

Expert Consultation and Meeting on Enhancing Geospatial Information Management Arrangements and Accelerating Implementation of the Sustainable Development Goals, and the Sub-regional Workshop on the United Nations Integrated Geospatial Information Framework (UN-IGIF) for Central Asia, South Asia, and neighboring countries

Implementing geospatial strategies: challenges and opportunities

Astana, Kazakhstan
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Enhancing Geospatial Information Management arrangements Accelerating the Implementation of the SDGs

Sub-regional Workshop on UN-IGIF for the Central Asia, South Asia and Neighboring Countries

UN Leaders on Geospatial

“Geospatial information can bridge gaps, provide a clearer picture of where and how we can do better, and deliver deeper insights and smarter decisions.”

— António Guterres, Secretary-General of the United Nations

“Geospatial information will play a vital role in filling the gaps.”

— Li Junhua, Under-Secretary-General for Economic and Social Affairs

“The UN Biodiversity Lab will provide decision-makers with access to over 400 spatial data layers... helping them identify new opportunities to act.”

— Achim Steiner, Administrator, United Nations Development Programme

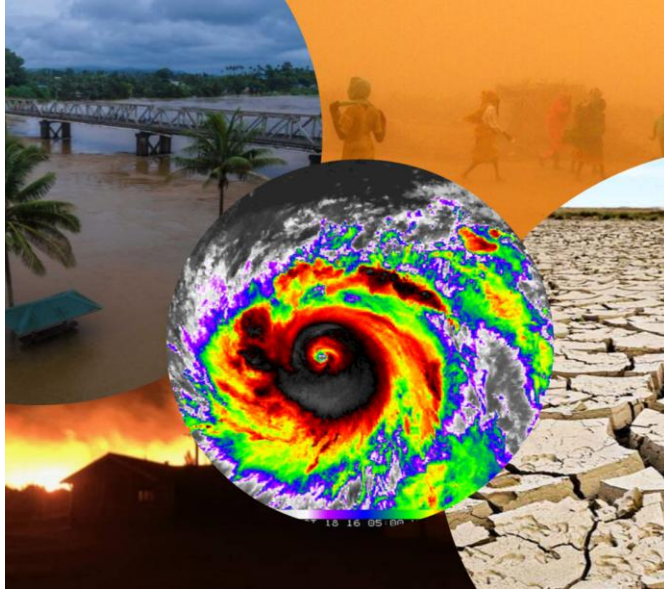


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“Everything happens somewhere...”

Nancy Tosta, June 2001



Everything that happens...happens somewhere.

We can locate, view, record, collect, measure, analyze, model and monitor what happens where, when, why, and how

We can do this more today than ever before....which is far less than what we will be able to do tomorrow.



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Why 'integrated' geospatial matters?

The Data Value Chain:

Data >

Information >

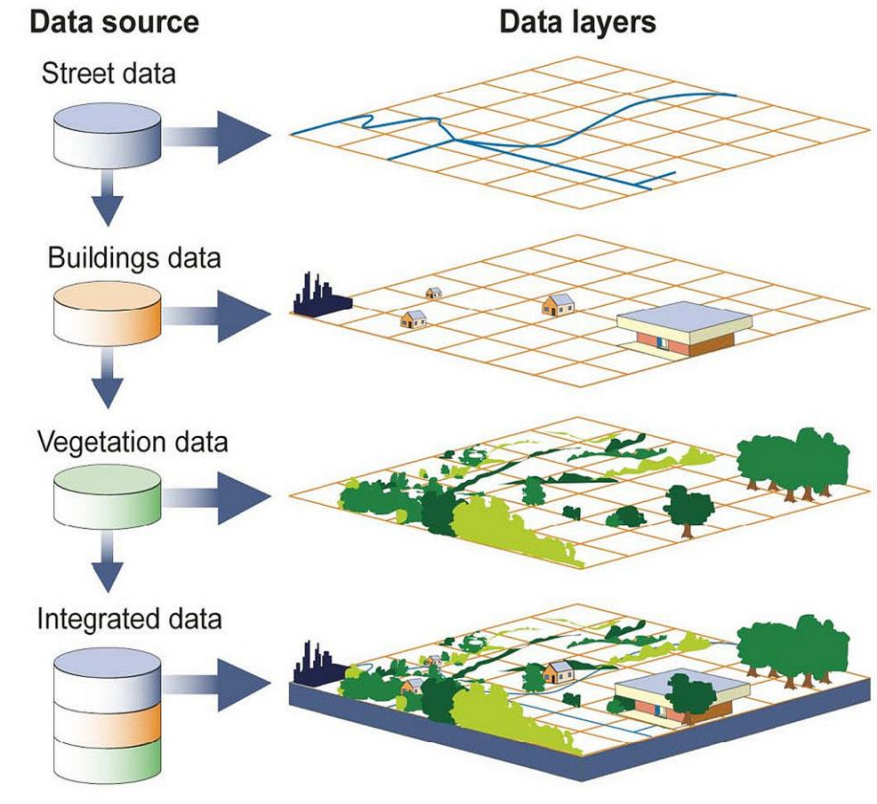
Knowledge >

Insights >

Decisions >

Action >

Impact



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Benefits of geospatial information

Turning 'where' into better decisions and outcomes



Smarter public services

target investments and plan infrastructure



Risk & resilience

map hazards and strengthen preparedness



Economic productivity

optimize transport, agriculture and utilities



Health & inclusion

improve access to clinics and schools



Private-sector value

enable logistics, analytics and fraud detection



Good governance

increase transparency and track SDG progress



**DIGITAL
& SPACE**
MINISTRY

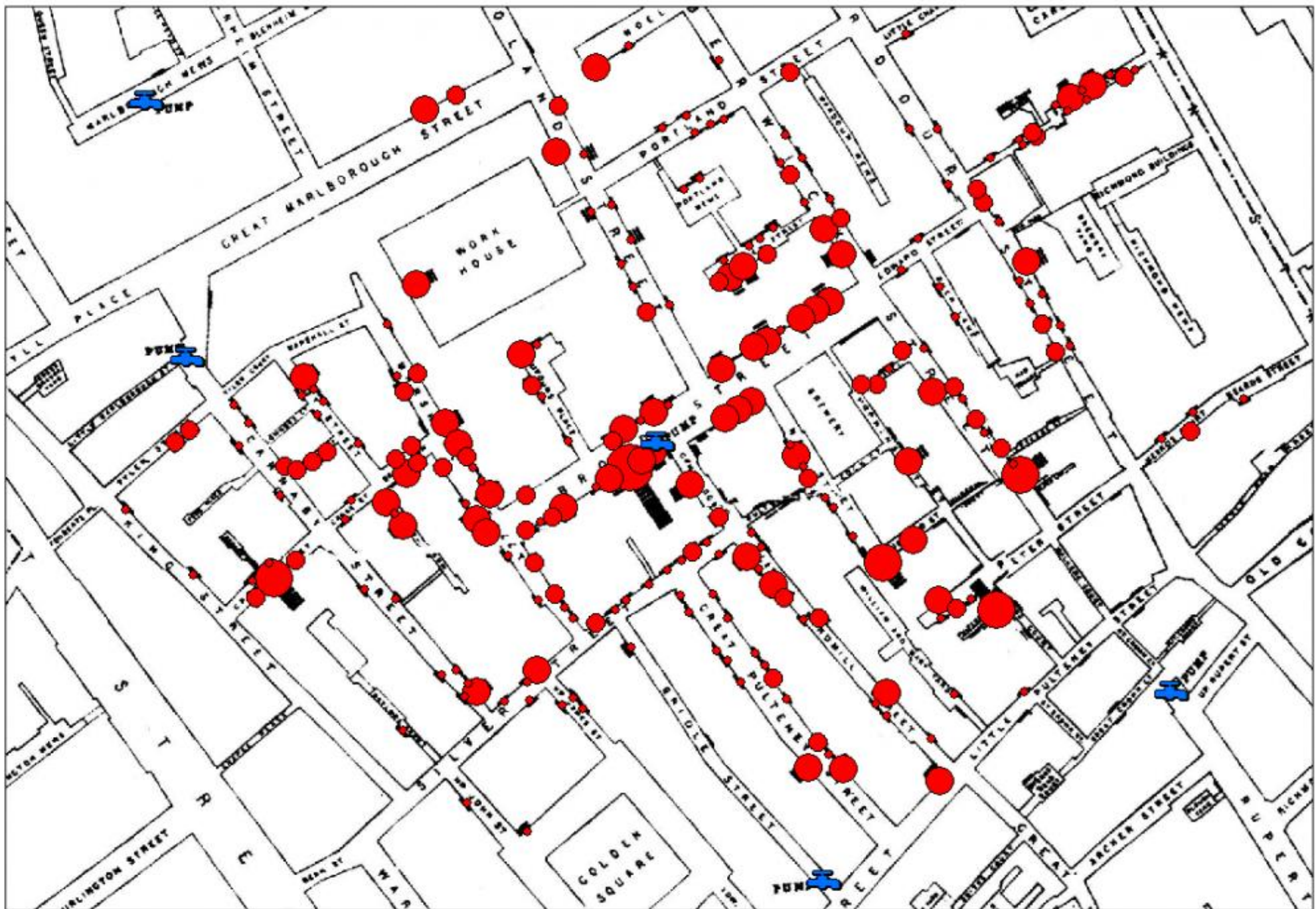
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Geospatial information connects the global SDGs with local implementation



1. The Sustainable Development Goals (SDGs) are inclusive, universal, transformative, and integrated. They capture every element of humanity's social, economic, and environmental development.
2. Geospatial information is also inclusive, universal, transformative, and integrated. Geospatial data and technologies anchor 'location' to everything we do. They tell us **what** is happening **where**, **when**, **why** and **how**.



Five priority areas of **Awaza Programme of Action for LLDCs** for the Decade 2024–2034:

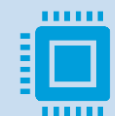
(1) structural economic transformation



(2) Trade and regional integration



(3) Transport and infrastructure



(5) mobilizing finance and partnerships

(4) climate change adaptation and disaster risk reduction

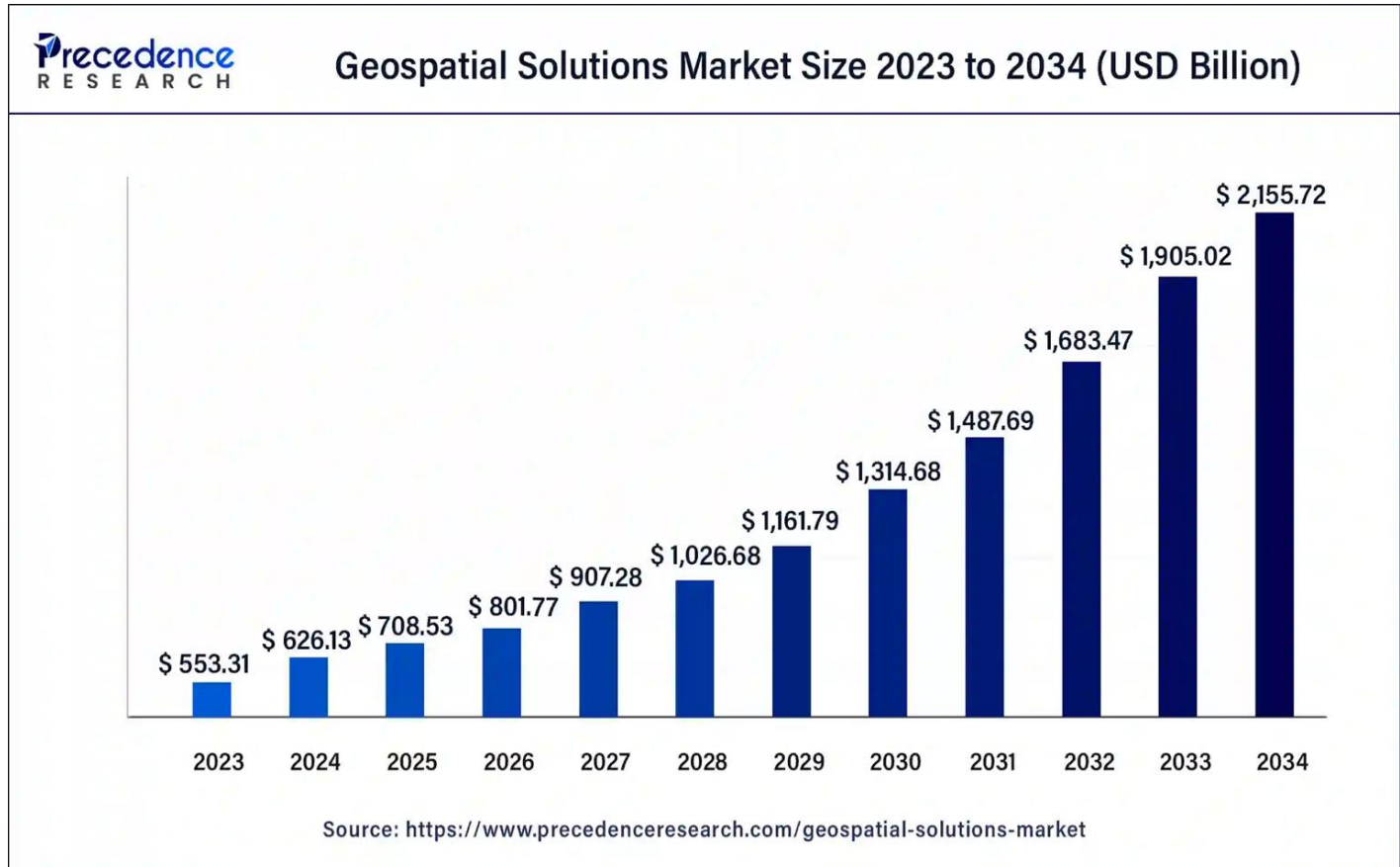


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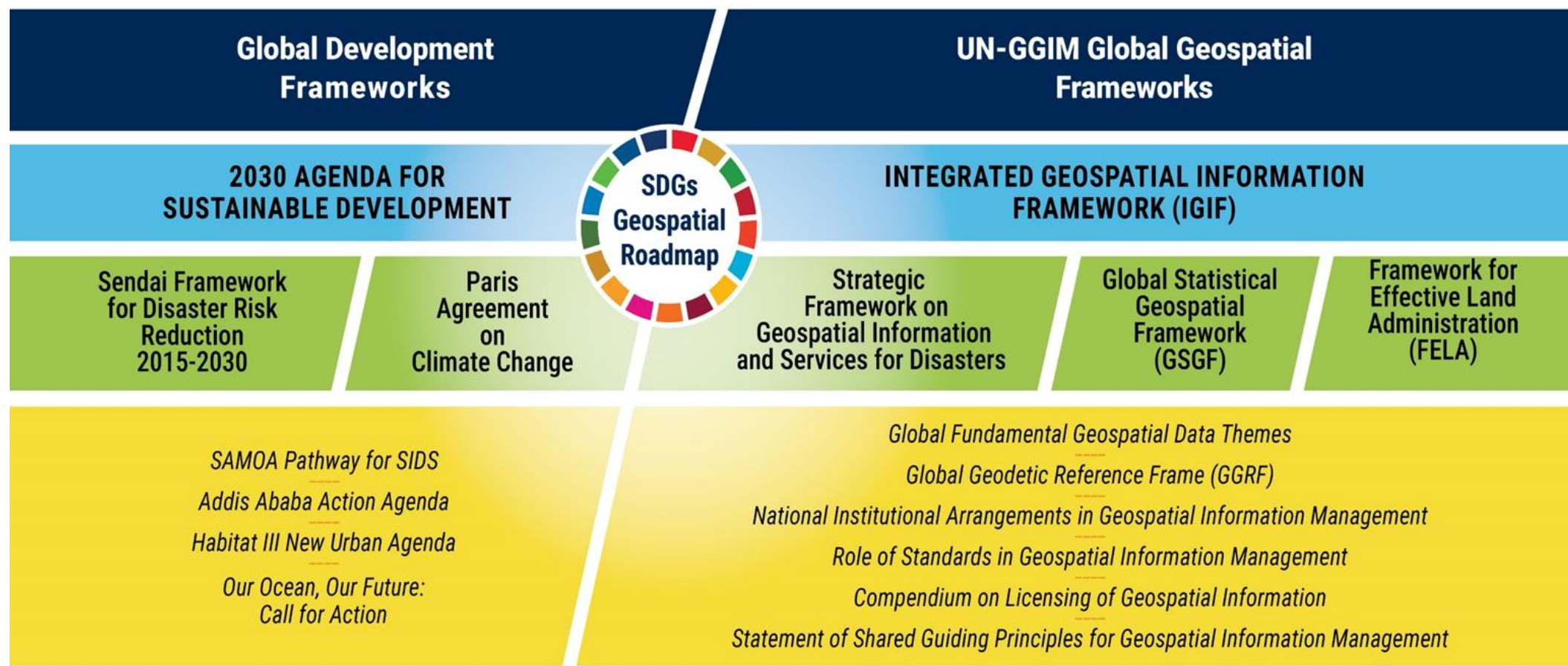
What is the value of geospatial information to the global economy?

With an estimated global market size of **US\$708 billion in 2025**, geospatial solutions will triple, reaching **USD\$2.15 trillion by 2034**.



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UN-GGIM

United Nations Committee of Experts on Global Geospatial Information Management



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MINISTRY**

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9 Strategic Pathways

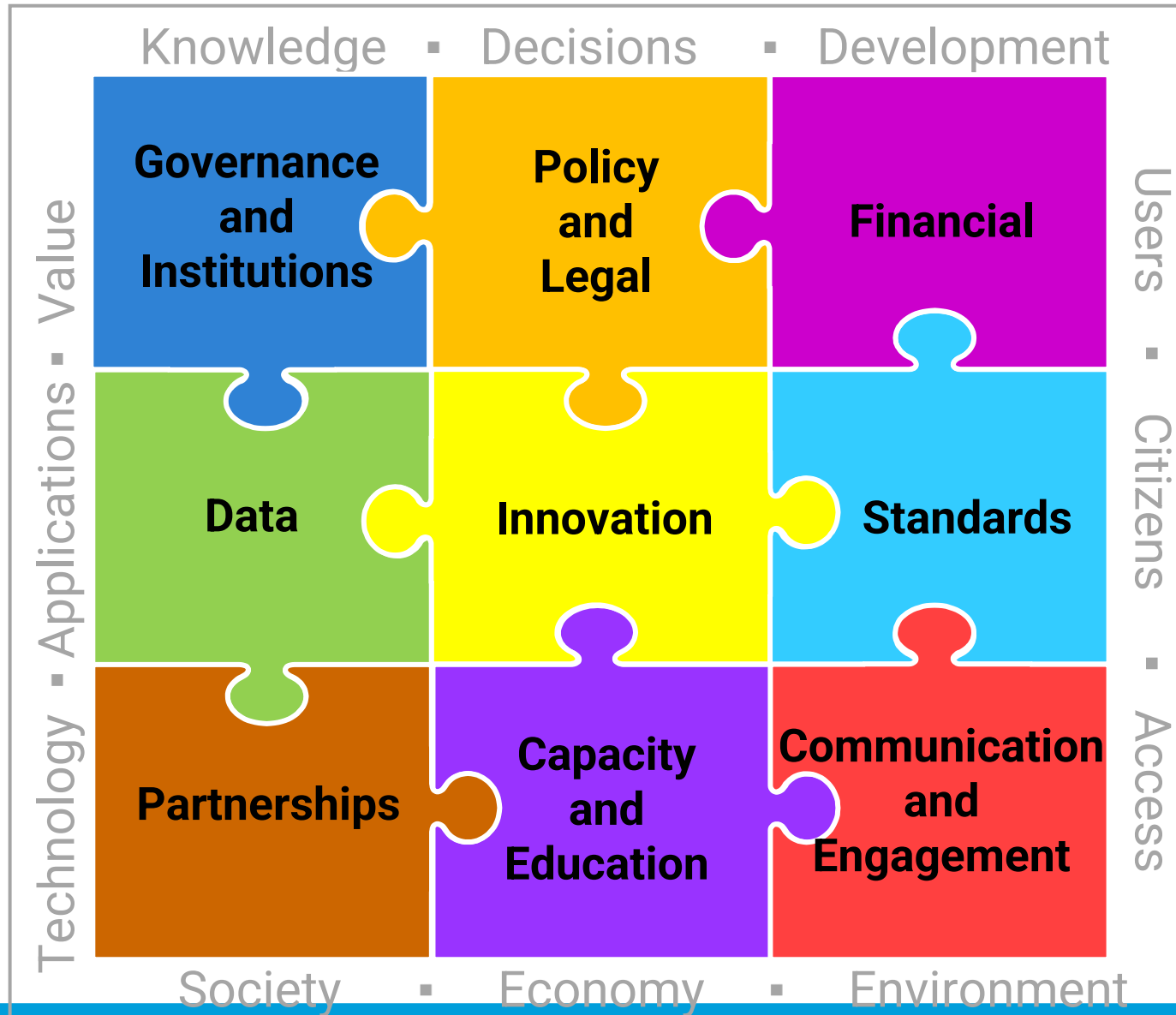
Governance →



Technology →



People →



Anchored by 9 Strategic Pathways, the IGIF is a mechanism for articulating and demonstrating national leadership in geospatial information, and the capacity to take positive steps. The Strategic Pathways 'implement' the IGIF through actions.



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Objectives of the event



Sharing Experiences and Challenges



Strengthening Geospatial Capacity and Partnerships



Advancing the implementation of the UN-IGIF and supporting National Action Plans



Fostering Multi-Stakeholder Cooperation



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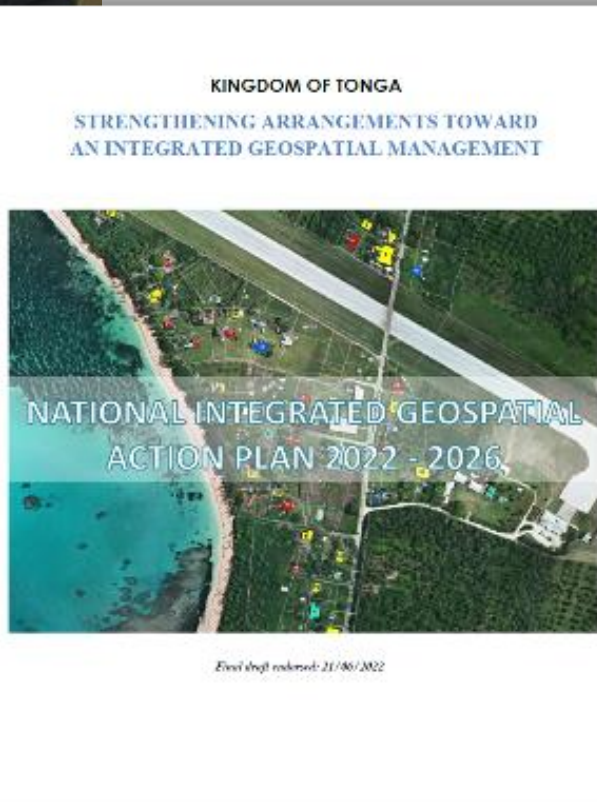


“Today is a digital era; **geospatial information** is a digital fuel for government and services. Data from many sources. We need to **act with knowledge and evidence.**”

Hon. Samiu Vaipulu
Deputy Prime Minister
Kingdom of Tonga
September 2023

Country-level Action Plan Kingdom of Tonga

 Tonga (2023) English



“The implementation of this **Action Plan** will provide Tonga with a truly **national** collaborative approach to improving the management and **use of this valuable digital asset**. Strengthen government at all levels and strengthen industry.”



Management arrangements Accelerating the Implementation
Sub-regional Workshop on UN-IGIF for the Central Asia, South Asia and Neighboring Countries

THANK YOU



Fifteenth Session
of the
United Nations
Committee of
Experts on Global
Geospatial
Information
Management
6 – 8 August 2025
UNHQ, New York

SUSTAINABLE
DEVELOPMENT GOALS



UN-IGIF
INTEGRATED GEOSPATIAL
INFORMATION FRAMEWORK



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