Accelerating Implementation with the United Nations Integrated Geospatial Information Framework

James Norris
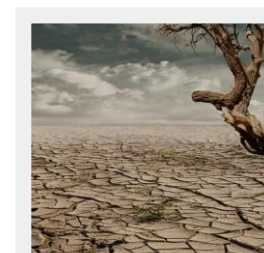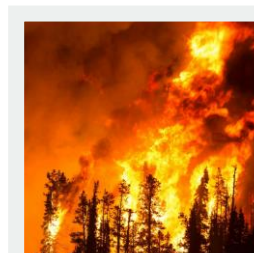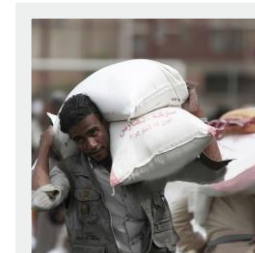
International Policy Lead, Ordnance Survey, United Kingdom
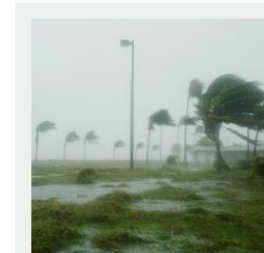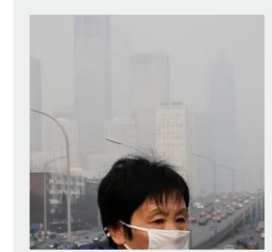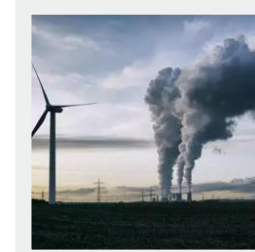
Chair UN-GGIM: Europe IGIF Working Group

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Our Global Challenges

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The 2030 Agenda for Sustainable Development

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The Need for Innovative Data Solutions

Relevant Data Sources

Population
Age/Gender
Race
Education
Owner/Renter
Income/Poverty
Employment
Health
Access to services
Weather
Business

Geospatial Data

Addresses
Buildings and Settlements
Elevation and Depth
Functional Areas
Geographical Names
Geology/Soils/Water
Global Geodetic Reference Frame
Land Cover and Land Use/Land Parcels
Physical Infrastructure
Population Distribution
Orthoimagery
Transport Networks

Geospatial Data Tools

Critical Analysis
Powerful Visualizations
Maps
Charts
Graphics
Tables
Dashboards
Viewers

The Integrated Geospatial Information Framework
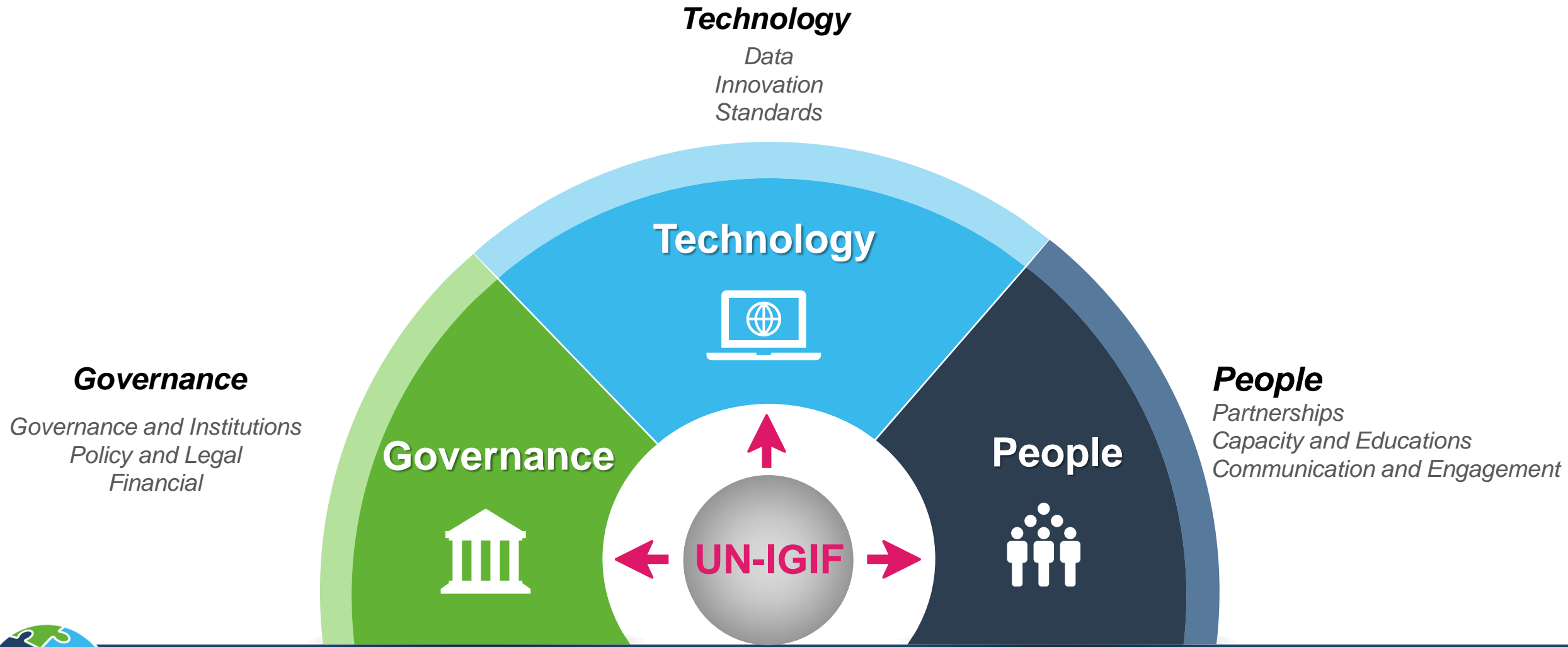
Technology

Data
Innovation
Standards

Technology

Governance

Governance and Institutions
Policy and Legal
Financial

Governance

People

Partnerships
Capacity and Educations
Communication and Engagement

People

UN-IGIF

UN-IGIF Adoption

Explosive Growth

Since its launch in 2018, the UN-IGIF has become widely accepted as the gold standard framework for helping Member States to integrate diverse data sources and establish the national geospatial information management and infrastructure to support sustainable social, economic, and environmental development

Member States — Many Member States are now advancing UN-IGIF on their own.

Other Collaborations — Some Member States are collaborating with regional groups and other partners.

SDG Data Alliance — The SDG Data Alliance is working with 15 Member States to advance the UN-IGIF.

World Bank Support — The World Bank has helped over 21 Member States to advance the UN-IGIF.

UN Development Account — A UN Development Account supported the advancement of UN-IGIF in 6 Member States.

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UN-IGIF Benefits all Sectors

- Urban Planning
- Land Administration
- Disaster Management
- Energy
- Environment
- Technology
- Marine/Water

- Emergency Response
- Public Health
- Agriculture
- Government Administration
- National Security
- Industry
- Transportation

Progress Advancing the UN-IGIF

ACCOMPLISHMENTS

1 — Improve Communication

❖ Developed Case Study Template and first case study on Sustainable Palm Oil Production in Indonesia.
❖ Developing new case studies and communication materials.
❖ Shared UN-IGIF at regional/global events, workshops, and meetings – encouraging collaboration and engagement.

3 — Strengthen Capacity Development

❖ Published UN approach to advance UN-IGIF.
❖ Overarching Strategy, Solving the Puzzle Chapters updated.
❖ UN-IGIF documents being translated into 7 languages.
❖ Global UN-IGIF Survey implemented to determine where/how UN-IGIF is utilized.
❖ Regional capacity development workshops.

4 — Mobilize Sustainable Funding

❖ Completed a review of Sustainable Funding literature.
❖ Completed focused global consultations with treasury ministers, geospatial contacts, donors, and the World Bank.
❖ Developed GeoVSI online tool to help justify investment in UN-IGIF.
❖ Developed Sustainable Funding Guide.

IMPACTS

Strong regional and global collaboration and engagement on UN-IGIF.
UN-IGIF featured strongly at regional events, workshops, meetings.

Increasing number of partners engaging on capacity building and training.
Increasing numbers of Member States advancing the UN-IGIF.

Greater recognition of the UN-IGIF value proposition.
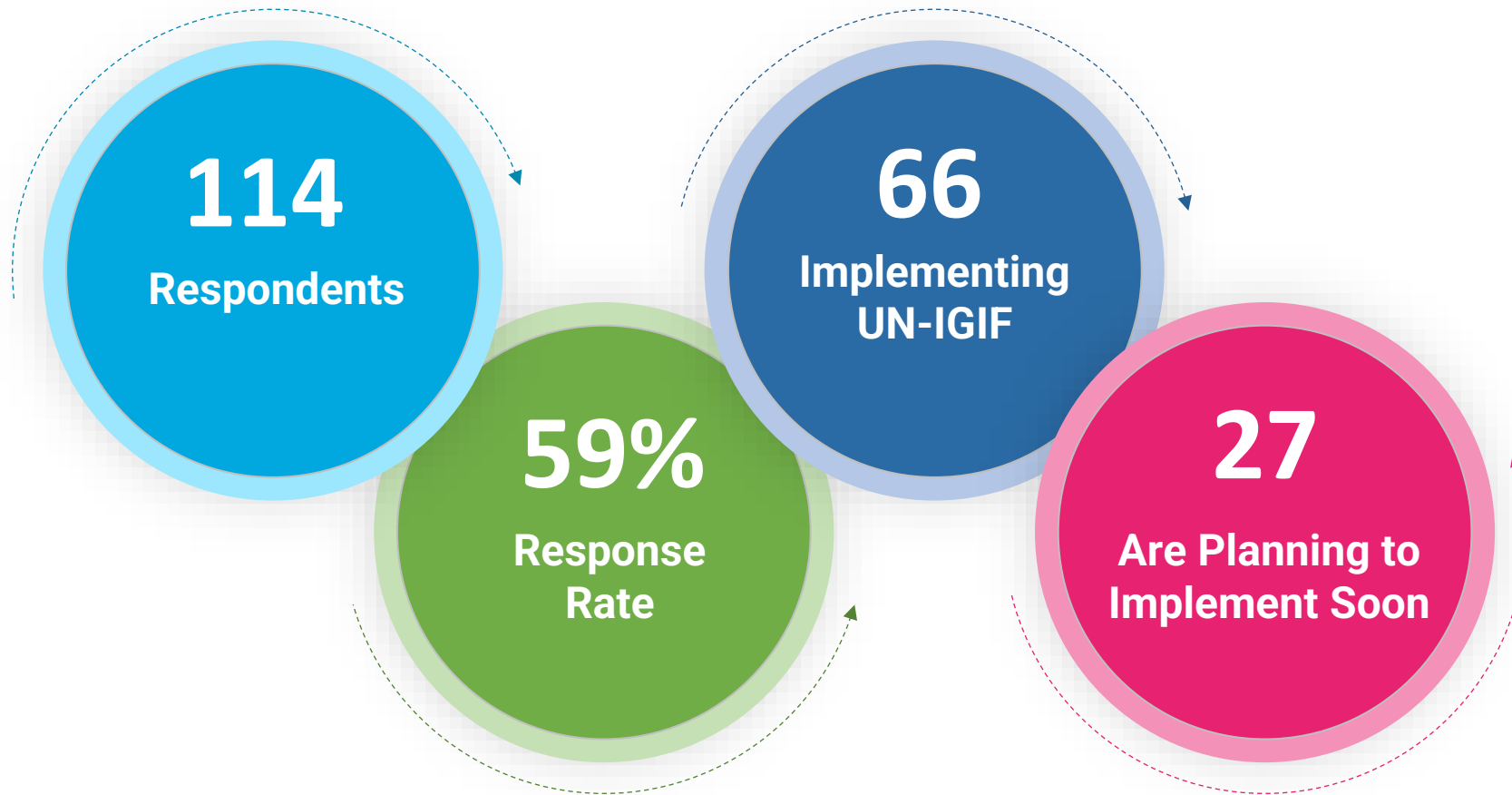Improved ability to justify investment in the UN-IGIF.

Progress Advancing the UN-IGIF
UN-IGIF Global Survey Results

114 Respondents

59% Response Rate

66 Implementing UN-IGIF

27 Are Planning to Implement Soon

Progress Advancing the UN-IGIF
Widespread Engagement

National Engagements
- ✓ National Conferences
- ✓ National Summits
- ✓ Member State Workshops

Regional Engagements
- ✓ Regional Plenary Meetings
- ✓ Joint Regional Committee/Regional Commission Meetings
- ✓ Regional SDG Data Alliance Sessions
- ✓ Regional UN-IGIF Workshops

Global Engagements
- ✓ UN-GGIM
- ✓ UNSD
- ✓ Geospatial World
- ✓ International Federation of Surveyors (FIG)
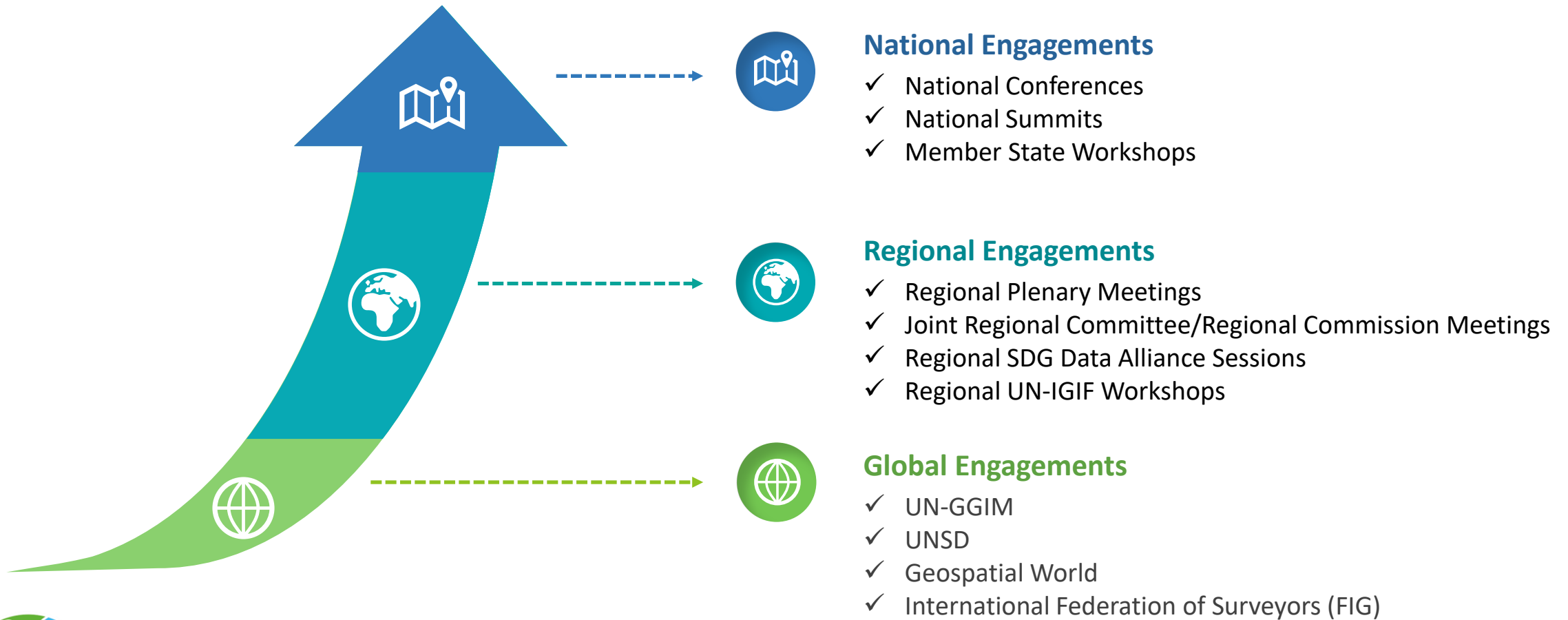
Progress Advancing the UN-IGIF
Member State Implementations

Total
Total Member States using or advancing the UN-IGIF

66 +

SDG Data Alliance
SDG Data Alliance provides support for 15 countries to implement UN-IGIF/SDG Data Hubs

15

World Bank
WB process, tools, and online training assist an additional 16 countries to advance UN-IGIF

21

Development Account
Six countries begin advancing the UN-IGIF with UN-GGIM Secretariat support

6

First Member State
In 2018 Guyana begins advancing the UN-IGIF

1

2018

2018

2018

2021

2023

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Progress Advancing the UN-IGIF
Partnerships

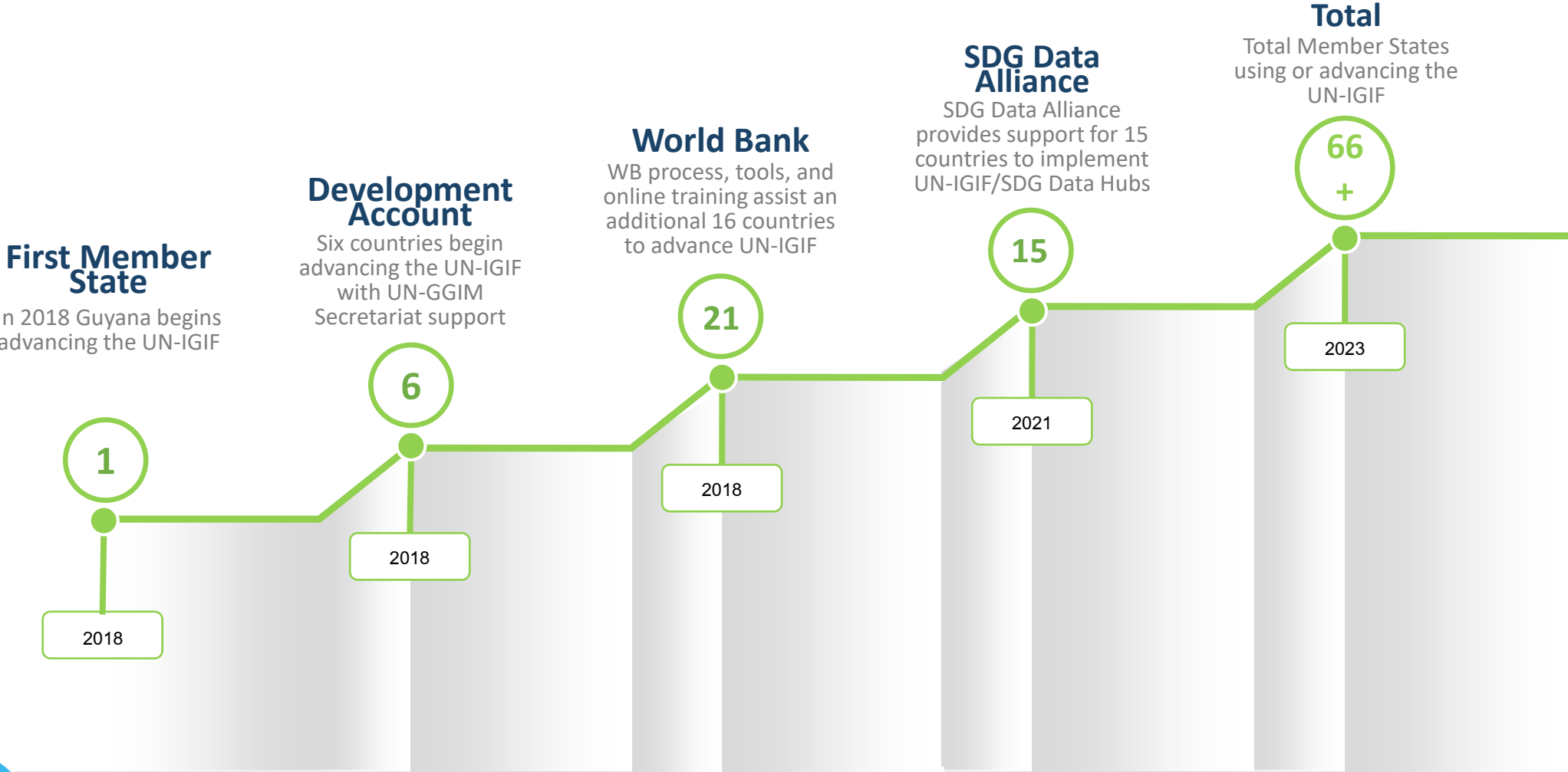### United Nations

- Regional Committees
- Regional UN-IGIF Work Groups
- Regional Commissions
- Other Functional Groups
- Thematic Networks
- Other UN Organizations
- Centers of Excellence

Other Partners

- Member States
- SDG Data Alliance
- World Bank
- Regional Organizations

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Thank You!