

EPSILON – European Platform for Data Science: Incubation, Learning, Operations and Network
Training Material for Teaching and Self-Learning

A Comparative Analysis of Data for Good Initiatives Module 3/6

This work is licensed under a Creative Commons Attribution 4.0 International ([CC BY 4.0](https://creativecommons.org/licenses/by/4.0/)) License.

Created by Harz University of Applied Science, © [2024].

Further information on the terms of use of the material under the above license can be found on the last page of this document.

Agenda

- ▶ The „Data for Good“ Landscape
- ▶ Organizations and Initiatives
- ▶ Key Indicators
- ▶ Main Findings

The “Data for Good” Landscape

The Nova Benchmark Report

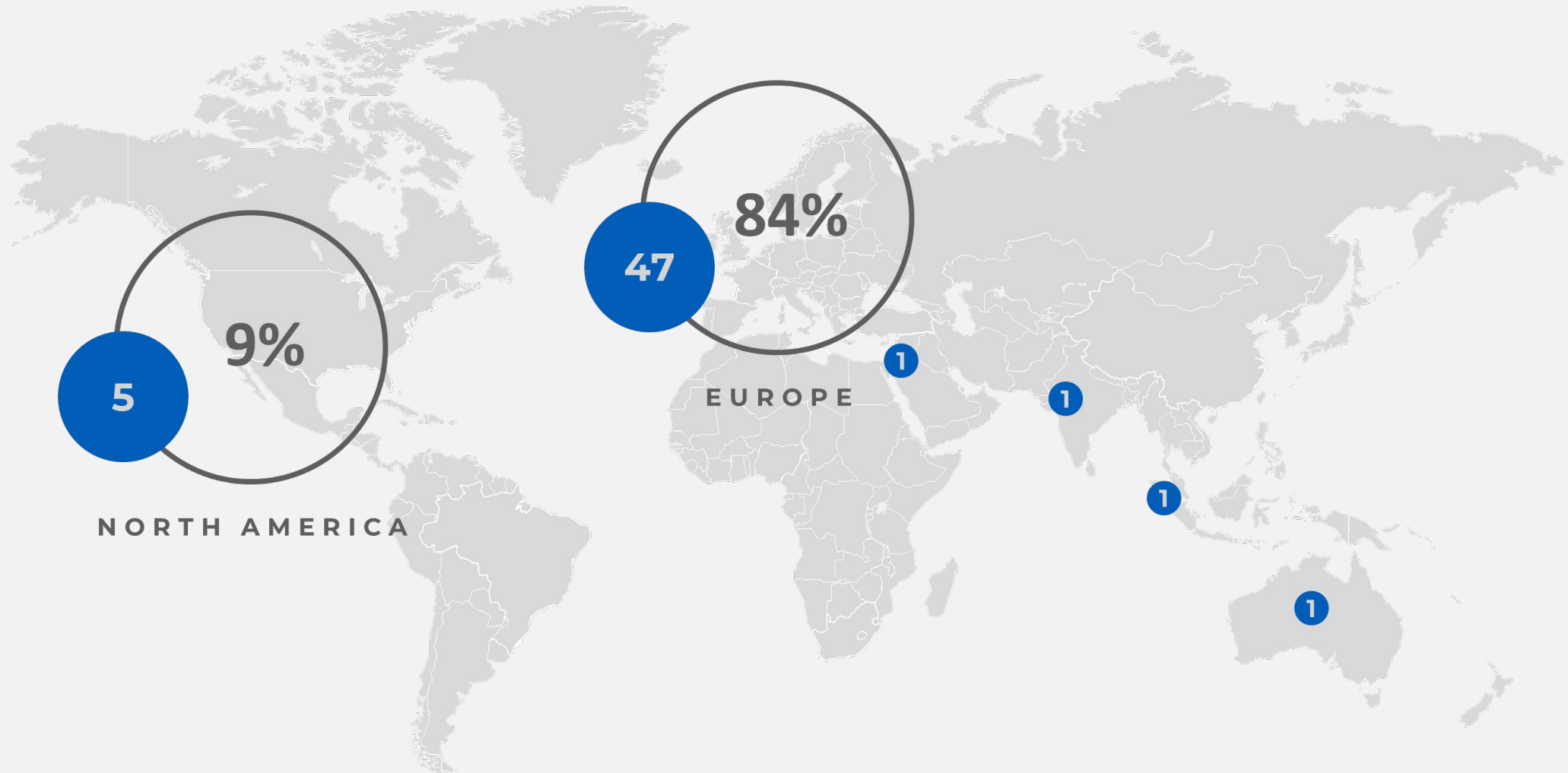


Benchmark Report



In order to approach the term '**Data Science for Social Good**' (DSSG) scientifically, a benchmark study was carried out by the *NOVA School of Business & Economics in Portugal* as part of the EPSILON project to determine the success factors for DSSG organizations and initiatives.

Location of Organizations and Initiatives



Organizations and Initiatives

A dark blue horizontal bar spanning the width of the slide, starting with a white circle on the left side.

List of Organizations and Initiatives

- ▶ DSSG Berlin
- ▶ DSSG Salzburg
- ▶ DSSG Portugal
- ▶ DSSG Spain (SoGooData)
- ▶ DSSG Solve
- ▶ Data for Good
- ▶ BE-GOOD Project: Open Data For Smarter Society
- ▶ DSSG Europe (Foundation)
- ▶ Center for Data Innovation
- ▶ Fable Data
- ▶ FairsFair Project
- ▶ Data for Good
- ▶ DataKind
- ▶ Peace-Work
- ▶ 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 Madrid
- ▶ Data for Good Barcelona
- ▶ Data for Good SAS
- ▶ Tech for Good Accenture
- ▶ CorrelAid
- ▶ Data 4 Good

List of Organizations and Initiatives

- ▶ 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
- ▶ DataKind Singapore
- ▶ DataKind United Kingdom

Key Indicators

Key-variables collected from each organization/ initiative to develop the benchmark

List of Key Indicators

- Set of indicators, to characterize and compare these organizations/ initiatives:

Status & Legal

Variables concerning the General Status and Legal Structure.

Current Status,
Ownership, Legal
Format

General

General descriptive variables.

e.g. Geographical
Scope, Type of
Activities, Preferred
Industry, Type of
Partnership

Working Methodology

Variables related to the way projects are carried out.

Working
Methodology,
Project Duration,
Team Size, Team
Constitution

HR & Financing

Variables related to People & Financing.

Funding and Sources,
Number of
Employees,
Organizational
Structure

Impact

Variables related to Social Impact and performance indicators.

KPIs (General),
KPIs (Impact),
Social Impact
Area

Main Findings

A dark blue horizontal bar spanning the width of the slide, with a white circle on the left side.

Status & Legal

Variables concerning
the General Status and
Legal Structure.

- 100 % are **active**
- 89 % are **private**
- 93 % are **non-profit**
- Most are **initiatives**

General

General descriptive variables.

- 68% operated **nationally**
- 59% were created in the last **5 years**
- 79% have **social impact & social good** as preferred industry/ focus
- The most common type of partnership is **data partnership**
- Most have projects, events, trainings and activities

Working Methodology

Variables related to the way projects are carried out.

- In most cases a project takes **4-6 months** to complete
- Each initiative has its working methodology regarding project development
- Most have **6 to 8 team members** on the DS projects

HR & Financing

Variables related to
People & Financing.

- The most common funding source are **partnerships** (42%)
- Most have **5 to 13 employees**
- Each one has its own organizational structure

Impact

Variables related to Social Impact and performance indicators.

- The most KPIs are the **Number of Projects and Number of Community Members**
- 71% measure impact through the **results** of each project
- **Good Health and Well-being** (SDG 3) is the most common Social Impact Area
- **Climate Action** (SDG 13) is the most common Social Impact Area in projects



Sources

NOVA School of Business and Economics (2022), *European Platform for Data Science: Incubation, Learning, Operations and Network* – EPSILON Benchmark Report, Portugal

Open Educational Resources

ATTRIBUTION 4.0 INTERNATIONAL - Deed

- ▶ You are free to:
- ▶ Share - copy and redistribute the material in any medium or format.
- ▶ Adapt - remix, transform, and build upon the material for any purpose, even commercially.
- ▶ Under the following terms:
- ▶ Attribution - You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. If you wish to use this work in a way not covered by the license, please contact:

Harz University of Applied Science
Friedrichstraße 57 – 59
38855 Wernigerode
E-mail: info@hs-harz.de