

# Data for Development

DIGITAL DEVELOPMENT DIALOGUE (3D) SEMINAR



**Shaida Badiee, Open Data Watch**

16 December 2021

# Data for development



Investing in data and statistics is the only way in which we will be able to make the decisions needed to respond and recover from the COVID-19 pandemic and get on track to deliver the Sustainable Development Goals (SDGs) by 2030.



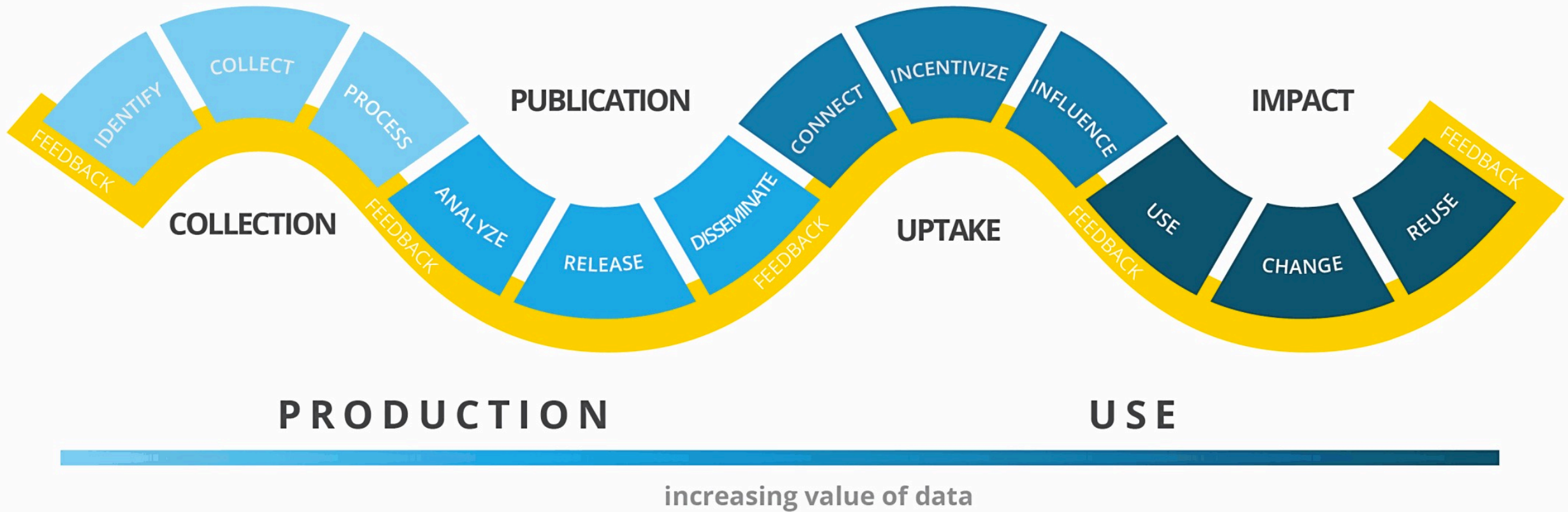
**António Guterres,**  
United Nations Secretary-General



UN Photo/Mark Garten



# DATA VALUE CHAIN

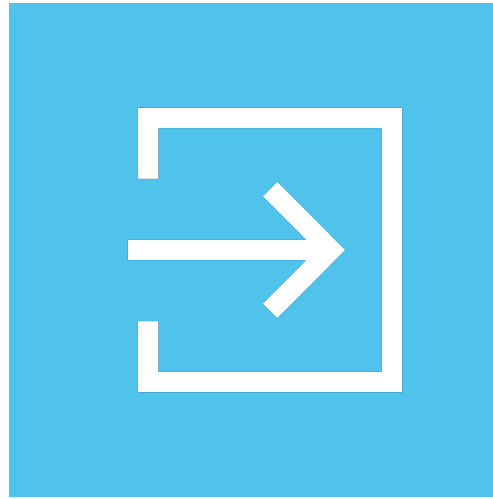


# The Open Data Definition

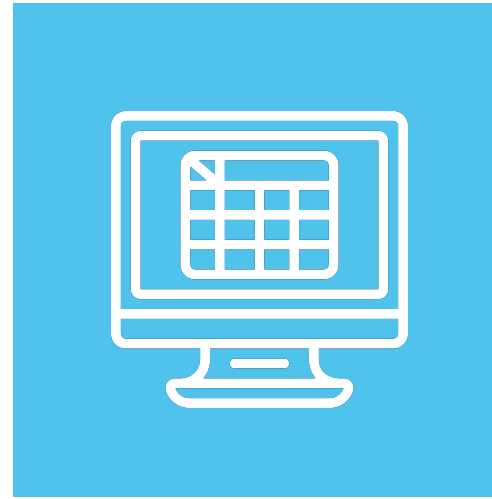
There are four main criteria of openness according to the Open Definition:



Open License



Access



Machine  
Readability



Non-  
proprietary



# ODIN OPEN DATA INVENTORY 2020/21

by OPEN DATA WATCH



# What is ODIN and what does it measure?

The Open Data Inventory (ODIN) is an evaluation of the coverage and openness of data provided on the websites maintained by national statistical offices (NSOs) and any official government website that is accessible from the NSO site. The overall ODIN score is an indicator of how complete and open an NSO's data offerings are.

Countries' ODIN score is comprised of both a coverage and openness score.

## Data Coverage

 # of indicators & disaggregations

 Frequency of data

 Subnational data

## Data Openness

 Open format & metadata

 Download options

 Data licensing



# What categories does ODIN cover?

## Social

- **Population & Vital Statistics**
- **Education Facilities**
- **Education Outcomes**
- **Health Facilities**
- **Health Outcomes**
- **Reproductive Health**
- **Food Security & Nutrition**
- **Gender**
- **Crime & Justice**
- **Poverty & Income**

## Economic

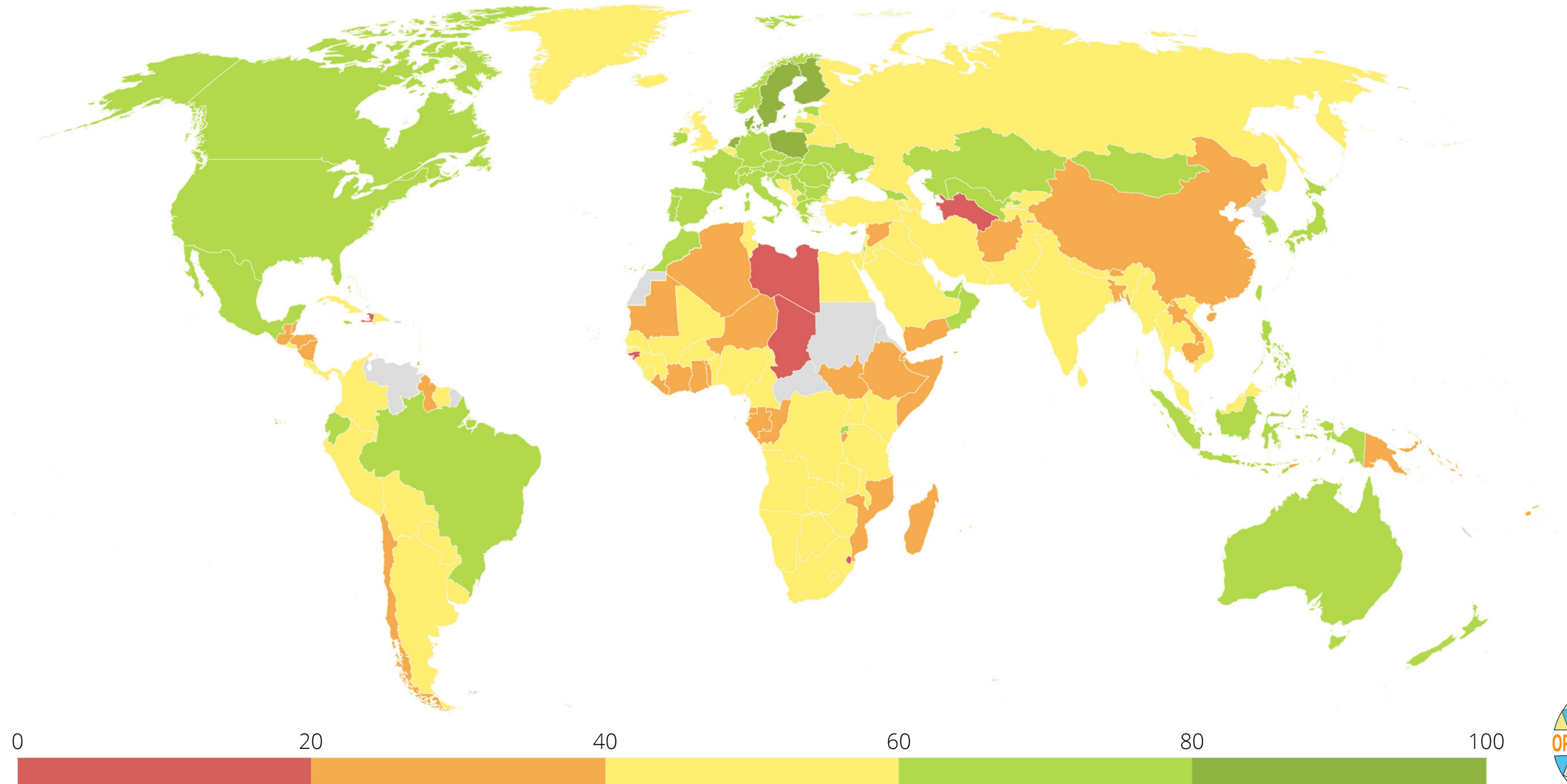
- **National Accounts**
- **Labor**
- **Price Indexes**
- **Government Finance**
- **Money & Banking**
- **International Trade**
- **Balance of Payments**

## Environmental

- **Land Use**
- **Resource Use**
- **Energy Use**
- **Pollution**
- **Built Environment**

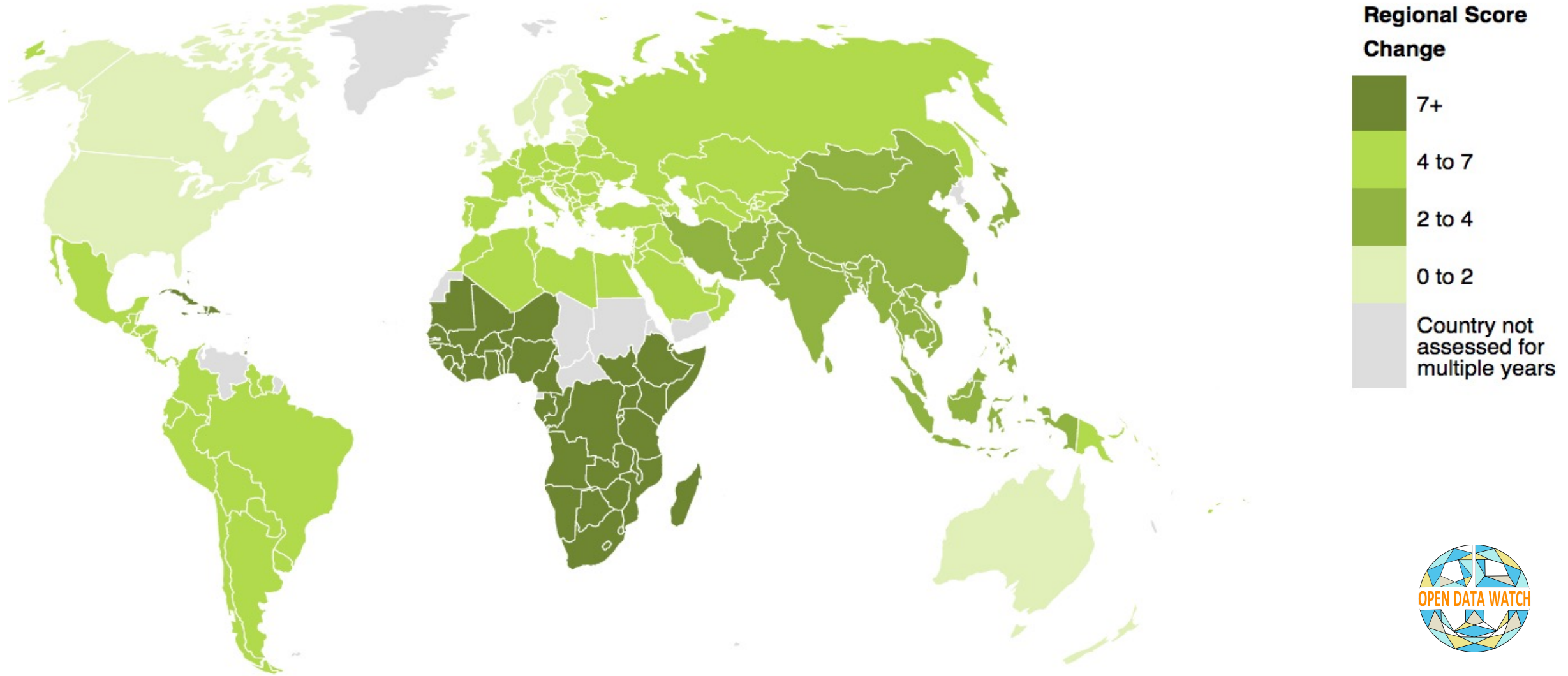


# ODIN 2020/21 Global Results





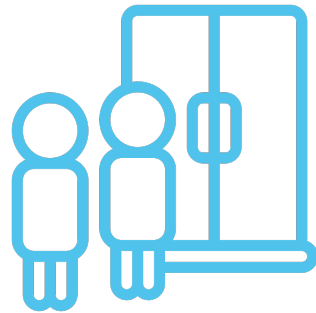
# Improvements in regional ODIN scores, 2018-2020



# Why does open data for development matter?



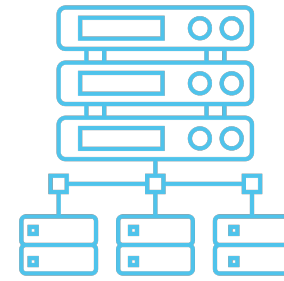
Promotes economic growth and job creation



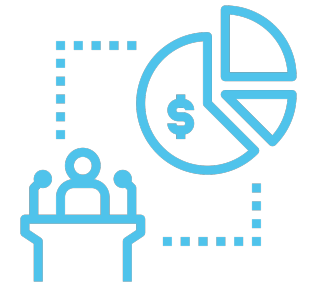
Improves efficiency and effectiveness of public services



Increases transparency, accountability, & citizen participation



Fosters better information sharing within government



Encourages evidence-based policy making and monitoring

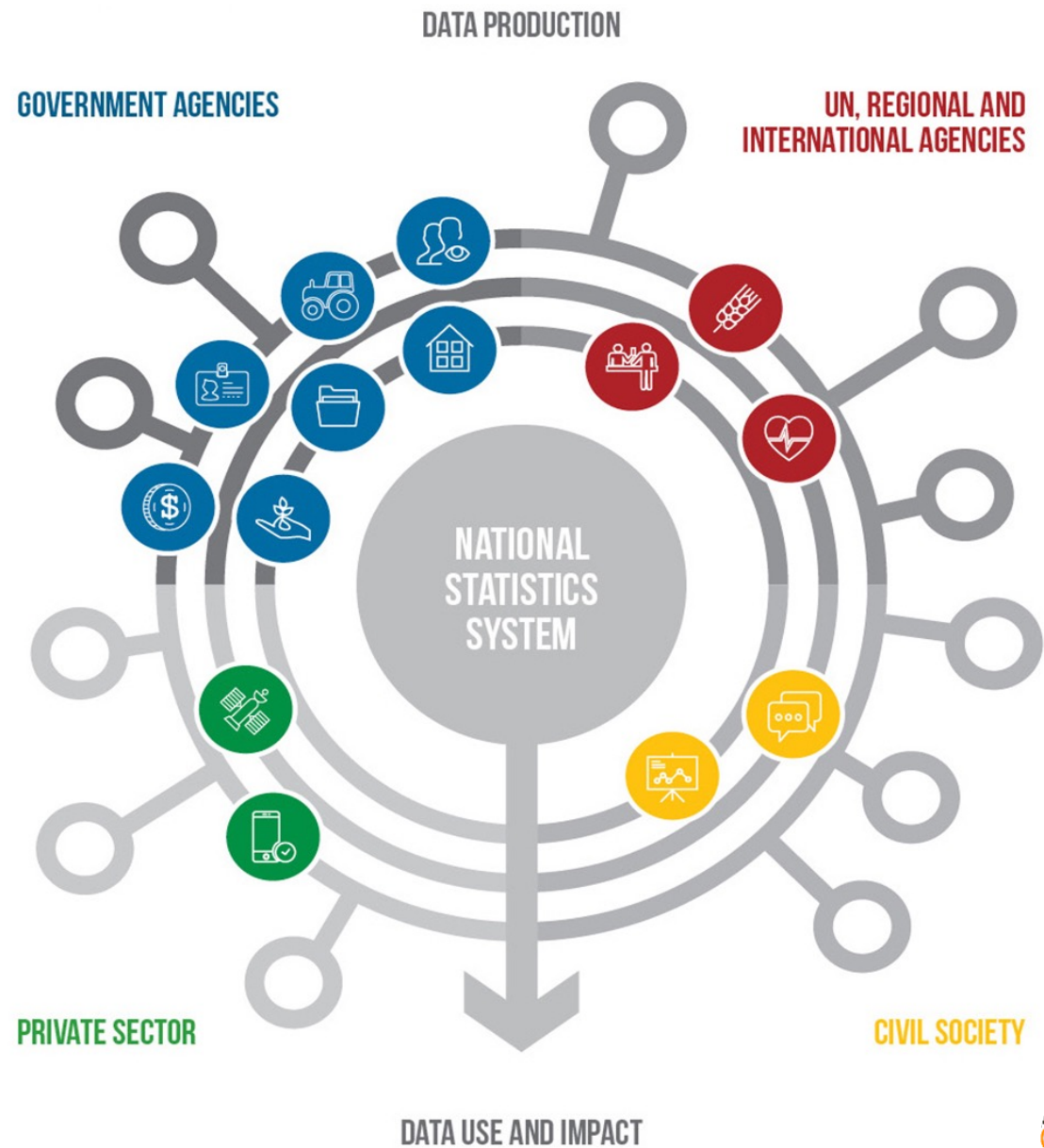
# From open data to development impact

- When Colombia published a variety of open government datasets on the state of Colombia's agriculture system, the Aclímate Colombia project used them to create a platform that **helps farmers understand how to navigate shifting weather patterns**. (Open Data Impact Repository)
- Using Brazil's open government budget data, the Brazilian Office of the Comptroller General created the Transparency Portal **to advance transparency and stimulate citizen participation**. (Open Data Impact Repository)
- After the South African government opened their data, Code for South Africa used a dataset to develop an easy-to-use application that **allows patients to compare the cost of doctor-prescribed medicines** with other medications with the same ingredients. (World Bank Development Report 2021)



# The expanding data ecosystem

Harnessing the power of data for sustainable development requires all hands on deck – including the next generation of data for development leaders.





**THANK YOU**

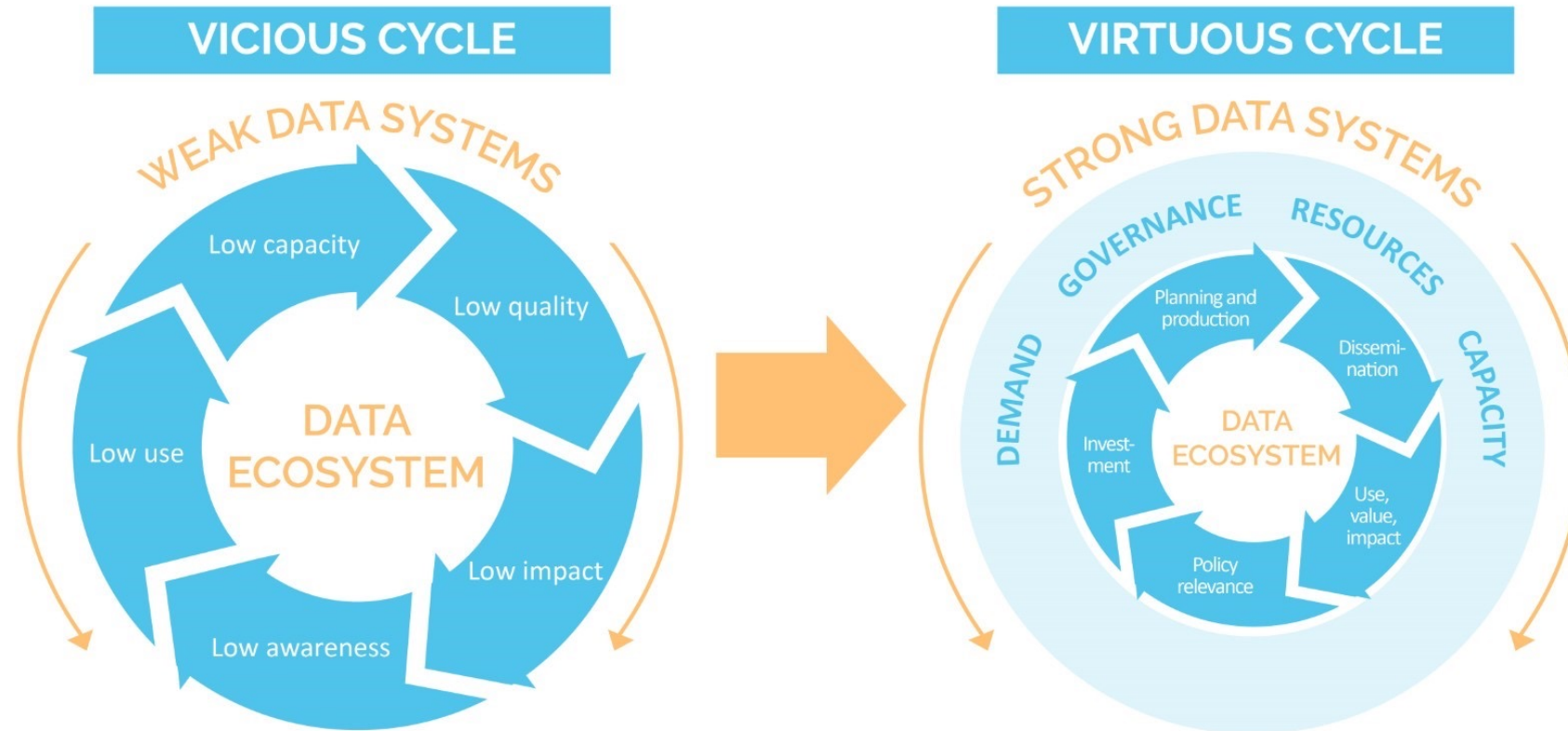
Shaida Badiee  
[opendatawatch.com](http://opendatawatch.com)  
[@OpenDataWatch](https://twitter.com/OpenDataWatch)



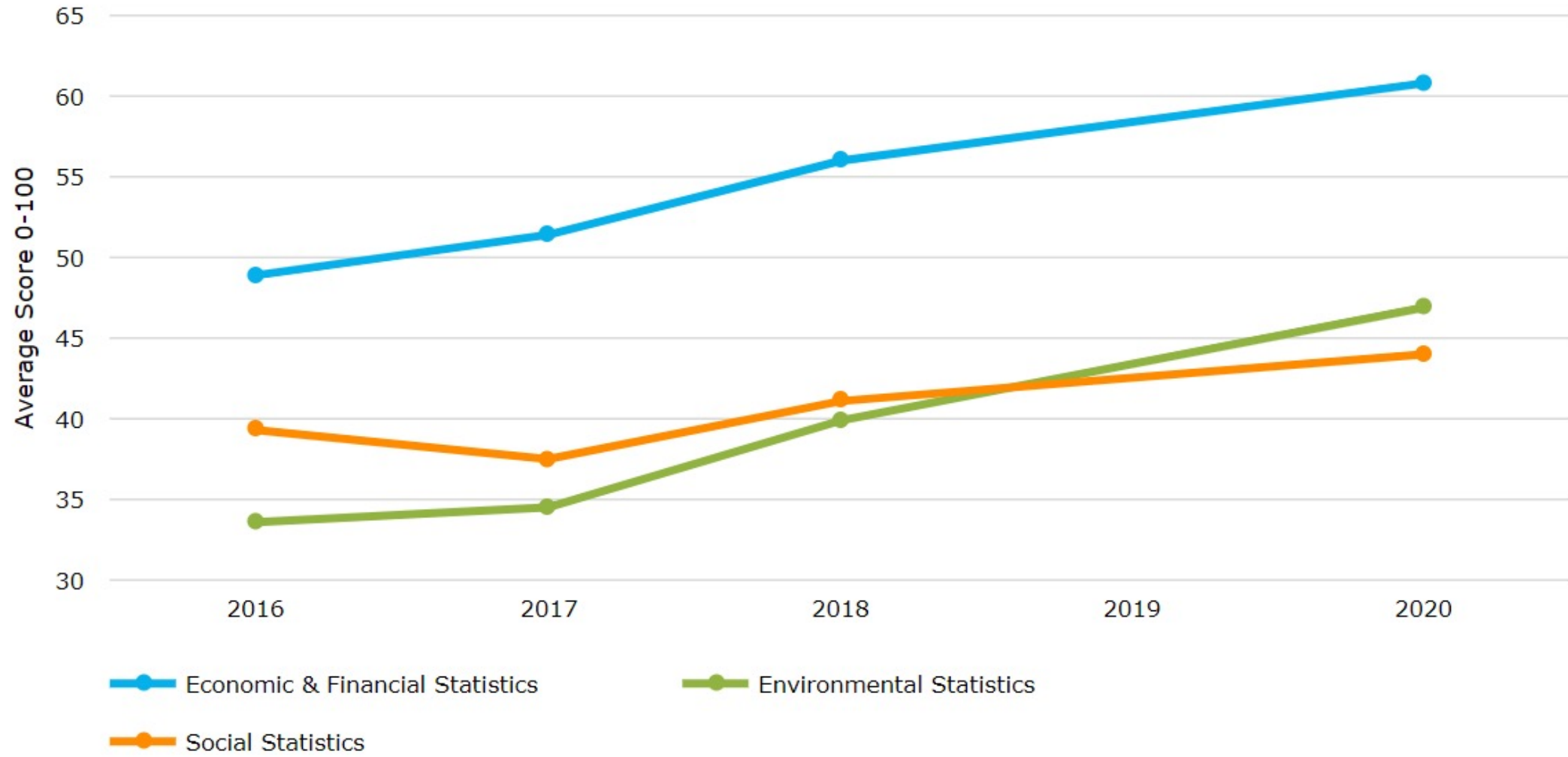
A world map composed of orange dots, with a blue horizontal band across the center. The text "Additional Slides" is centered in the blue band.

# Additional Slides

# Moving data from a vicious cycle to a virtuous one

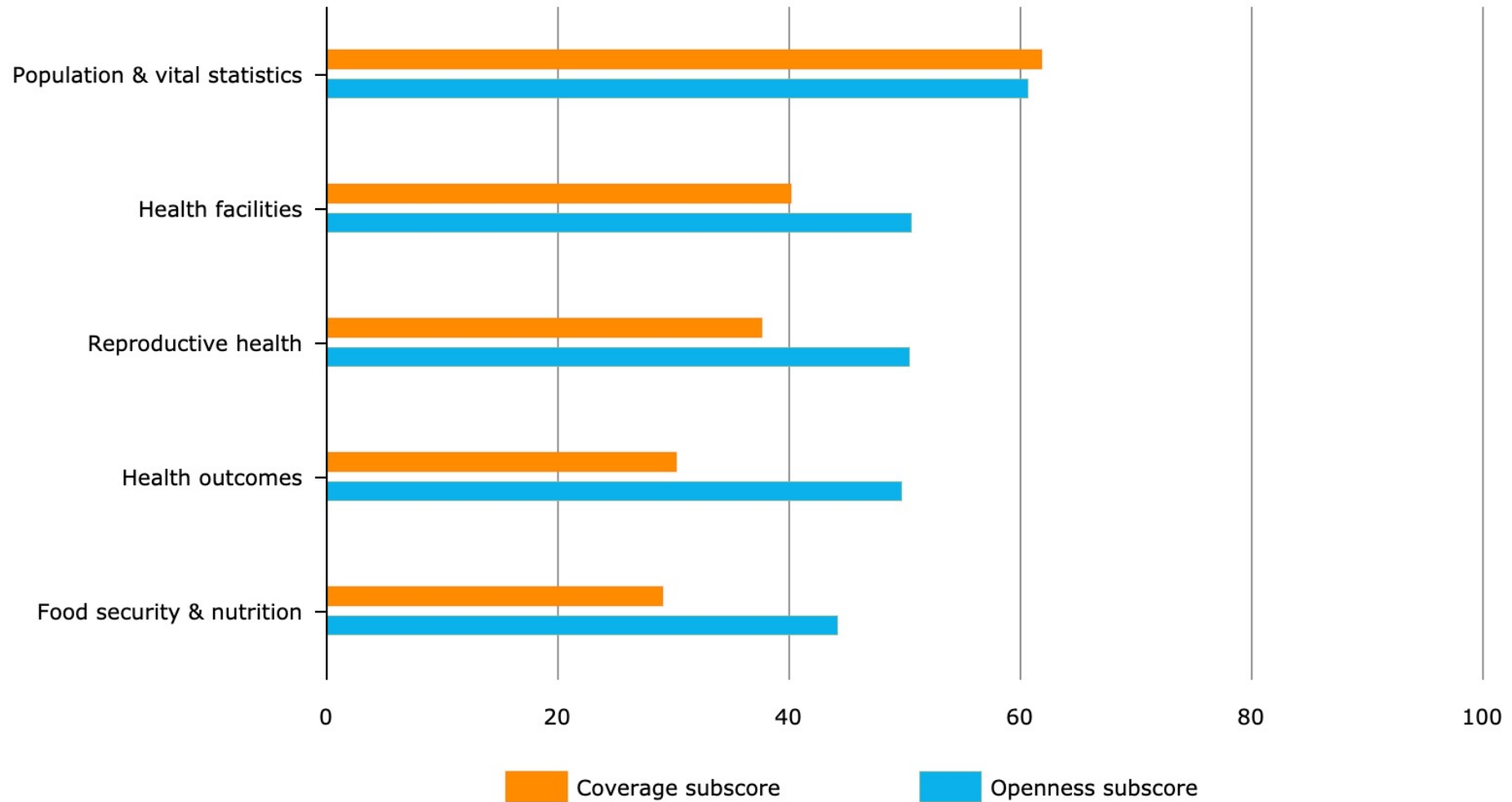


# Not all statistics are on the same trajectory





# Health-related data still score low, but improving



# Gender Data has been improving, but not as much as other data

