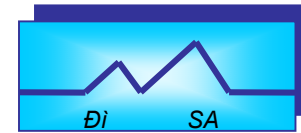# Open Source Data Platform for SDGs - Armenia

5th Workshop on statistics for SDGs, 31 March 2021, Geneva (virtual)

Anahit Safyan, PhD, Armstat

Developing National Reporting Platform (NRP)

Minimum requirements for reporting:

➢ first step:

published table in Excel format

➢ second step:

developed web-based NRP

Coordination of capacity development at national level
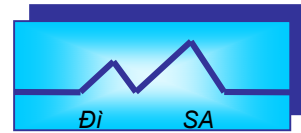
Resource partners' support to strengthen a statistical capacity

- **UNFPA, IOM - NRP**
- **Cooperation with US**

Task Force on SDGs, 27 April 2018

- UN Agencies
- Armenia National SDG Innovation Lab
- Government
- Armstat
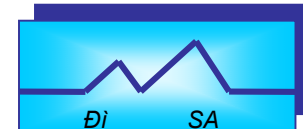
The Process

To improve NRP:

- ✓ UNFPA (purchased server)
- ✓ IOM (funded mission by Data Scientist, Center for Open Data Enterprise (CODE)), 21-27 January 2019, Yerevan, Armenia

Objectives:

- data imports, platform setup
- basic training
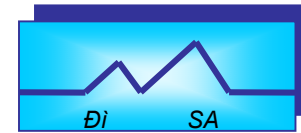
Open SDG community/documentation

https://open-sdg.readthedocs.io/en/latest/case-studies/armenia/

Why was Open SDG chosen?

- US experience on NRP
- Benefits of Open SDG:
  - ✓ ease of maintenance
  - ✓ high level of control
  - ✓ country ownership

Which organization was responsible for choosing and implementing the NRP?

- **Armstat**

Platform set up

Going through the Quick Start in the Open SDG documentation

Writing scripts to convert the existing data into the CSV format that Open SDG uses

Configuring the hosting server and deployment workflows
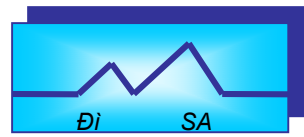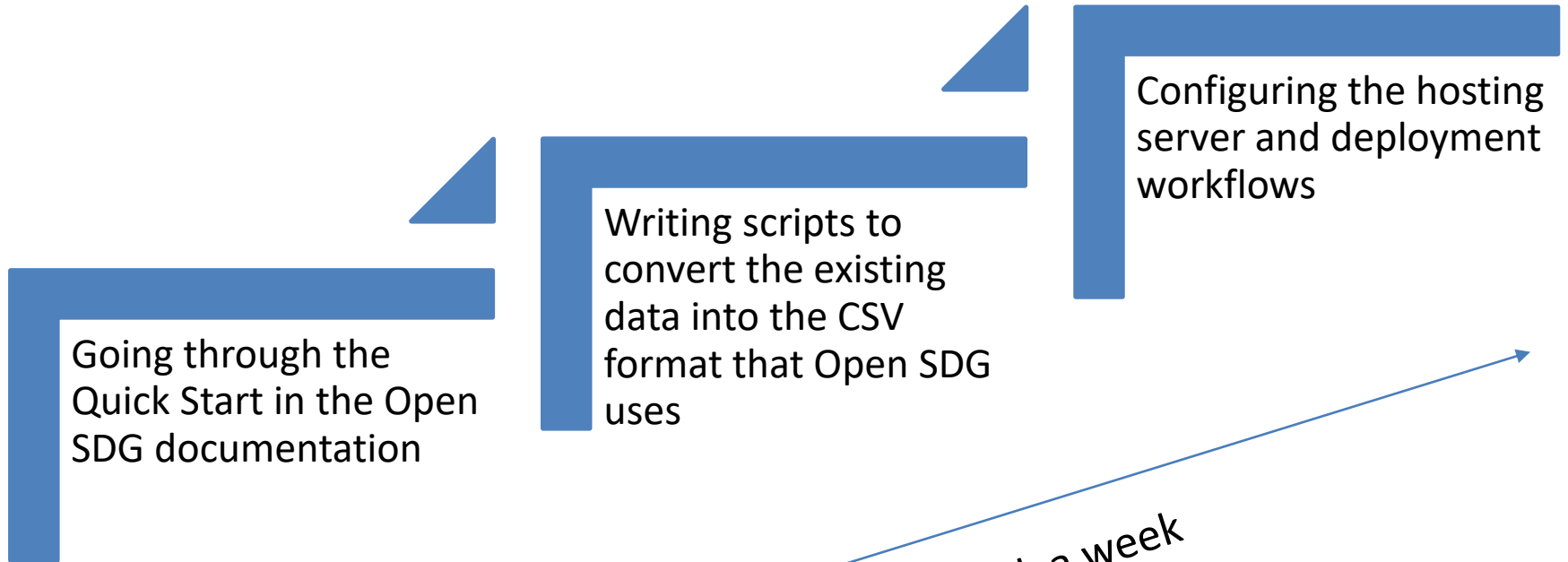
The initial setup took a week
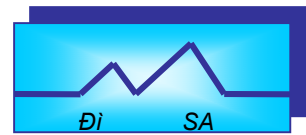
❖ **How is the platform hosted?**

- The staging environment is hosted on GitHub, the production environment on a local server

❖ **How is maintenance managed for the platform?**

- A local team trained by Data Scientist in using and managing the platform who also helps with technical issues

❖ **Languages**

- Armenian, English and Russian

Customizations added to the Open SDG platform

- The goal layout as a [two-column target/indicator arrangement](#)
- National indicators to be distinct from the global indicators

SUSTAINABLE DEVELOPMENT GOALS

REPORTING STATUS   ABOUT   GUIDANCE   FAQ   ⊕ ENGLISH ⌄   A Ⓐ
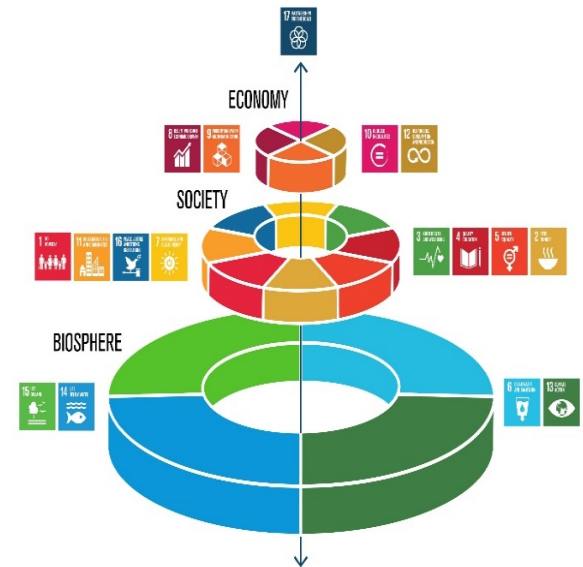
🔍 Indicator search

Armenia data for Sustainable Development Goal indicators

Click on each goal, or search, for Armenia statistics for Sustainable Development Goal global indicators.

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE AND JUSTICE	17 PARTNERSHIPS FOR THE GOALS	SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT **GOALS**

REPORTING STATUS   ABOUT   GUIDANCE   FAQ   🌐 ENGLISH ⌄   A Ⓐ

Indicator search 🔍

1 NO POVERTY

End poverty in all its forms everywhere

Home / Goal 1

Targets

1.1

By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than $1.25 a day

1.2

By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions

1.3

Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable

Indicators

1.1.1   `Reported online`

Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural)

1.2.1   `Reported online`

Proportion of population living below the national poverty line, by sex and age

1.2.2   `Reported online`

Proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions

1.3.1   `Exploring data sources`

Proportion of population covered by social protection floors/systems, by sex, distinguishing children, unemployed persons, older persons, persons with disabilities, pregnant women, newborns, work-injury victims and the poor and the vulnerable

1.3.1.a   `Reported online`

Proportion of registered disabled people to the total number of population at the end of the year

`National`

1.3.1.b   `Reported online`

Children with disabilities from diseases (aged 0-17 years)

`National`

1.3.1.c   `Reported online`

Proportion of registered disabled people to the total number of population at the end of the year

Sub-categories

Chart   Table

Choose categories from the dropdowns below to see different breakdowns of the data. Some will not be available until a higher level is chosen.

Click on the legend to remove individual lines from the chart.

Clear selections	✕

Sex	⌄

Select all	Clear all

female	☑
male	☐

Location	⌄

Select all	Clear all

rural	☑
urban	☑

Age	⌄

Select all	Clear all

aged 0-17 years	☑
aged 18-39 years	☐
aged 40-62 years	☐
aged 63 and older	☐

Proportion of registered disabled people to the total number of population at the end of the year

Legend: Armenia — aged 0-17 years — female — female, aged 0-17 years — female, rural — female, urban — rural — urban

Source: Armstat, Ministry of Labour and Social Affaires of RA

Geographical Area: Armenia

Unit of Measurement: %

Download Chart Image	Download Chart CSV	Download Source CSV

Proportion of registered disabled people to the total number of population at the end of the year

Sub-categories

Choose categories from the dropdowns below to see different breakdowns of the data. Some will not be available until a higher level is chosen.

Click on the legend to remove individual lines from the chart.

Clear selections ✖

Sex ⌄

| Select all | Clear all |

female ☑

male ☐

Location ⌄

| Select all | Clear all |

rural ☑

urban ☑

Age ⌄

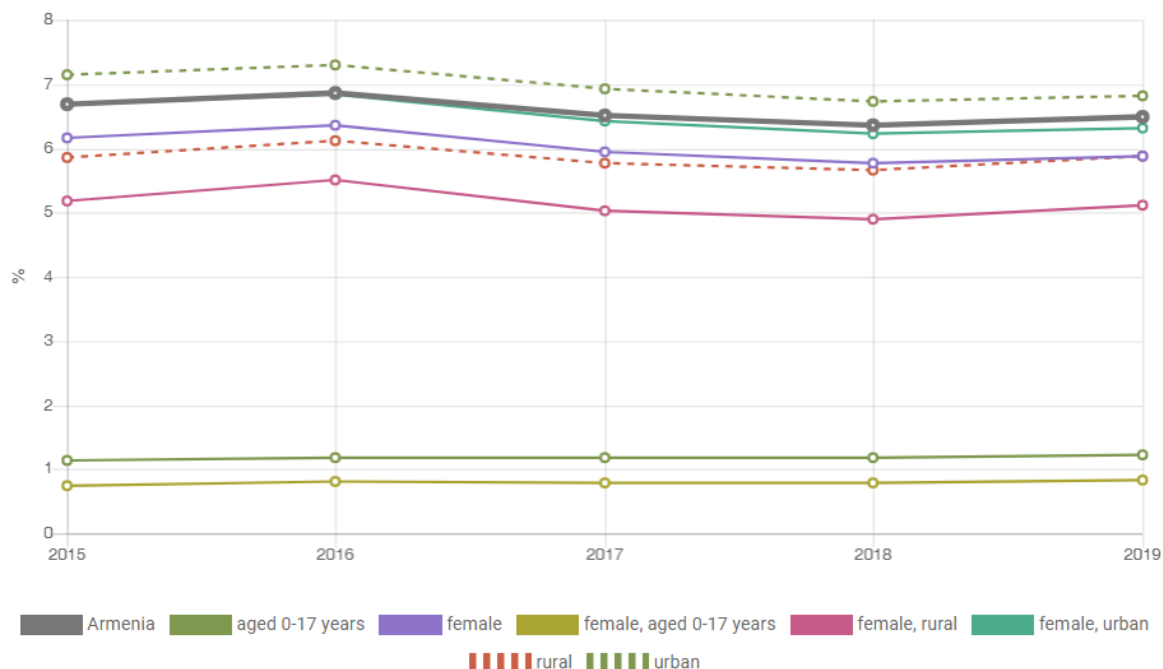| Select all | Clear all |

aged 0-17 years ☑

aged 18-39 years ☐

aged 40-62 years ☐

aged 63 and older ☐

Chart Table

Proportion of registered disabled people to the total number of population at the end of the year

Year ▲	Armenia	aged 0-17 years	female	female, aged 0-17 years	female, rural	female, urban
2015	6.68	1.13	6.16	0.75	5.17	6.69
2016	6.87	1.18	6.37	0.8	5.5	6.84
2017	6.51	1.18	5.94	0.79	5.03	6.42
2018	6.36	1.17	5.77	0.78	4.9	6.23
2019	6.49	1.23	5.89	0.82	5.11	6.31

Source: Armstat, Ministry of Labour and Social Affaires of RA
Geographical Area: Armenia
Unit of Measurement: %

| Download Table CSV | | Download Source CSV |

National Metadata   Global Metadata   Sources

This table provides metadata for the actual indicator available from Armenia statistics closest to the corresponding global SDG indicator. Please note that even when the global SDG indicator is fully available from Armenian statistics, this table should be consulted for information on national methodology and other Armenian-specific metadata information.

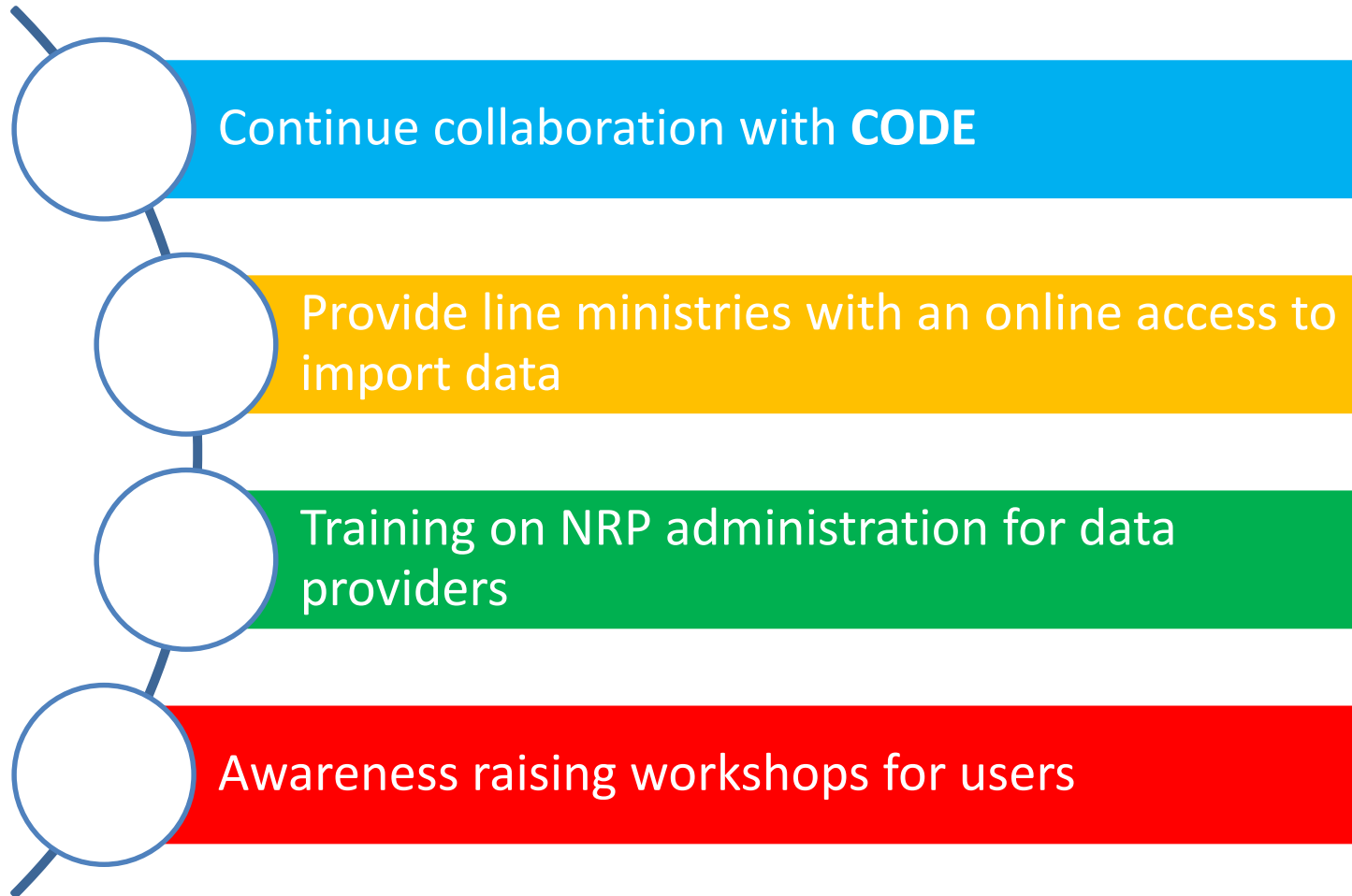| **Indicator available** | |
Indicator description	
Geographical coverage	Armenia
Unit of measurement	%
Definitions	

Lessons learned

- Open platform is easy to be customized
- Use cloud-based free services like GitHub and CircleCI

Link to Platform

https://sdg.armstat.am/

Next steps

Continue collaboration with **CODE**

Provide line ministries with an online access to import data

Training on NRP administration for data providers

Awareness raising workshops for users

Thank you

Armstat

3 Government House, Republic ave.,
Yerevan 0010, Republic of Armenia
Telephone: (37411) 524 213
Fax: (37411) 521 921
E-mail: info@armstat.am
http://www.armstat.am;
www.armstatbank.am