

**Management Instituut**  
**Grondregistratie en Landinformatie Systeem**

**Sustainable development goals**  
**Business Development**

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Locatie: Paramaribo - Hotel Torarica

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# Outline

- SDG's2030
  - Goals
  - Indicators
- Geospatial data to reach the SDGs
  - Benefits
  - Obstacles
- MI-Glis & SDG's2030
  - Solutions: NSDI



## The 2030 Global Agenda 17 Goals, 169 targets, and about 240 indicators

|  |   |
|--|---|
| GOAL 1 End poverty in all its forms everywhere   | GOAL 10 Reduced inequality within and among countries   |
| GOAL 2 Zero hunger; achieve food security and improved nutrition and promote sustainable agriculture                                 | GOAL 11 Sustainable cities and communities; make cities and human settlements inclusive, safe, resilient and sustainable  |
| GOAL 3 Good Health and well being; ensure healthy lives and promote well-being for all at all ages                                   | GOAL 12 Responsible consumption and production; sustainable consumption and production patterns   |
| GOAL 4 Quality education; ensure inclusive and equitable quality education and lifelong learning for all                             | GOAL 13 Climate action; combat climate change and its impacts   |
| GOAL 5 Gender equality and empower all women and girls   | GOAL 14 Life below water; conserved and sustainably use the oceans, seas and marine resources for sustainable development   |
| GOAL 6 Clean water and sanitation; availability and sustainable management of water and sanitation for all                           | GOAL 15 Life on land; protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and biodiversity loss |
| GOAL 7 Affordable and clean energy; access to affordable, reliable, sustainable and modern energy for all                            | GOAL 16 Peace, justice and strong institutions; peaceful, inclusive societies for sustainable development, access to justice for all and effective, accountable and inclusive institutions at all levels      |
| GOAL 8 Decent work and economic growth; sustained, inclusive economic growth, full and productive employment and decent work for all | GOAL 17 Partnerships for the goals; strengthen the means of implementation and revitalize the global partnership for sustainable development  |
| GOAL 9 Industry, innovation and infrastructure; resilient infrastructure, inclusive and sustainable industrialization and innovation |   |

# SUSTAINABLE DEVELOPMENT GOALS



[https://www.unec.org/fileadmin/DAM/hlm/wpla/sessions/10th\\_session/presentations\\_day1/keynote/2.Stig\\_Enemark.pdf](https://www.unec.org/fileadmin/DAM/hlm/wpla/sessions/10th_session/presentations_day1/keynote/2.Stig_Enemark.pdf)



- Integrated and indivisible
- balance the three dimensions of sustainable development (economic, social and environmental)

[https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap20/o1\\_Greg\\_Scott\\_UNRCC-AP%20Abstract%20GScott.pdf](https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap20/o1_Greg_Scott_UNRCC-AP%20Abstract%20GScott.pdf)



# Small Island Developing States (SIDS)

## Keypoints:

1. Agriculture and food security
2. Energy, incl. renewable energy and energy efficiency
3. Natural resources management (including fisheries management, oceans governance, water resources and biodiversity conservation)
4. Climate change and sea level rise
5. Waste management and chemicals management



“If we can understand more about the nature of “place” where things happen, and the impact on the people and assets on that location, we can plan better, manage risk better, and use our resources better.”

(Location Strategy for United Kingdom, 2008)



# Definition Geospatial Data

Geospatial data or spatial data, is information that has a geographic aspect (location, coordinates) to it. E.g.:

- An address
- A roadmap



- Monitoring and tracking SDGs
- Help reveal patterns and trends that may otherwise not be perceived
- Communication tool
- Decision making: understanding, predicting, planning, building and maintaining

*<https://www.geospatialworld.net/blogs/importance-geospatial-for-sdgs-geo4sdgs/>  
[https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap20/o1\\_Greg\\_Scott\\_UNRCC-AP%20Abstract%20GScott.pdf](https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap20/o1_Greg_Scott_UNRCC-AP%20Abstract%20GScott.pdf)*





# Challenges to using geospatial data

- Lack of awareness
- The lack of available quality geospatial data, especially in developing countries
- Lack of data sharing
- No national framework for data



MI-Glis: NSDI



Thank you!!

GLIS

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