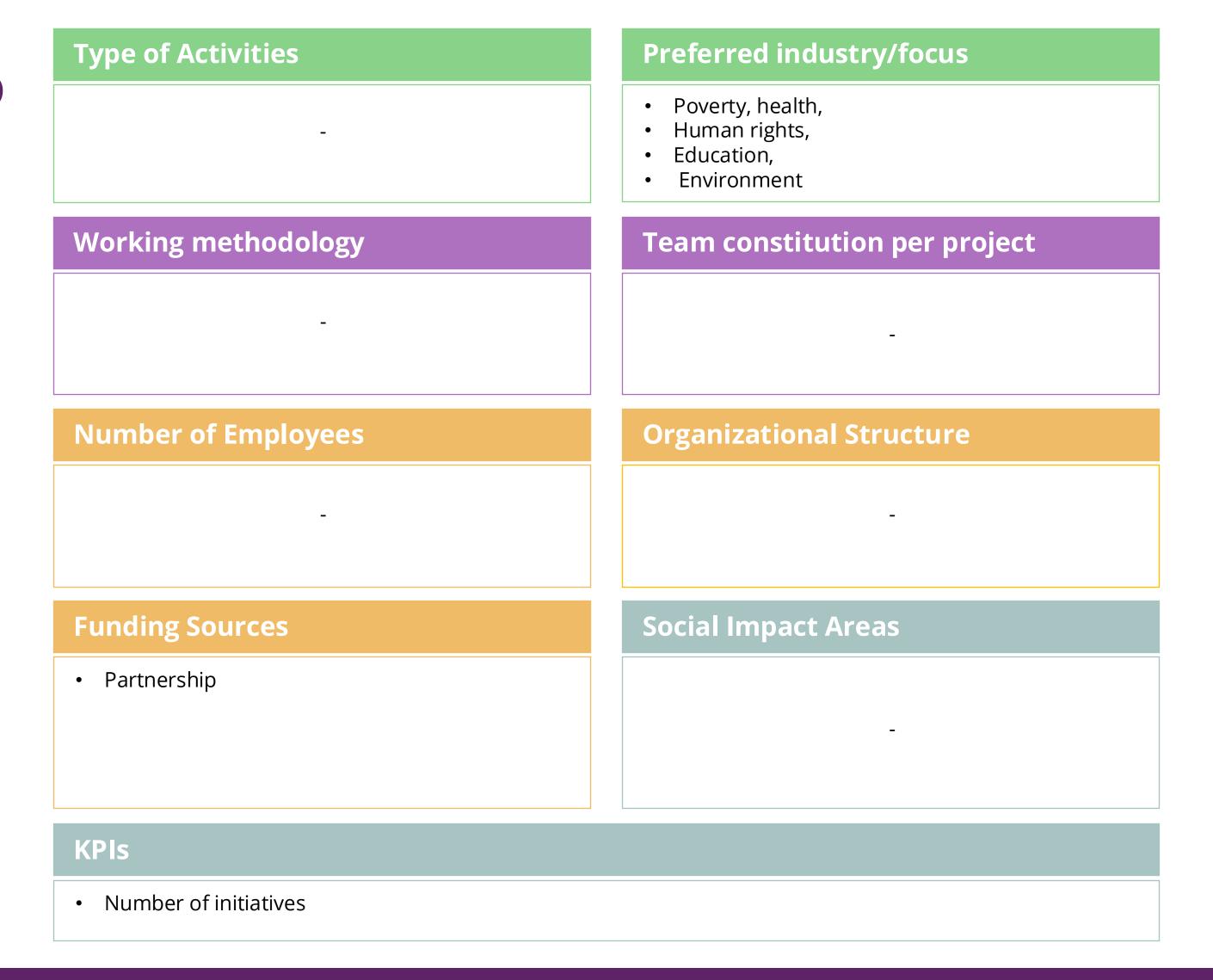


For-Profit Organization,

Based in North Carolina, **United States** 

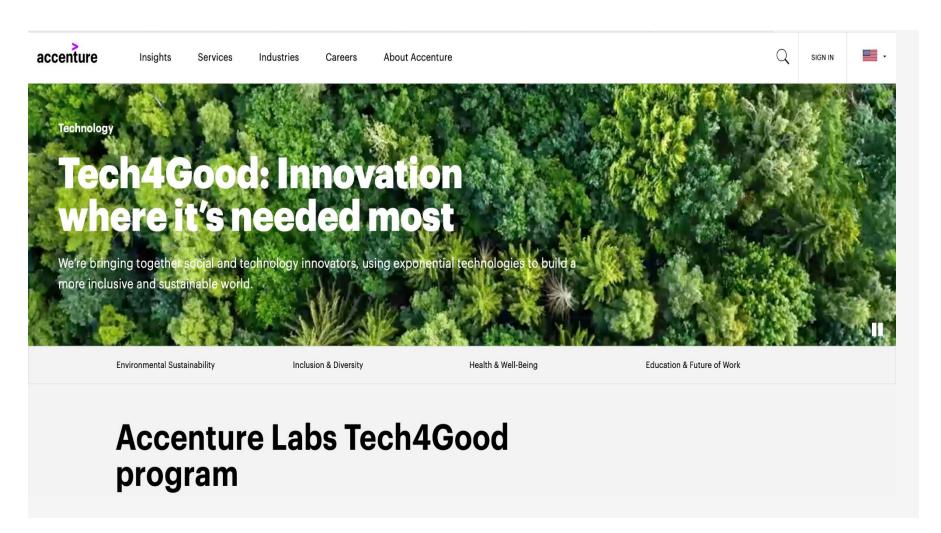
Website

http://dataforgoodbcn.com/



# Tech for Good Accenture

### INITIATIVE



Non-Profit Initiative, created in 2018

Based in **Canada** 

Website

https://www.accenture.com/usen/insights/technology/techforgood

### **Type of Activities**

Social Impact Data Science Projects

### Preferred industry/focus

- Data Science,
- Development

### Working methodology

### Team constitution per project

### **Number of Employees**

8 employees

### **Organizational Structure**

- Directors,
- Manager,
- Researchers,
- Analysts

### **Funding Sources**

Partnership

### **Social Impact Areas**

-

#### **KPIs**

• Number of Projects



# CorrelAid

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2015

Based in Berlin, **Germany** 

Teams of 2 to 7
people work
in projects that
are 2 to 6 months
long

Website

https://CorrelAid.org/en/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### **Preferred industry/focus**

Team constitution per project

- Data Science,
- Social Impact

### **Working methodology**

- Project Definition,
- kickoff;
- Applications,
- Project Work,
- Team Selection,Onboarding,
- Handover,Follow-up

### **Number of Employees**

More than 1900

### **Organizational Structure**

- The board,
- volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

-

### KPIs

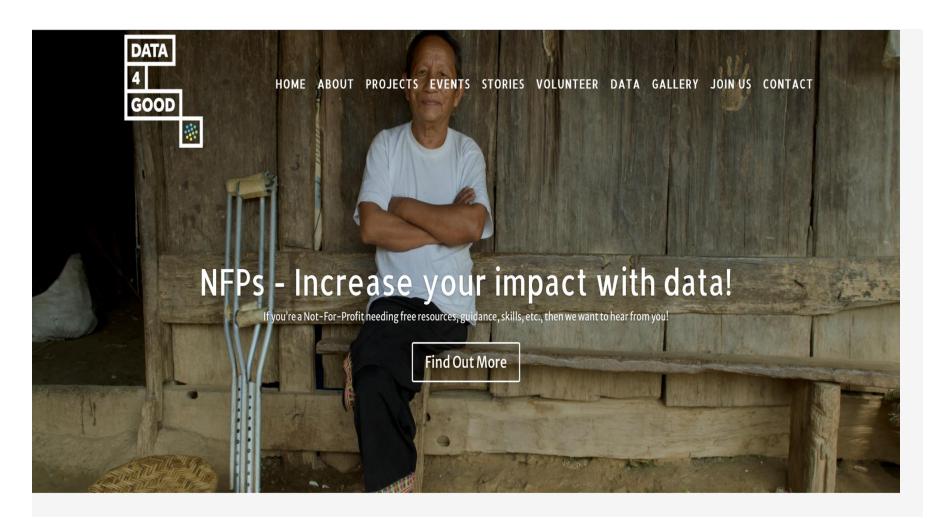
Number of projects/

Number of Volunteers



# Data 4 Good

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2018

Based in Sydney, **Australia** 

Website

https://data4good.com.au

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### **Preferred industry/focus**

- Data and Analytics,Social Good,
- Sustainable
   Development
   Good,
   Corporate
- Responsibility Social

### **Working methodology**

-

### Team constitution per project

### **Number of Employees**

-

### **Organizational Structure**

\_

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas\***

- SDG 3
- SDG 12
- SDG 15
- SDG 16

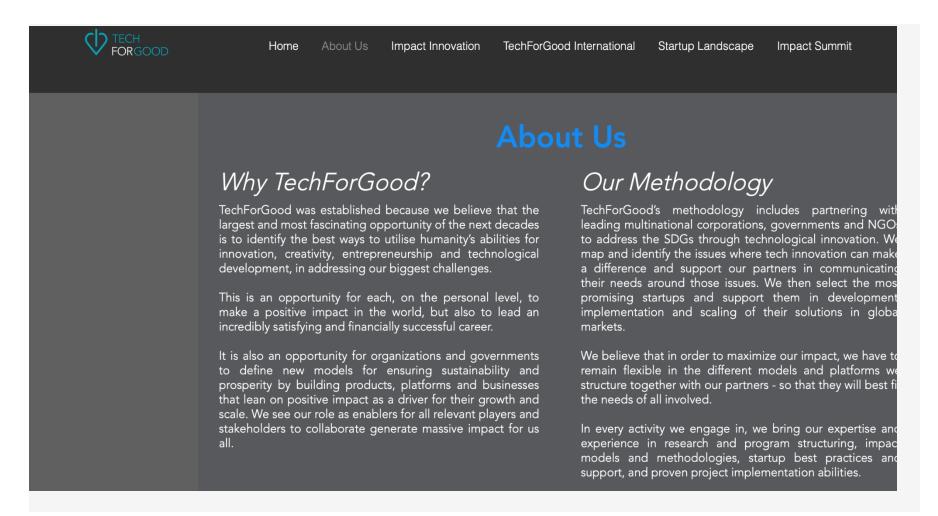
### KPIs

• Number of projects



# Tech for Good

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2018

Based in Tel Aviv, Israel

Website

https://www.techforgood.co/about

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

- Health,
   Accessibility,
   Education
- Sustainable Earth, Economy, Finance,

### **Working methodology**

- Frame
  Align
  Create
  Commer
  Engage
  Prioritize
  Select
  cialize
- Structure Launch Influence Invest
- Identify Expose Pilot Adapt

### Team constitution per project

### **Number of Employees**

### **Funding Sources**

Partnership

### **Organizational Structure**

Social Impact Areas

- Number of People helped,
- Number of countries, coverage on social media



# CorrelAidX Austria

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in 2022

Based in **Austria** , Vienna Projects are 2 to 6 months long

Website

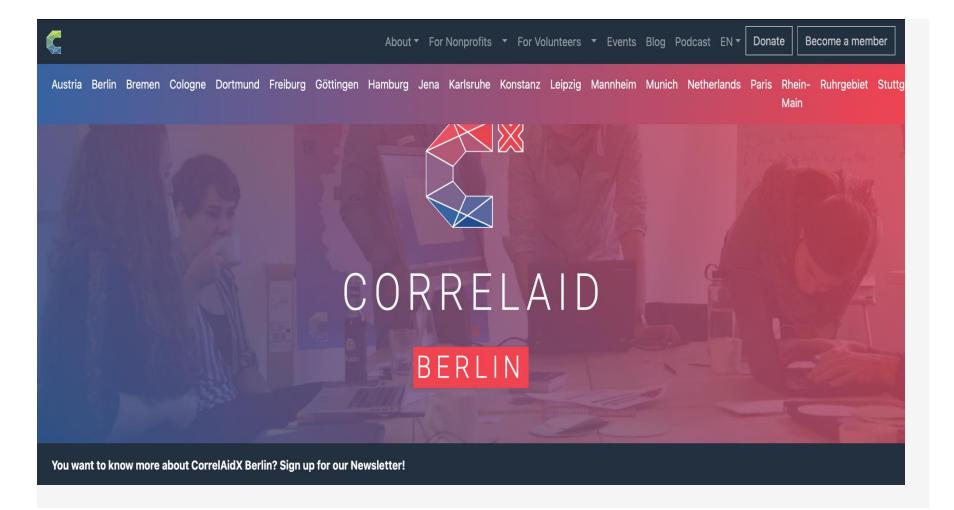
https://CorrelAid.org/en/CorrelAidX/austria/

### Preferred industry/focus **Type of Activities** Data Science, Social Impact **Working methodology** Team constitution per project **Number of Employees Organizational Structure Social Impact Areas Funding Sources** Partnership, · Membership fee, Donation

- Number of People helped,
- Number of countries, coverage on social media

## CorrelAidX Berlin

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2020

Based in **Berlin** , Germany Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/berlin/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

- Data Science,
- Social Impact

### **Working methodology**

-

### Team constitution per project

### **Number of Employees**

• 114

### **Organizational Structure**

- · The board,
- volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

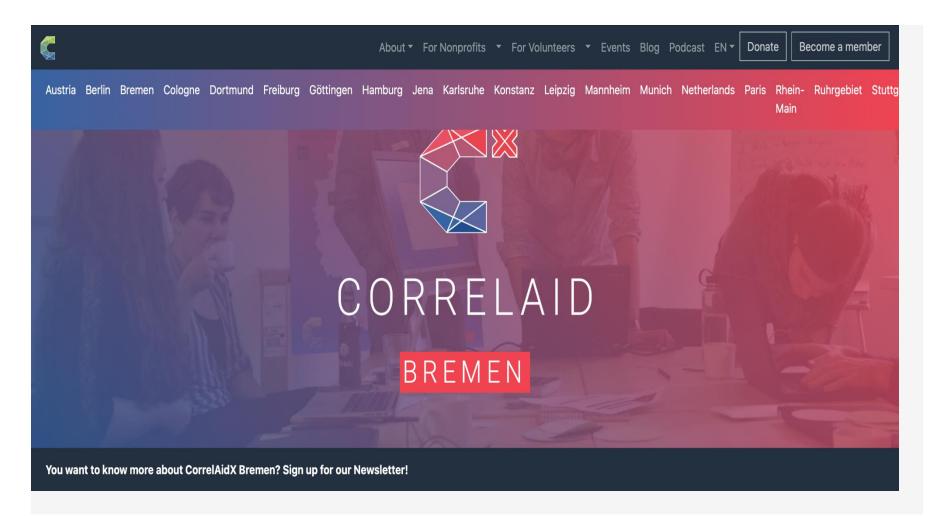
\_

- Number of slack members;
- number of projects



## CorrelAidX Bremen

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2018

Based in **Bremen** , Germany Projects are **2 to 6 months** long

Website

https://CorrelAid.org/en/CorrelAidX/bremen/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

- Data Science,
- Social Impact

### **Working methodology**

-

### Team constitution per project

### **Number of Employees**

### Organizational Structure

- The board,
- volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

### KPIs

• Number of people subscribing to the mailing list



# CorrelAidX Cologne

### NON-PROFIT ORGANIZATION

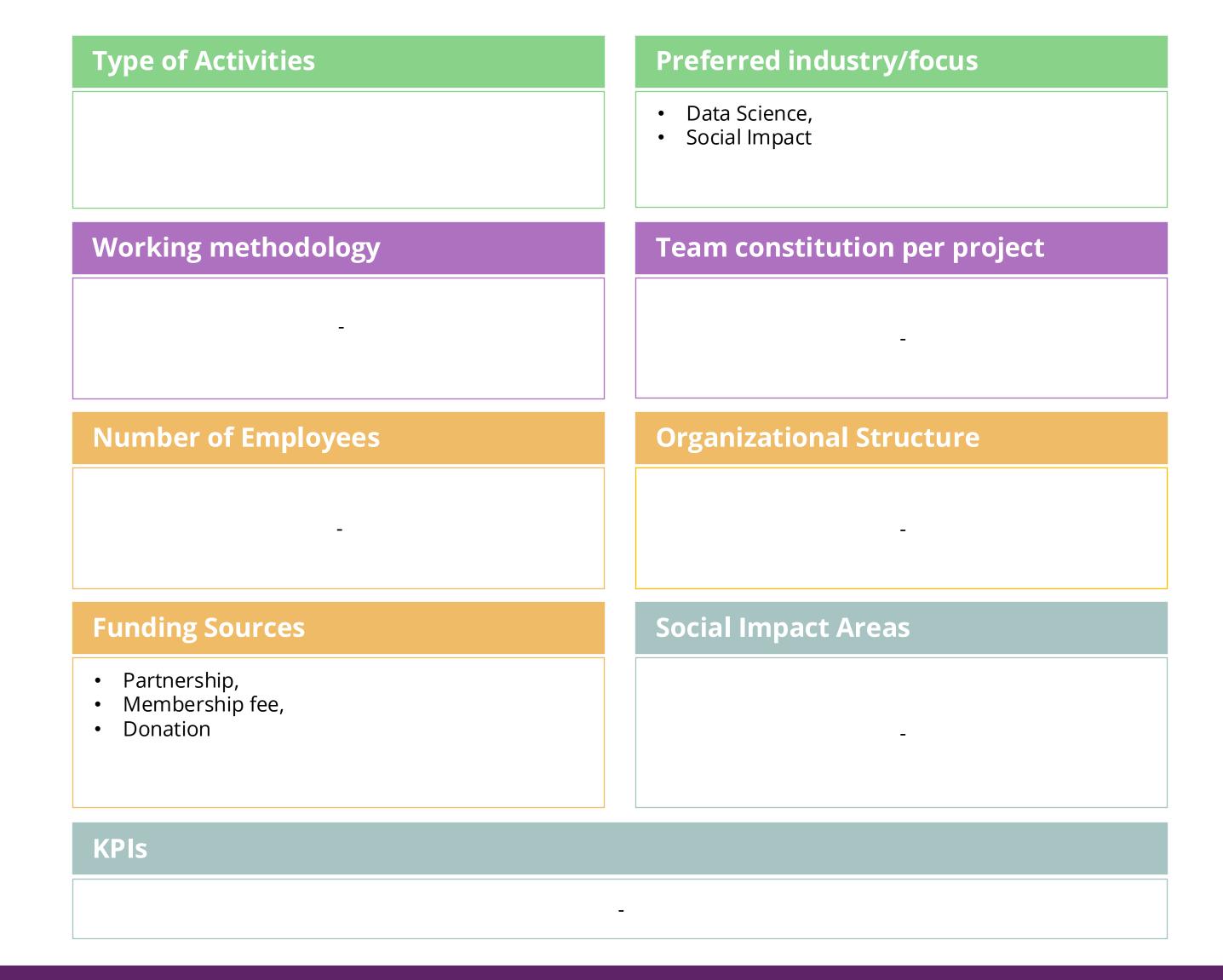


Non-Profit
Organization,
created in 2020

Based in **Bremen** , Germany

Website

https://CorrelAid.org/en/CorrelAidX/cologne/



## CorrelAidX Dortmund

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in 2018

Non-Profit **Initiative**, created in **2018** 

Projects are 2 to 6 months long

Website

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

- Data Science,
- Social Impact

### **Working methodology**

### Team constitution per project

### **Number of Employees**

### **Organizational Structure**

- The board,
- volunteers

### **Funding Sources**

- Partnership,
- · Membership fee,
- Donation

### **Social Impact Areas**

### KPIs

https://CorrelAid.org/en/CorrelAidX/dortmund/



# CorrelAidX Freiburg

### NON-PROFIT ORGANIZATION



Based in **Freiburg** 

,Germany

Website

Non-Profit

Organization,

created in **2022** 

https://CorrelAid.org/en/CorrelAidX/freiburg/

Projects are 2 to 6

months long

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### **Preferred industry/focus**

- Data Science,
- Social Impact

### **Working methodology**

### Team constitution per project

### **Number of Employees**

### **Funding Sources**

### **Organizational Structure**

- The board,
- volunteers

### **Social Impact Areas**



# CorrelAidX Göttingen

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in **2019**  Based in Göttingen, Germany

Projects are 2 to 6 months long

Website

### Type of Activities

- Social Impact Data Science Projects,
- Events,
- Trainings

### **Preferred industry/focus**

- Women'sErasing rights, Poverty, Socioeconomi
  - Equality, Refugee c equality/
- rights, integration, Environment al protection

### **Working methodology**

### Team constitution per project

**Number of Employees** 

### **Funding Sources**

- Partnership,
- · Membership fee,
- Donation

**Organizational Structure** 

**Social Impact Areas** 

**KPIs** 

https://CorrelAid.org/en/CorrelAidX/freiburg/



# CorrelAidX Hamburg

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in **2020**  Based in Hamburg, Germany

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/hamburg/

### Type of Activities

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

### **Working methodology**

### Team constitution per project

### **Number of Employees**

• 10 employees

### **Funding Sources**

- Partnership,
- · Membership fee,
- Donation

### **Organizational Structure**

- · The board,
- volunteers

### **Social Impact Areas**



# CorrelAidX Jena

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in 2021 Based in **Thuringia**, Germany

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/jena/

### **Type of Activities Preferred industry/focus** • Social Impact Data Science Projects, Events, Trainings **Working methodology** Team constitution per project **Number of Employees Organizational Structure** Social Impact Areas **Funding Sources** Partnership, · Membership fee, Donation KPIs

# CorrelAidX Karlsruhe

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2020

Based in **Karlsruhe**, Germany

Projects are **2 to 6 months** long

Website

https://CorrelAid.org/en/CorrelAidX/karlsruhe/

### Type of Activities

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

**Number of Employees** 

**Working methodology** 

**Funding Sources** 

- Partnership,
- Membership fee,
- Donation

Team constitution per project

**Organizational Structure** 

**Social Impact Areas** 

\_

KPIs

-

# CorrelAidX Konstanz

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2019

Based in **Konstanz**, Germany

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/konstanz/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

# Preferred industry/focus

### **Working methodology**

-

### Team constitution per project

-

### **Number of Employees**

-

### **Organizational Structure**

\_

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

### KPIs

• Number of projects



# CorrelAidX Leipzig

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2020

Based in **Leipzig**, Germany

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/leipzig/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

### **Working methodology**

**Number of Employees** 

-

### Team constitution per project

Organizational Structure

- \_\_\_\_\_
- The board,Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

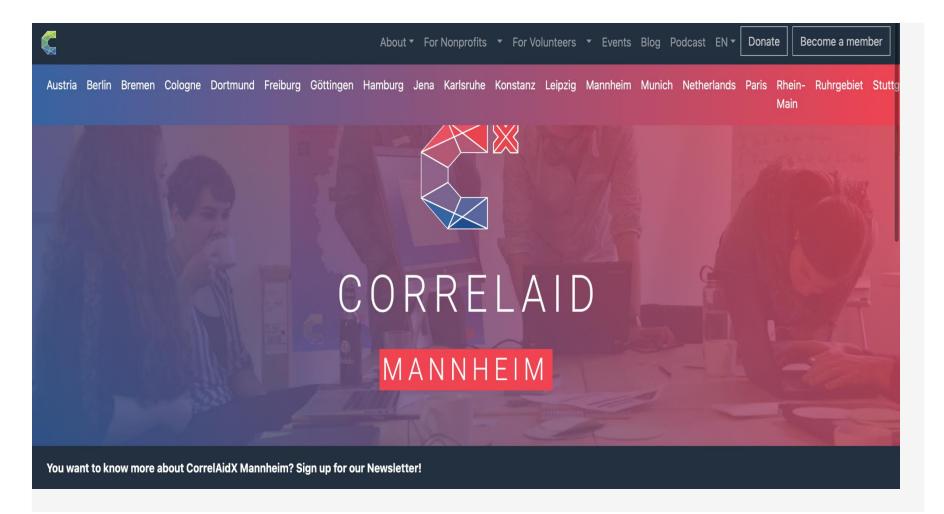
### KPIs

-



# CorrelAidX Mannheim

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in 2017

Based in **Mannheim**, Germany

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/mannheim/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

-

### **Working methodology**

-

### Team constitution per project

-

### **Number of Employees**

-

### **Organizational Structure**

- The board,
- Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

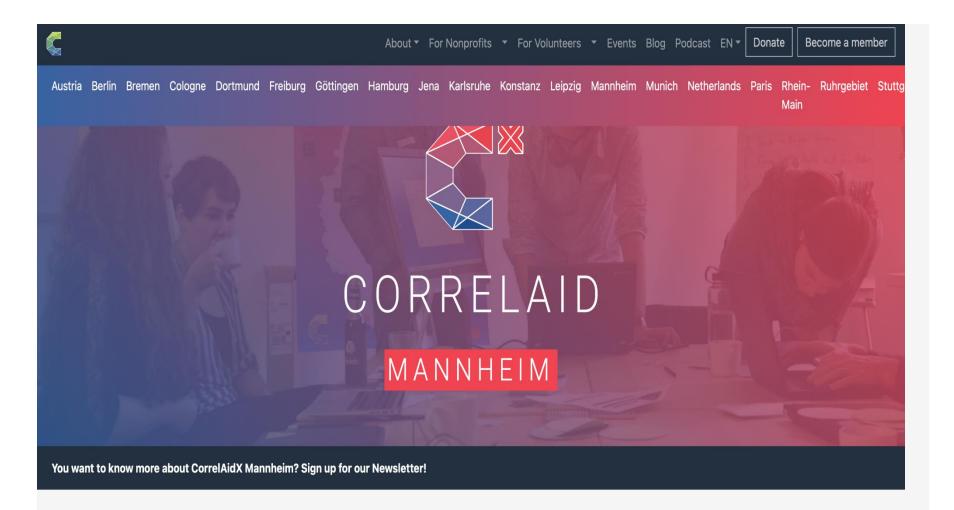
-

- Number of Projects
- Events made



## CorrelAidX Munich

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2020

Based in **Munich**, Germany Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/munich/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

# Preferred industry/focus -

### Working methodology

-

### Team constitution per project

-

### Number of Employees

• 31 employees

### **Organizational Structure**

-

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

### KPIs

• Number of Projects



# CorrelAidX Netherlands

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2020

Based in **Amsterdam**, Netherlands

Projects are 2 to 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/netherlands/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

-

### **Working methodology**

• More than 90

### Team constitution per project

-

### **Number of Employees**

• 31 employees

### **Organizational Structure**

- The board,
- Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

### KPIs

- Number of projects,
- Number of events,

• Number of subscribers to their newsletters



# CorrelAidX Paris

### NON-PROFIT ORGANIZATION



Non-Profit
Organization,
created in 2019

Based in **Paris**, France Teams of 10 people work in projects that are 2 - 6 months long

Website

https://CorrelAid.org/en/CorrelAidX/paris/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

### Preferred industry/focus

- Education,
- Health data analysis

### **Working methodology**

### odology Team constitution per project

### **Number of Employees**

### **Organizational Structure**

- The board,
- Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

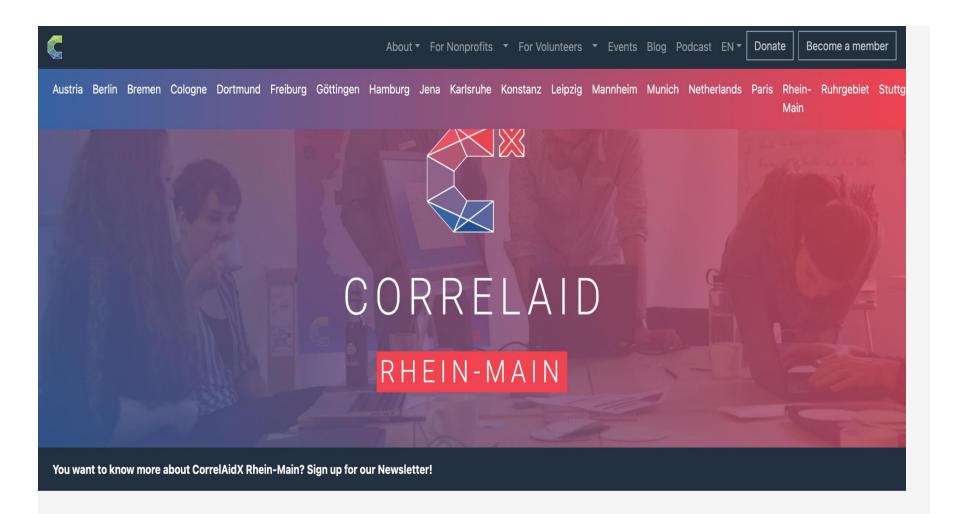
### KPIs

Number of projects,



## CorrelAidX Rhein-Main

### NON-PROFIT ORGANIZATION



Non-Profit Organization

Based in **Rhein- Main**, Germany

Work in projects that are **2 - 6 months** long

Website

https://CorrelAid.org/en/CorrelAidX/rhein-main/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

# Preferred industry/focus

### **Working methodology**

-

### Team constitution per project

### **Number of Employees**

More than 100

### **Organizational Structure**

- The board,
- Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

-

### KPIs

• Number of projects



# CorrelAidX Ruhrgebiet

### NON-PROFIT ORGANIZATION



Non-Profit Organization

Based in **Ruhrgebiet**, Germany

Work in projects that are **2 - 6 months** long

Website

https://CorrelAid.org/en/CorrelAidX/ruhrgebiet/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

# Preferred industry/focus -

### **Working methodology**

\_

# Team constitution per project -

### Number of Employees

More than 100

### **Organizational Structure**

- The board,
- Volunteers

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

### KPIs

• Number of projects



# CorrelAidX Stuttgart

### NON-PROFIT ORGANIZATION



Non-Profit Organization

Based in **Stuttgart**, Germany

Work in projects that are **2 - 6 months** long

Website

https://CorrelAid.org/en/CorrelAidX/stuttgart/

# 

# Number of Employees Organizational Structure

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### Social Impact Areas

Preferred industry/focus

Team constitution per project

\_

KPIs

-



## CorrelAidX Switzerland

### NON-PROFIT ORGANIZATION



Non-Profit Organization, created in 2017 Based in **Zurich**, Switzerland

Website

https://CorrelAid.org/en/CorrelAidX/switzerland/

### **Type of Activities**

- Social Impact Data Science Projects,
- Events,
- Trainings

# Preferred industry/focus -

### **Working methodology**

-

### Team constitution per project

-

### **Number of Employees**

• 400 employees and volunteers

### **Organizational Structure**

\_

### **Funding Sources**

- Partnership,
- Membership fee,
- Donation

### **Social Impact Areas**

\_

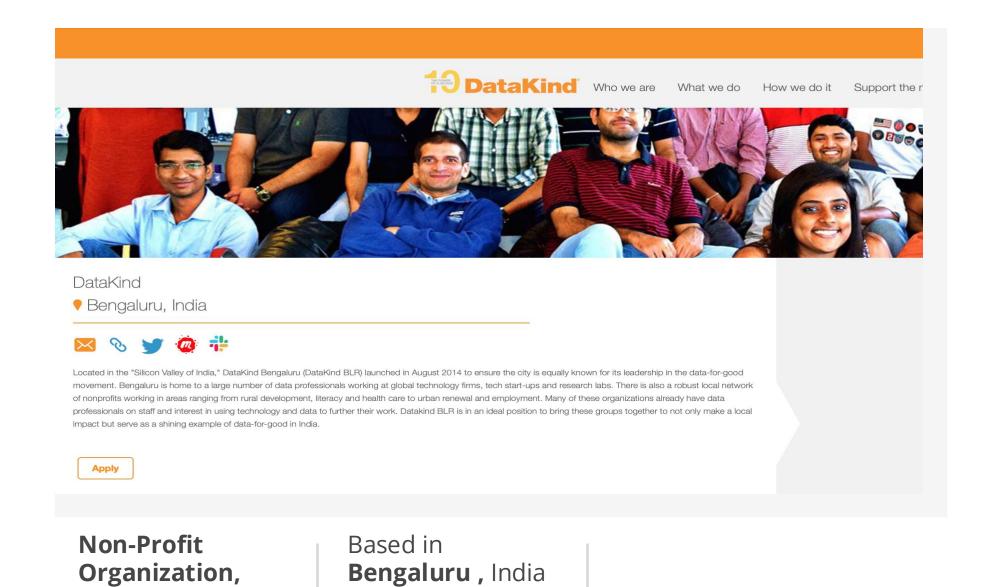
### KPIs

• Number of projects



# DataKind Bengaluru

### NON-PROFIT ORGANIZATION



Website

created in 2014

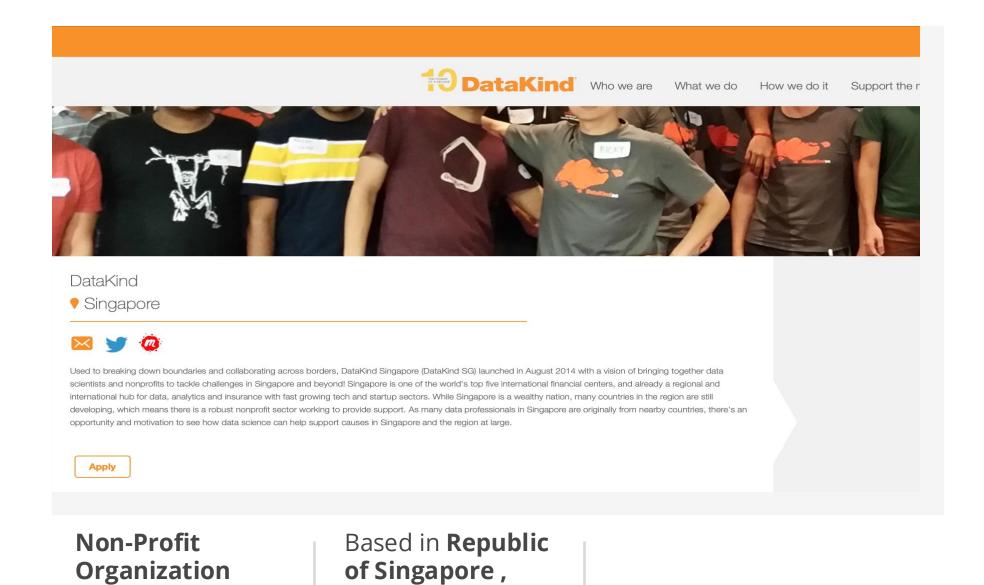
https://www.DataKind.org/chapters/1

Type of Activities	Preferred industry/focus
<ul><li>Social Impact Data Science Projects,</li><li>Events,</li><li>Trainings</li></ul>	<u>-</u>
Working methodology	Team constitution per project
<u>-</u>	<u>-</u>
Number of Employees	Organizational Structure
-	-
Funding Sources	Social Impact Areas
<u>-</u>	-
KPIs	
	-



# DataKind Singapore

### NON-PROFIT ORGANIZATION



Website

https://www.DataKind.org/chapters/3

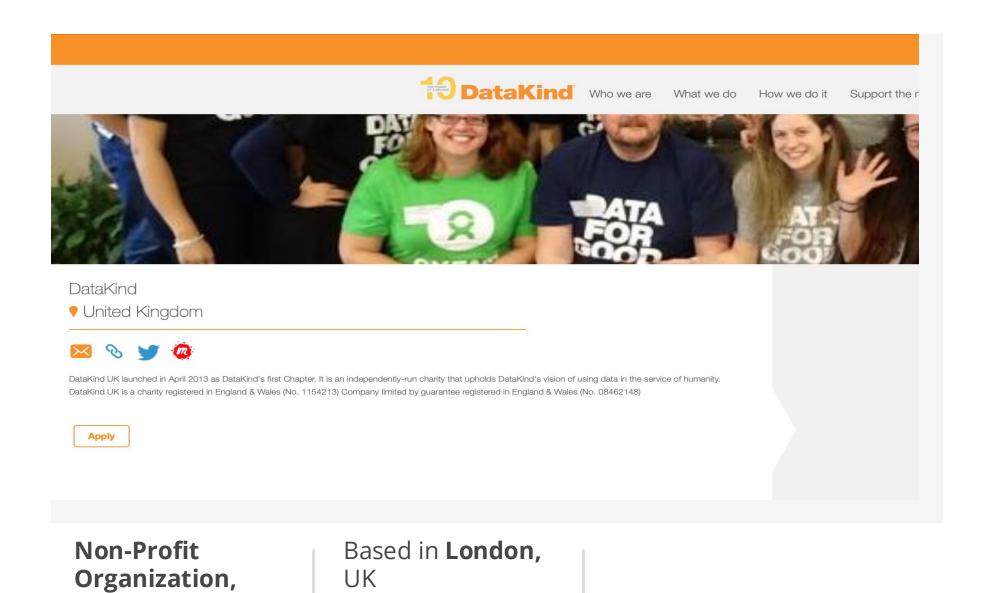
Type of Activities	Preferred industry/focus
<ul><li>Social Impact Data Science Projects,</li><li>Events,</li><li>Trainings</li></ul>	_
Working methodology	Team constitution per project
-	-
Number of Employees	Organizational Structure
-	-
Funding Sources	Social Impact Areas
-	<del>-</del>
KPIs	



Singapore

# DataKind United Kingdom

### NON-PROFIT ORGANIZATION



Website

created in 2013

https://www.DataKind.org/chapters/4

	Transfer Jirasan
<ul> <li>Social Impact Data Science Projects,</li> <li>Events,</li> <li>Trainings</li> </ul>	<del>-</del>
Working methodology	Team constitution per project
-	-
Number of Employees	Organizational Structure
-	<del>-</del>
Funding Sources	Social Impact Areas
-	_
KPIs	
	-

Preferred industry/focus

Type of Activities

# Thank you!













Member of









Participant in