We believe geography can make the world a better place
How do we use technology
The Goals

SDG HUB

Dashboards  Narratives  Open APIs  Applications
SDG Hub

No one left behind
Expanding Access and Simplifying Everything

Creating a System of Engagement

- Reporting & Dashboards
- Analytics
- Mapping and Visualization
- Data Integration
- Data Processing & Management

SDG Hub
System of Engagement Conceptual Architecture

Data Model
- Administrative Boundaries
- Enumeration Area Boundaries
- Transportation Network
- Rivers and Water Features
- Worker Locations
- Populations/Counts
- ...

Portal
Goal 03: Good Health and Well-being

By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.

3.3

11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums.

Average Fine Particle Matter (PM2.5) Concentration

20.9%

Average Public Outdoor Recreation Space

19.8 m²/capita
**Achieving Quality Education**

Each additional year of secondary schooling equates to a 15-20% increase in a girl's potential income. When 70% more girls go to school, a country’s GDP increases by an average of 3%.

**GENDER EQUALITY**

Goal: End all forms of violence against women and girls everywhere.

Goal: Promote all forms of education at all levels. Women and men, girls and boys, should have access to education at all levels including tertiary education.

Goal: End child marriages and support women and girls in making decisions about children's health, including contraception.

**2030**

ALL GIRLS COMPLETE PRIMARY AND SECONDARY EDUCATION

**Gender Parity in Education**

**WELL-BEING**

Goal: By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births.

Goal: By 2030, ensure universal access to sexual and reproductive health services including information and services to allow them to make choices about their health and children.

**Improving Literacy Rates**

In many parts of the world, especially Africa and the Middle East, women's literacy rates lag significantly behind men's. In Afghanistan, for instance, female literacy is nearing 28% lower than male literacy. Women will be overly burdened by the economic equality if they're unable to obtain education levels comparable to men.

**Secondary School Rates**

The ratio of boys to girls in school varies considerably from country to country. On the map at right, countries in red have an enrollment rate of over 80%. Blue indicates students in secondary schools. Countries with more girls than boys enrolled in secondary schools.

**Achieving Quality Education**
Take Action on the SDGs

Metadata API
An API to retrieve information and metadata on the Sustainable Development Goals

example
request
http://localhost:3000/goals?id=5&includeMetadata=true&includeIndicators=true

response
```json
{
  "data": [
    {
      "goal": 5,
      "title": "Achieve gender equality and empower all women and girls."
    },
    {
      "goal": 5,
      "title": "End all forms of discrimination against all women and girls everywhere."
    }
  ]
}
```
SDG Hub

No one left behind
When we try to pick out anything by itself, we find it hitched to everything else in the universe.

— John Muir
Thank you.

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