Large development targets like the SDGs are tracked and met by reporting on and monitoring country-level data. The agenda 2030 called for the use of multiple sources to monitor progress in the SDG targets. This calls for sound data strategies that break silos.

### Education Data Ecosystem

#### WHAT?

- **Schools**
  - Infrastructure
  - Location
- **Teachers**
  - Number of teachers
  - Age
- **Students**
  - Number of students
  - Gender
  - Age

#### WHY?

- **Ministry of Education**
- **Ministry of Finance**

#### HOW?

- **Surveys & Censuses**
- **Learning Assessments**
- **Financial & Expenditure**

#### ADMINISTRATIVE RECORDS

- Schools materials
  - Type (public/private/NGO)
- Qualifications
- Teacher attendance
- Teaching grade level
- Schools materials
  - Type (public/private/NGO)

#### FINANCIAL & EXPENDITURE

- **Ministry of Education**
- **Ministry of Finance**

#### SURVEYS & POPULATION CENSUSES

- Household and individual level socioeconomic indicators
- Labor market indicators

#### LEARNING ASSESSMENTS

- National school-based assessments
- Test scores
  - 'Student socioeconomic'

### IS THE DATA...

- Relevant, comparable, and accessible data are necessary inputs for education data to be used effectively for evidence-based policymaking

### Data Use

Identifying the distinct sources of data is a prerequisite for education stakeholders to leverage this data effectively.

### Data for Education

A Guide for Policymakers to Leverage Education Data

### Resources

- **Human Capital**
  - Shortage of skilled human capital
- **Communication**
  - Top Down Communication
  - Disaggregated
  - Technology
  - Funds

### Solutions

- **Capacity Building**
  - Gender mainstreaming
- **Technology**
  - Digitalization
- **Resources**