

# ArcGIS Solution for the SDGs

Supporting Esri's Commitment to the SDGs

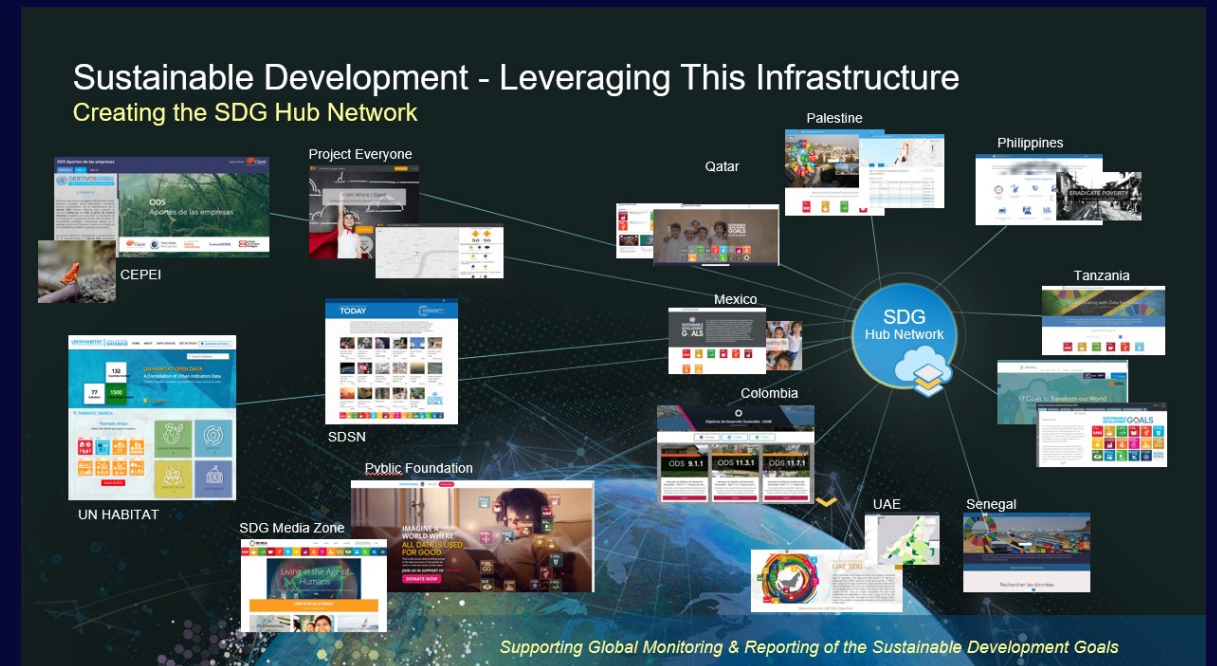
Tim Fella, Team Lead  
Geospatial Authorities

## Purpose of Esri's SDG Initiatives

*Democratize access to "timely, high-quality, and disaggregated data to drive targeted responses, help anticipate future needs, and shape needed actions" with geospatial context*

# Context

- ArcGIS Solution for SDGs launched on 15 Nov 2022
- Builds off earlier collaboration with UN and members states on the “Federated Information System for the SDGs” (FIS4SDGs) Guided by the SDG Data Alliance
- Supports:
  - Global Development Agencies
  - Governments
  - International Organizations
  - Nonprofits and NGOs
  - Academia
  - Private Sector



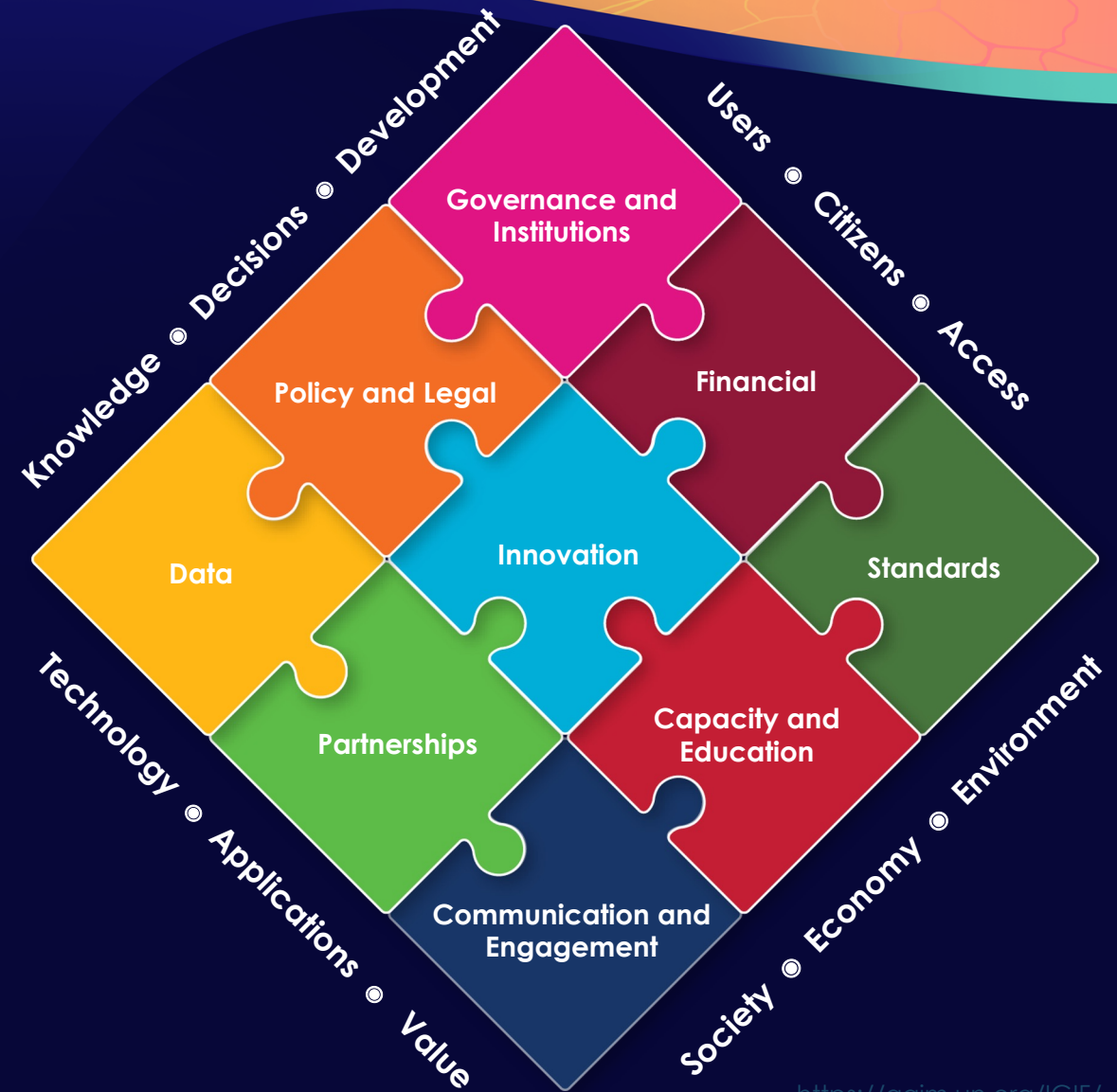
# Esri's SDG Approach - Partnership Driven

- Multistakeholder Partnerships
  - SDG Data Alliance
  - Academic Partners - SDSN, University of Minnesota, Other Esri University Partners
- Nonprofit Organizations and NGOs
  - Sustainable Development Solutions Network (SDSN)
  - Local2030 Islands Network
- Development Agencies
  - United Nations
  - Development Banks
- Private Sector



# Objectives and Outcomes

- **Leverage and strengthen** the in-country expertise from geospatial experts within and across governmental agencies and organizations leveraging the data hubs
- **Address national and global reporting** requirements to report on the SDGs with specific focus on SDG 10
- **Accelerate achievement of the SDGs** by accurately identifying areas for focus and investment



## Data Alliance Key Activities

- **Country-level action plans.** To improve national geospatial information management, an essential element of national digital infrastructures.
- **SDG Data Hubs.** To enable monitoring of achievement of the SDGs by goal, target, and indicator.



# Esri Technology for SDG Data Alliance Countries

## ArcGIS Software:

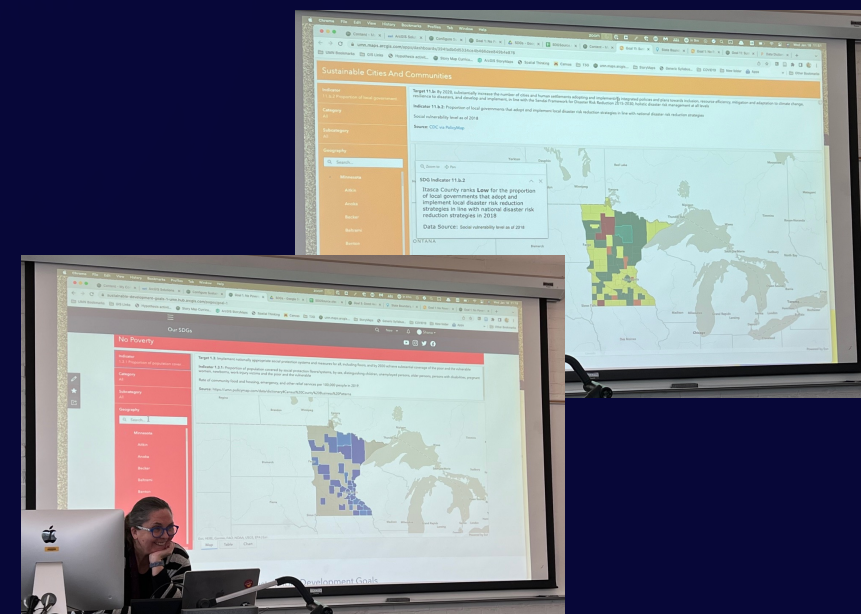
- ArcGIS Enterprise (1 Advanced + Server Roles)
- ArcGIS Online (5 Creator, 5 Viewer and 2 Insights named users, plus 10,000 ArcGIS Online Service Credits)
- ArcGIS Pro (2 Advanced Licenses + Extension Bundles)
- Duration: 3 years; maintenance at 85% discount until 2030

**ArcGIS Solution for the SDGs:** <https://doc.arcgis.com/en/arcgis-solutions/latest/reference/introduction-to-sustainable-development-goals.htm>

**Workshop with Esri Professional Services:** to implement the country's SDG Data Hub

# SDG Data Hubs Deployed & In-Process

- SDG Data Alliance Countries
  - Cameroon, South Africa, Mozambique, Senegal, Rwanda, Ghana, Philippines, Mongolia, Nepal, Indonesia, India, St. Lucia, Mexico, Brazil, Honduras, Guatemala, Chile, Morocco, Moldova, Fiji and Haiti
- UN and Global Development
  - UN Open SDG Data Hub
- Communities & Cities
  - Aguascalientes, MX
  - New Orleans, LA
  - Battle Creek, MI
  - Miami, FL
- State/Provincial & Local Governments
  - Michigan, Minnesota, Arizona, Washington, Guam, Micronesia, Florida, Hawaii





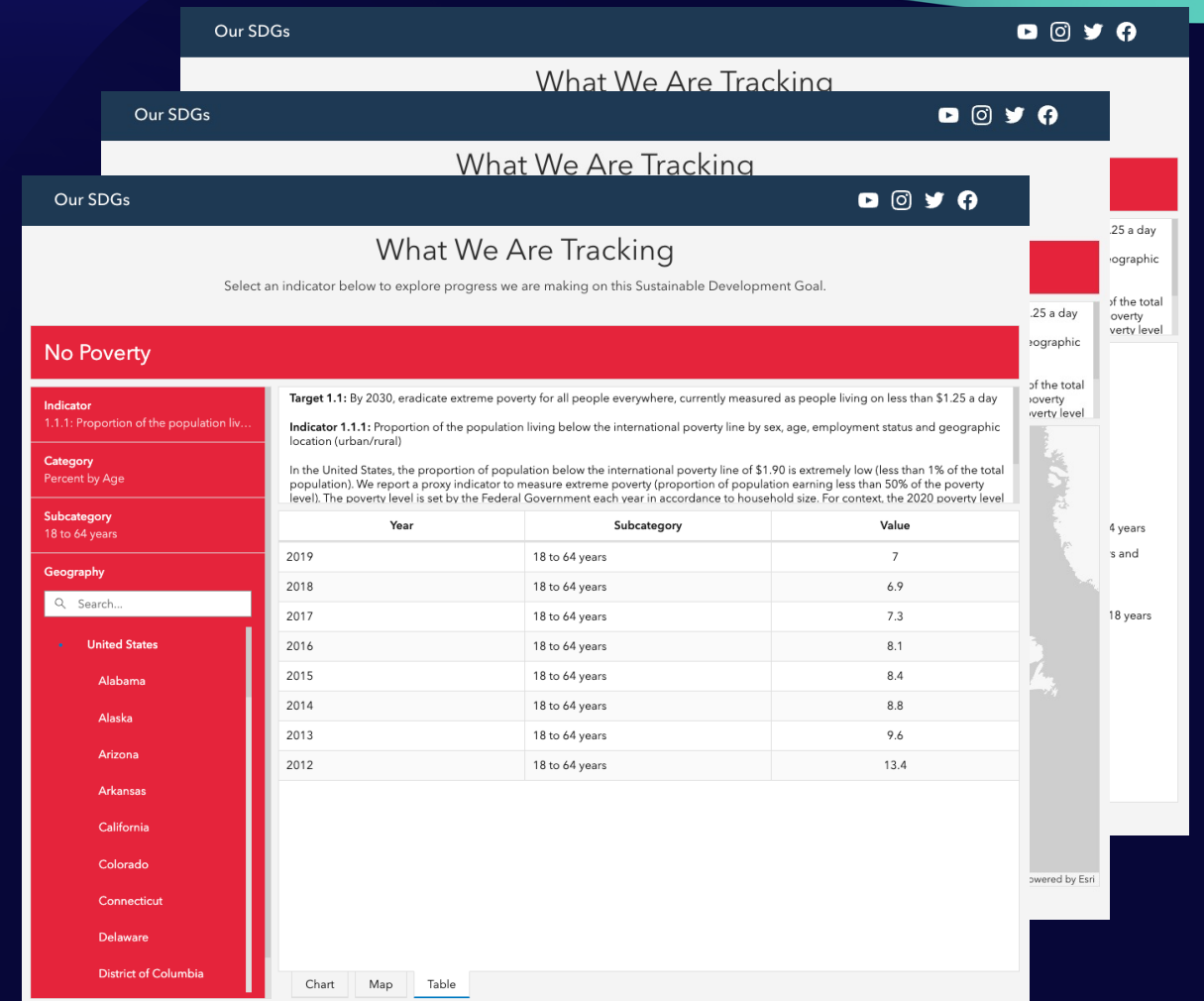
# ArcGIS Solution for SDGs

## KEY COMPONENTS

- Integrates Goal, Target, & Indicator ontology
- Thematic mapping preview
- SDG Indicator monitoring dashboard
- Community Engagement survey

## RELATED APPLICATIONS

- VNR StoryMap
- Scorecard-style dashboard
- Indicator-level status reporting



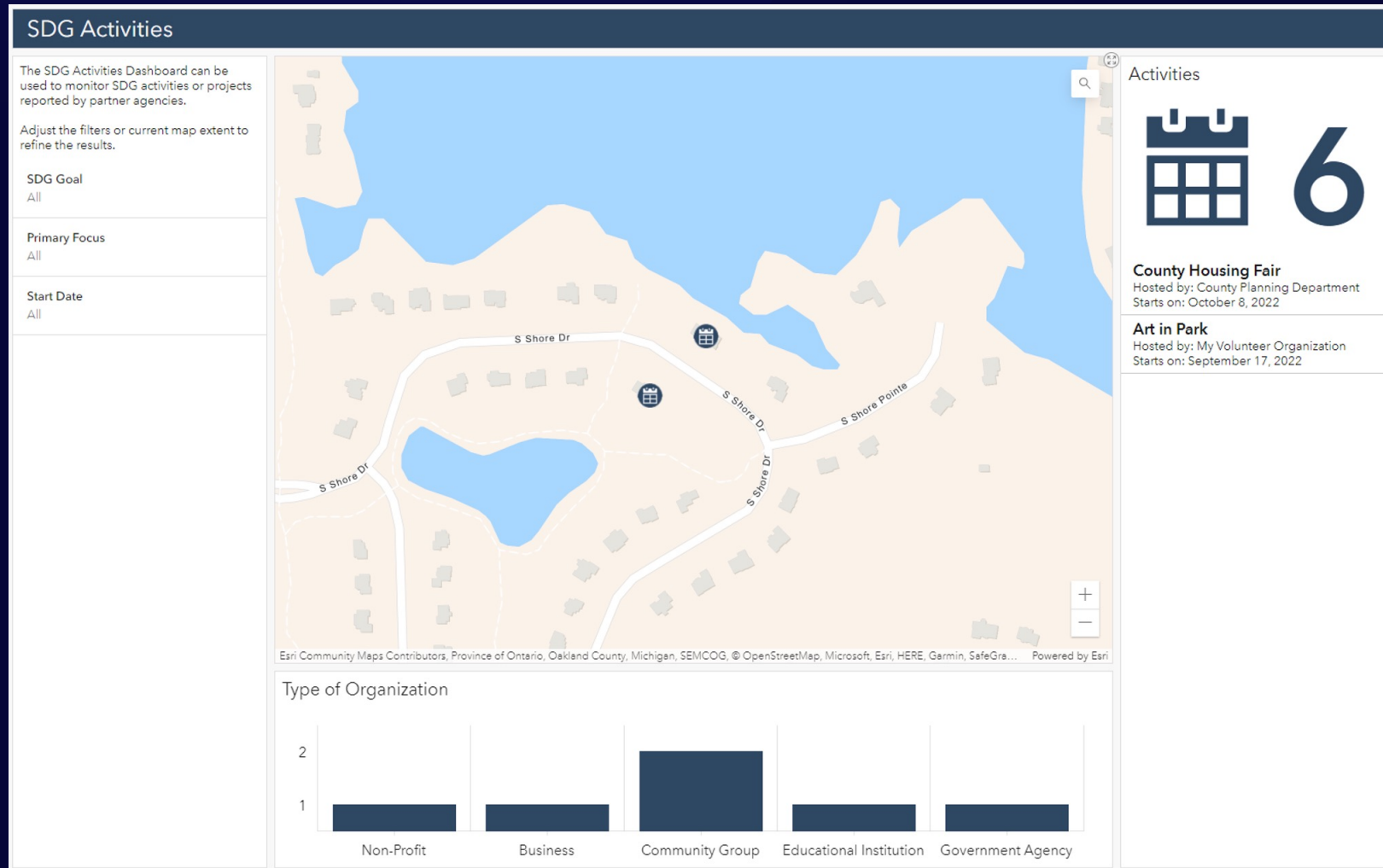
View the Solution on the [ArcGIS Solutions Gallery](#)

# Sustainable Development Goals

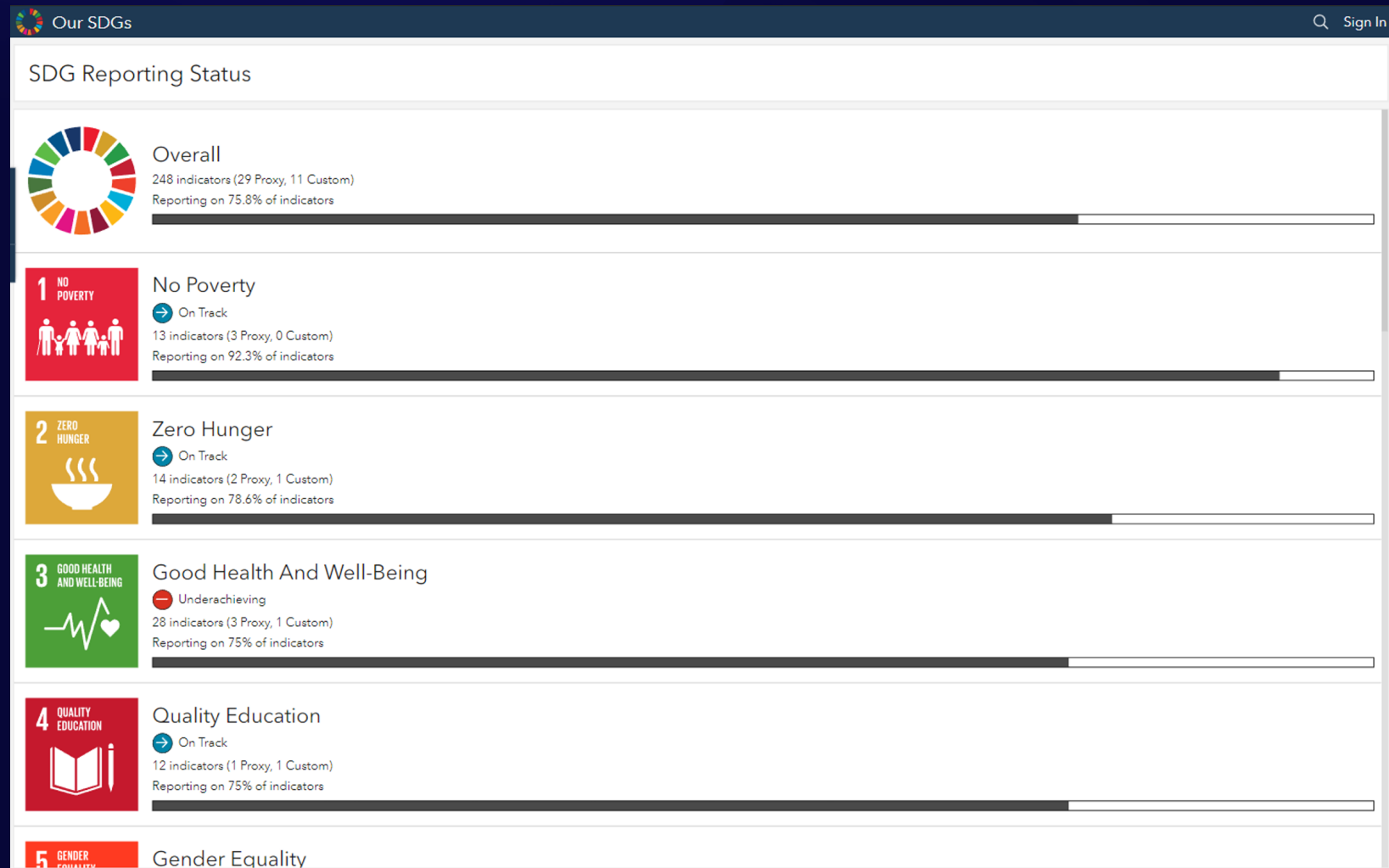
Focused Maps and Apps



# SDG Activity Dashboard



# SDG Reporting Status



# SDG Reporting



# Solution Requirements

- ArcGIS Software requirement: 1 ArcGIS Online Creator named user
- Basic knowledge of ArcGIS Online
- Basic knowledge of Microsoft Excel
- Basic knowledge of SDGs or related KPI frameworks

Learn more at...

<https://doc.arcgis.com/en/arcgis-solutions/latest/reference/introduction-to-sustainable-development-goals.htm>