Strategic Planning and
Working Programme of UNGGKIC 2024~2025
联合国全球地理信息知识与创新中心
战略规划及工作计划（2024至2025）

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1.1 Construction Progress 建设历程

- The first UN World Geospatial Information Congress(UNWGIC)
- Moganshan Declaration
- Global Geospatial Knowledge and Innovation Centre.

- UN75 GA
- President Xi Jinping announced that China would set up a UNGGKIC
- assistances to global sustainable development.

- The United Nations Global Geospatial Knowledge and Innovation Centre was officially launched
- HCA and MoU.

- International Symposium on the Future Geospatial Information Ecosystem

- The United Nations Global Geospatial Knowledge and Innovation Centre Director on duty
- Substantive work has been fully commenced

- 2024 Meeting of International Advices Committee
- 2024 Meeting of Steering Committee

| Nov. 2018 | Sept. 2020 | May 2022 | April 2023 | Oct. 2023 | April 2024 |

- 首届联合国世界地理信息大会
- 《莫干山宣言》
- 全球地理信息知识与创新中心

- UN 75 习近平主席宣布中国将设立联合国全球地理信息知识与创新中心为全球可持续发展提供新助力

- 联合国全球地理信息知识与创新中心正式签约成立
- 东道国协议
- 合作备忘录

- 未来地信生态系统国际研讨会

- 联合国全球地理信息息知识与创新中心主任到岗
- 实质性工作全面启动

- 国际咨询委员会2024会议
- 国际指导委员会2024会议

Article 3

Framework Plan

3.1 ECOSOC resolution 2016/27, the 2030 Agenda and its Sustainable Development Goals (SDGs), the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM), as well as the Moganshan Declaration of the first United Nations World Geospatial Information Congress, entail commitments by governments and by the United Nations system and partners towards improving and strengthening international cooperation in the area of economic and social affairs. In this regard and in particular, the growth of geospatial information management capacities and enhancing the data ecosystem, to meet the needs of national development priorities and implementations of the SDGs with new and innovative sources of data and enabling technologies, have been recognized as key areas to be improved and strengthened. This includes through the use of policies, programmes, development projects, institutions, and participatory planning and implementation processes.

3.2 The Centre's overarching goal is to work towards the ambitions of implementation of the Integrated Geospatial Information Framework[1] set by Member States, to develop capacity, promote and support the required innovation, leadership, coordination and standards to develop, strengthen, integrate and deliver national geospatial information policy, data, systems, tools, services and capabilities into their national government development policies, strategies and arrangements.

3.3 The objective is to strengthen and advance the geospatial information management capacity development capabilities of Member States, especially developing countries, to strengthen knowledge sharing and innovative cooperation of Member States, by establishing and operating a United Nations Global Geospatial Knowledge and Innovation Centre, to advance implementation of a core function of UN-GGIM, namely mobilizing, catalyzing and facilitating access to global financial, technical and scientific resources needed to promote, monitor and assess the implementation of national geospatial information management general principles, frameworks, guides, standards and methods, promoting applications of geospatial information in other fields.

3.4 The Centre's priority is to initially focus on:

Technical assistance and capacity building

- Provide technical assistance and capacity building for national SDG monitoring and reporting and allowing greater availability and visibility of country data at sub-national, national, regional and global levels.
- Develop and disseminate methodological guidance and tools for countries to collect, manage and communicate policy-relevant, actionable SDG data and information in an integrated, standardized and consistent manner.

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[1] The Integrated Geospatial Information Framework (IGIF) was adopted by UN-GGIM at its eighth session in August 2018. http://ggim.un.org/meetings/GGIM-committee/8th-Session/documents/Part%201-IGIF-Overarching-Strategic-Framework-24July2018.pdf

- Leverage China's technical expertise, capabilities, technologies and experiences to assist developing countries in the region and globally to develop their own capacity and capabilities in geospatial information to support sustainable development.
- Become a leading establishment for capacity development and strengthening the capabilities of countries to develop effective strategies and policies in geospatial information and management in the implementation of the SDGs, including with appropriate enabling tools and technologies.

Knowledge centre

- Build upon, scale, resource and implement the research exercise initiated by Statistics Division, DESA and related organizations to develop a global network of interoperable and Member Country-led SDG data hubs, a Federated Information System for the SDGs (FIS4SDGs).
- Foster communities of practice for exploring and sharing information and transferring capacities and specialized knowledge through training and materials.
- Link and promote collaborative modalities of actions within the global UN-GGIM community through the Integrated Geospatial Information Framework, its Implementation Guide, and Country-level Action Plans.

Innovation and technology hub

- Leverage enabling technologies towards the implementation of a system-of-systems approach to assist countries in monitoring and reporting on the SDGs within reliable, secure and scalable platforms.
- Establish links with appropriate research institutes, think tanks, the UN-GGIM Academic Network and Private Sector Network, and other Centre's of Excellence to be established in order to advance the critical role of geospatial information in global development, and convene international fora, symposia and seminars.
- Develop specific innovation projects on selected topics and countries to implement new concepts and methods in geospatial information for the SDGs, including in the disaggregation of data by geographic location – integrating geography and statistics.

3.5 The Centre will act as an office of DESA to jointly promote works of global geospatial information management together with the Statistics Division of DESA. The Statistics Division of DESA, as the Secretariat of UN-GGIM, led by its Director, shall be responsible for substantive guidance and supervision of the Centre on behalf of the USG of DESA. The Centre will be administratively supported by CDPMO.

3.6 This Framework Plan will be implemented with the assistance of the Government and the United Nations.

3.7 To ensure synergies and coordination with related activities implemented by other International Organizations, the United Nations will work closely with other key elements of the global UN-GGIM architecture, including its regional committees and thematic networks.

3.1 Rational
3.2 Goal
3.3 Objective
3.4 Priorities
  ① *Technical assistance and capacity building*
    a. **Assistance on SDG and data use**
    b. **Guide on SDG data**
    c. **Chinese help on technology**
    d. **Leader institute in SDG**
  ② *Knowledge Centre*
    a. **SDG Data Hub**
    b. **Training Materials**
    c. **Link to UN IGIF**
  ③ *Innovation and technology hub*
    a. **SDG Platform**
    b. **Link to UN GGIM**
    c. **New concept in GI for SDGs**
**3.5 Supervisions**
3.6 Implementation
3.7 Synergies and coordination

1.3 Strategic priorities 战略优先

The Centre is committed to fostering knowledge, innovation, and leadership in the field of geospatial information management.
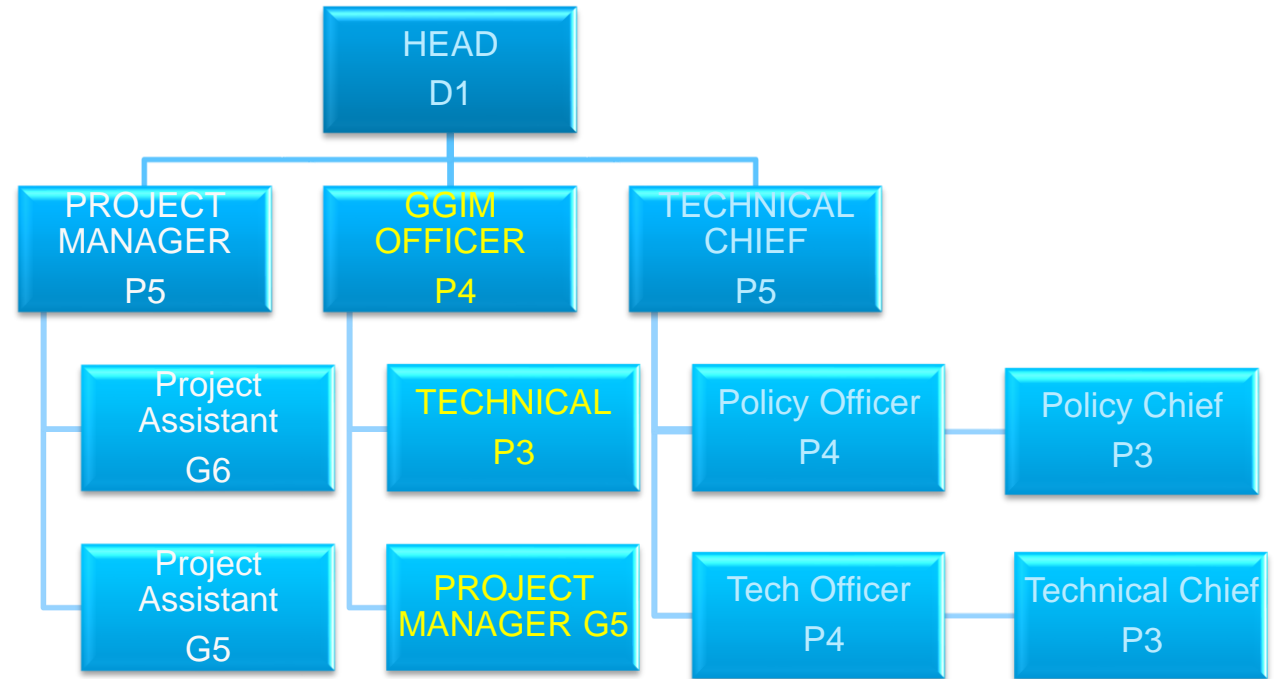
中心将致力于加强再地理空间信息管理方面的知识、创新和领导力。

Technical Assistance and Capacity Building技术援助和能力建设

SDGs
SDG指标

Innovation and Technology Hub地理空间知识技术创新

Knowledge Centre地理空间知识协作能力建设
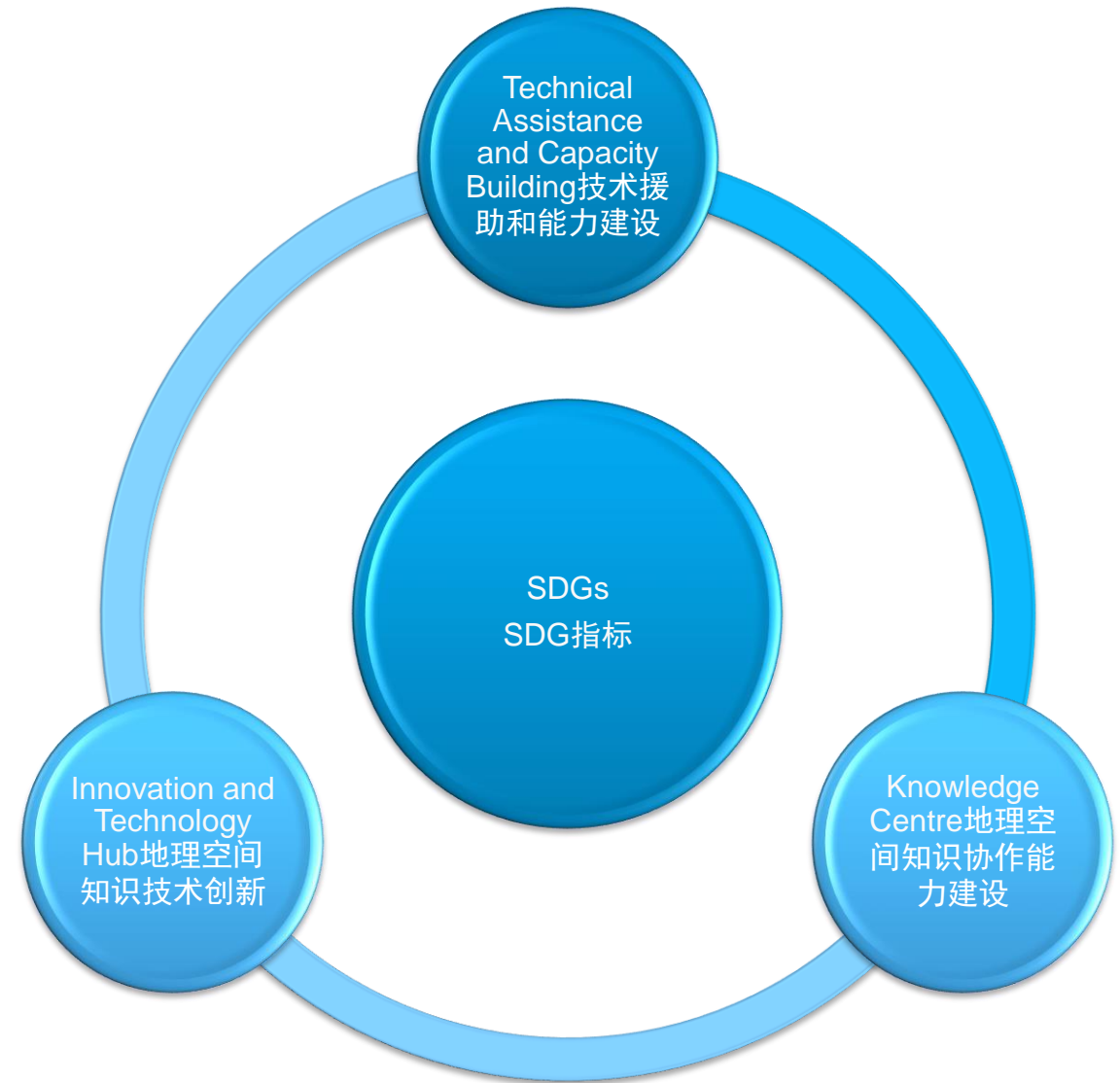
1.4 Personnel Recruitment 工作人员

- **International staff   9+3**
- **Local staff   5~8**
- **Secondments   3~5**
- **Consultants   5~8**
- **Interns   5~8**
- **Volunteers   5~8**

这支团队将包括来自不同背景的国际公务员、临时借调人员及实习生,致力于打造一支充满活力、高效协作、并专注于创新和可持续发展目标的工作队伍。

HEAD
D1

PROJECT MANAGER
P5

GGIM OFFICER
P4

TECHNICAL CHIEF
P5

Project Assistant
G6

TECHNICAL
P3

Policy Officer
P4

Policy Chief
P3

Project Assistant
G5

PROJECT MANAGER G5

Tech Officer
P4

Technical Chief
P3

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Motto：Geospatial IDEAS Benefiting Our World！
宗旨：地球空间思维造福我们的世界！

Overarching Goal：the ambitions of implementation of the United Nations Intergrated Geospatial Information Framework (UN-IGIF) set by Member States, and for countries to develop capacity and capabilities into national government development policies, strategies and arrangements.

总目标： 促进各成员国紧扣政府政策战略和决策提升能力，共推联合国综合地理空间信息框架建设实现的雄心!

Vision（愿景）: Geospatial knowledge as national priority capability enables all countries knowing how to accelerate sustainable development goals in senses of where and when.

Mission（使命）: Adoption of geospatial information capabilities and implementation of the UN-IGIF supports national development priorities and the SDGs, with the ability to integrate and deliver national geospatial information policy, systems and services into national government development policies, strategies, and arrangements.
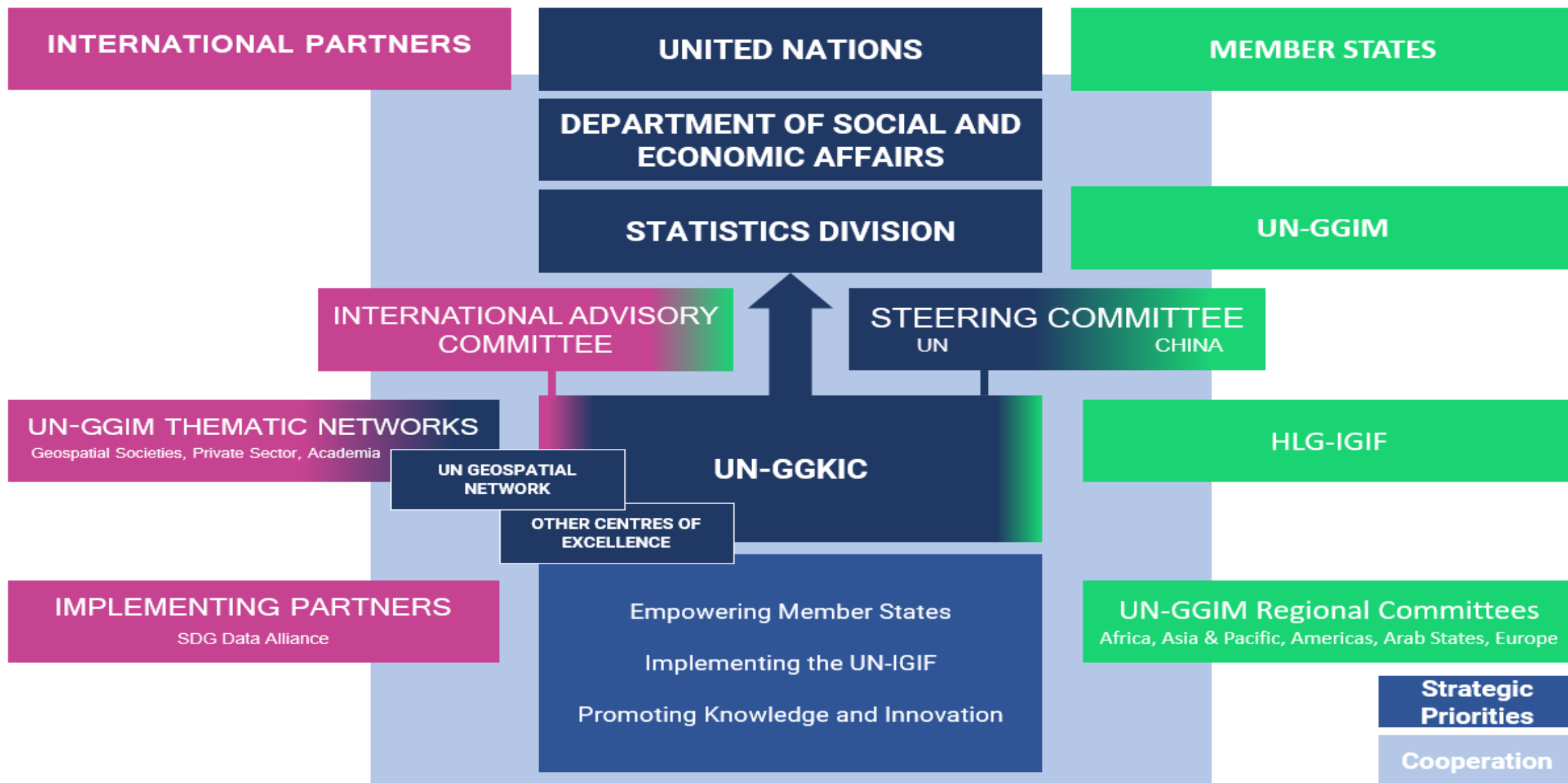
2.3 Principles IDEAS 五条原则

Innovation: Striving for positive impact in countries through the promotion and use of innovative geospatial solutions.

Digital inclusivity: Committing to bridging the digital divide, ensuring equal access to geospatial data, information and technologies.

Equity: Upholding fairness in our capacity development efforts, promoting equal opportunities for all Member States.

Accessibility: Believing in the power of data, technology, and knowledge, and striving to make these resources accessible to all.

Stakeholder engagement: Valuing local to global partnerships and collaboration, engaging stakeholders at all levels to achieve our shared goals.

2. 4 Framework 框架与目标
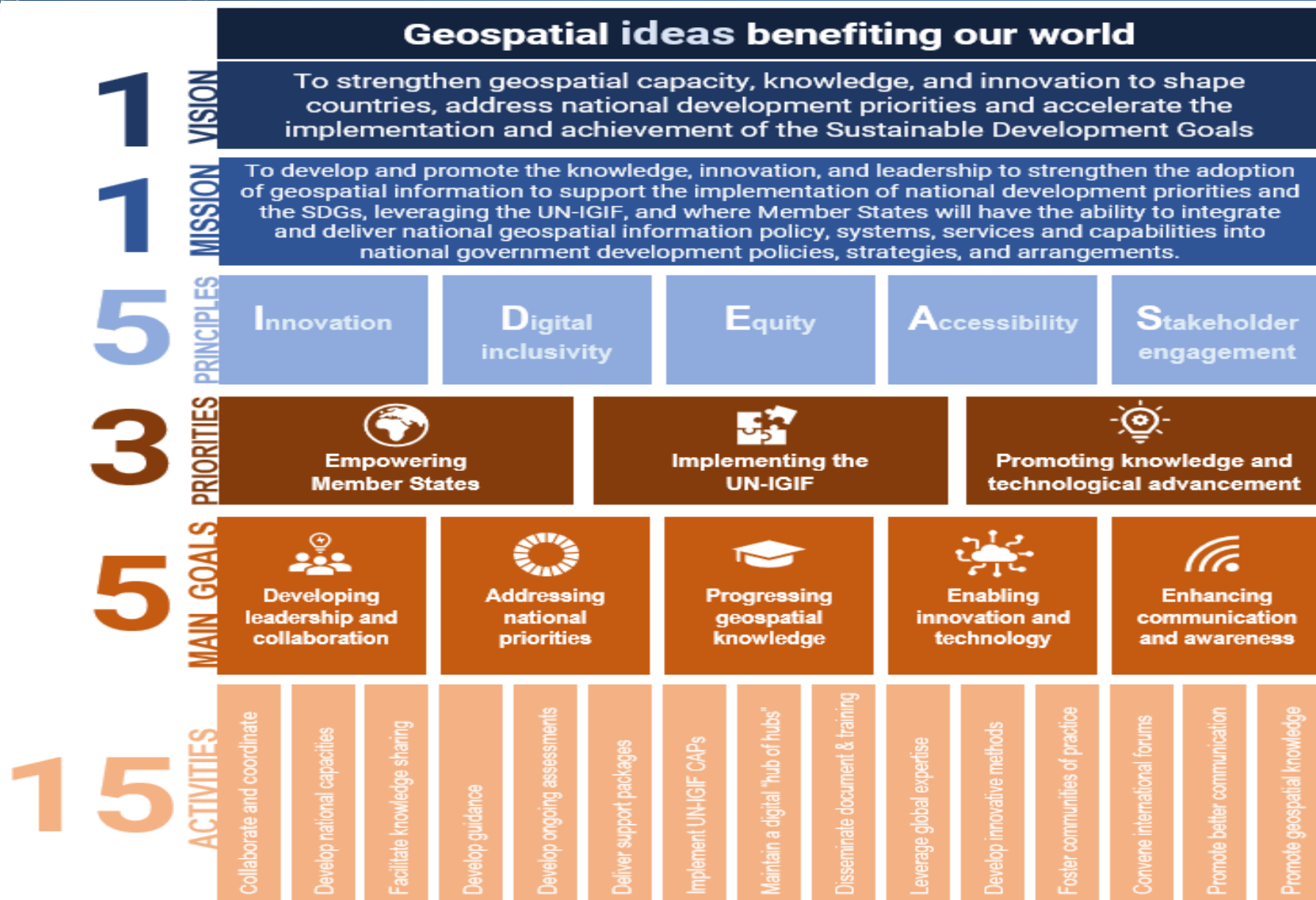
2. 5 Main Goals 五大主要目标

① **Developing Leadership and Collaboration**: Support countries in advancing, integrating, managing, and using geospatial information resources, leveraging the UN-IGIF for social, economic, and environmental benefits.

② **Addressing National Priorities**: Accelerate the achievement of national to global development goals by developing strategies, policies, and national geospatial information capacity in countries through the implementation and knowledge-sharing of the UN-IGIF.

③ **Progressing Geospatial Knowledge**: Enhance the country-level implementation of the UN-IGIF, including resources and stakeholder relationships, for efficient and effective collaboration with partners, and to maximize impacts for countries.

④ **Enabling Innovation and Technological Advancement**: Deploy country-led and integrated data hubs to assist countries in developing geospatial resources and innovative capacities for sub-national, national, regional, and global monitoring and reporting on national priorities and the SDGs within reliable, secure, and scalable platforms.

⑤ **Enhancing Communication and Awareness**: Promote the value and usefulness of geospatial information and share geospatial knowledge and innovation for the benefit of society, the economy, and the environment.

Developing Leadership Collaboration

Addressing National Priorities

Enhancing Communication and Awareness

Progressing Geospatial Knowledge

Advancing Innovation and Technology

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1 **Background Framework**   背景框架

2 **Priorities and Goals**   优先领域与目标

3 **Main Activities**   主要活动类型

4 **Programme 2024/2025**   活动策划

1.1 *Collaborate and coordinate activities with the HLG-IGIF, UN-GGIM regional committees and thematic networks, the UN System, and the SDG Data Alliance to develop synergies, leverage expertise, develop partnerships and maximize impact for the benefit of countries.* (**协作与协调：会议与活动**)

1.2 *Develop national geospatial capacities, leadership and expertise for the formulation and implementation of strategies and policies, leveraging the UN-IGIF, to address national development priorities and global development agendas* (**发展国家地信能力：培训研讨**)

1.3 *Facilitate knowledge-sharing, foster collaboration, co-funding opportunities and leverage international expertise to advance the critical role of geospatial information in global development agendas, in close coordination with other geospatial Centres of Excellence and relevant organizations, including research institutes and think tanks* (**促进地信知识共享：联合智库研究**)

Cooperating
共商

Training
共建

Sharing
共享

2.1 *Develop and disseminate methodological guidance and resource materials for countries to collect, manage and communicate policy-relevant, actionable development and SDGs data and information in an integrated, standardized and consistent manner. (研究形成方法指南：系列化)*

2.2 *Develop and maintain ongoing assessments of existing gaps, surveys on shortfalls and success, and comparative analysis in the development of national strategies, through the implementation of the UN-IGIF, including by leveraging pre-existing and/or new global surveys related to the implementation of the UN-IGIF (动态的国家评估分析：现状报告)*

2.3 *Develop and deliver resources and support packages, workshops, trainings and other capacity development activities for the implementation of the UN-IGIF and Country-led Action Plans, in particular for developing countries, in close collaboration with the HLG-IGIF, the regional committees of UN-GGIM, the SDG Data Alliance and other relevant implementation partners and donors, and in coordination with the UN-GGIM Secretariat(统筹活动支持：参与研讨与赞助)*

Guiding 指南

Assessing 评价

Supporting 支持

3. 3 Goal 3 Progressing geospatial knowledge
目标 3 丰富地球空间知识

3.1 Promote the development and implementation of UN-IGIF Country-level Action Plans including, facilitating knowledge management, sharing good practices and achievements, and learning and sharing real-world experiences on the implementation of the UN-IGIF, in close collaboration with Member States and relevant stakeholders(促进UN-IGIF国家行动计划实施：交流示范)

3.2 Develop and maintain a digital "hub of hubs" with geospatial technologies, methodologies, policy briefs, knowledge resources, trainings and use cases related to the successful application of geospatial information in countries for the implementation and acceleration of national development priorities and the SDGs (开发维护超级数据枢纽：平台与展示)

3.3 Maintain and disseminate the documentation, training materials and relevant media content related to the UN-IGIF, its Implementation Guide, and Country-level Action Plan resources, including maintenance and sustaining of the knowledge base (建立UN-IGIF知识库:e-learning)

Exchanging
交流

Super-HUB
枢纽展示

KB e-Learning
知识库学习

3. 4 Goal 4 Enabling innovation and technological advancement
目标 4 推进创新与技术进步

4.1 *Leverage enabling global and national expertise towards the implementation of a system-of-systems approach to assist countries in monitoring and reporting on their national development priorities and the SDGs within reliable, secure and scalable platforms(专家库与技术援助：场景创新)*

4.2 *Develop innovative methods, approaches and knowledge on the disaggregation of data by geographic location and the integration of geography and statistics to support the SDGs (地理统计创新：双向支撑)*

4.3 *Foster communities of practice for exploring and sharing information and innovative approaches, exchanging knowledge, experiences and good practices through forums, seminars, workshops, training and materials(加强交流共享实践经验：案例共享)*

Innovating
创新

New Geo-Statistics
新空间统计

Practicing
实践交流

3. 5 Goal 5 Enhancing communication and awareness
目标 5 增进沟通与共识

5.1 Collaborate with Member States and relevant stakeholders, convene international forums, seminars, expert and consultative meetings, and workshops for countries to learn, understand and progress innovative geospatial approaches and methodologies, facilitate knowledge sharing, and foster collaboration to advance the critical role of geospatial information in global development （联合举办地信技术与应用交流会议：应用大会）

5.2 Develop and promote better communication, engagement, and outreach mechanisms, including web- and social-media presence, and multi-media materials to raise awareness at the highest levels of the value and benefits of geospatial information, its impact, and significance to the wellbeing of people, planet, peace and prosperity (促进沟通参与普及：知识普及)

5.3 Support the promotion of geospatial knowledge and innovation at global events and summits (General Assembly, High-level Political Forum, Conference of the Parties, etc.) showcasing the UN-IGIF for accelerating the achievement of the SDGs and other development agendas (支持参与UN的系列活动：助力与报告)
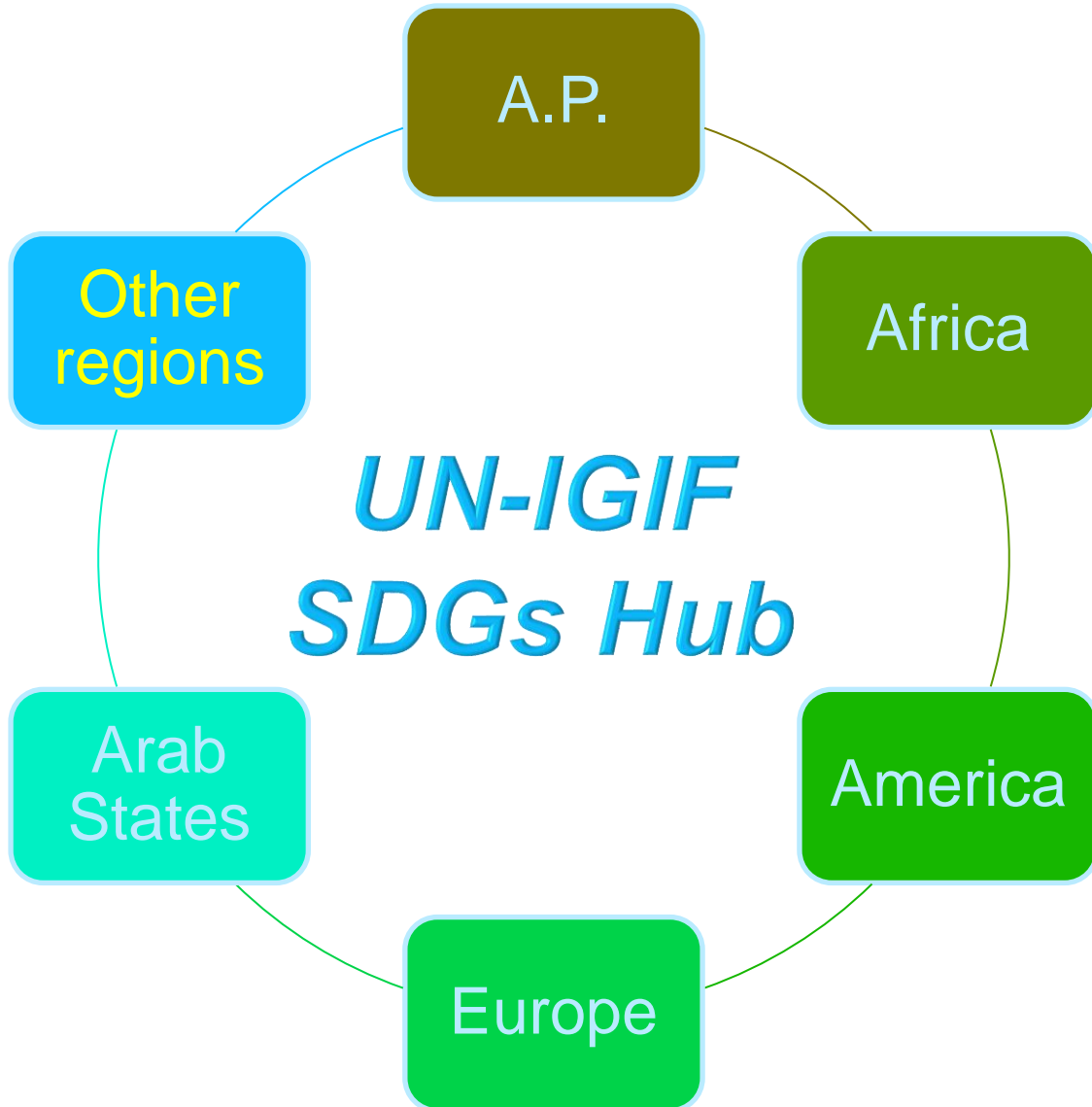
GeoUser Conference
应用交流

Outreaching
知识普及

Participating
参与支持

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1. **Background Framework** 背景框架
2. **Priorities and Goals** 优先领域与目标
3. **Strategic Plan** 战略规划
4. **Programme 2024/2025** 活动策划

A.P.

Other regions

Africa

UN-IGIF SDGs Hub

Arab States

America

Europe

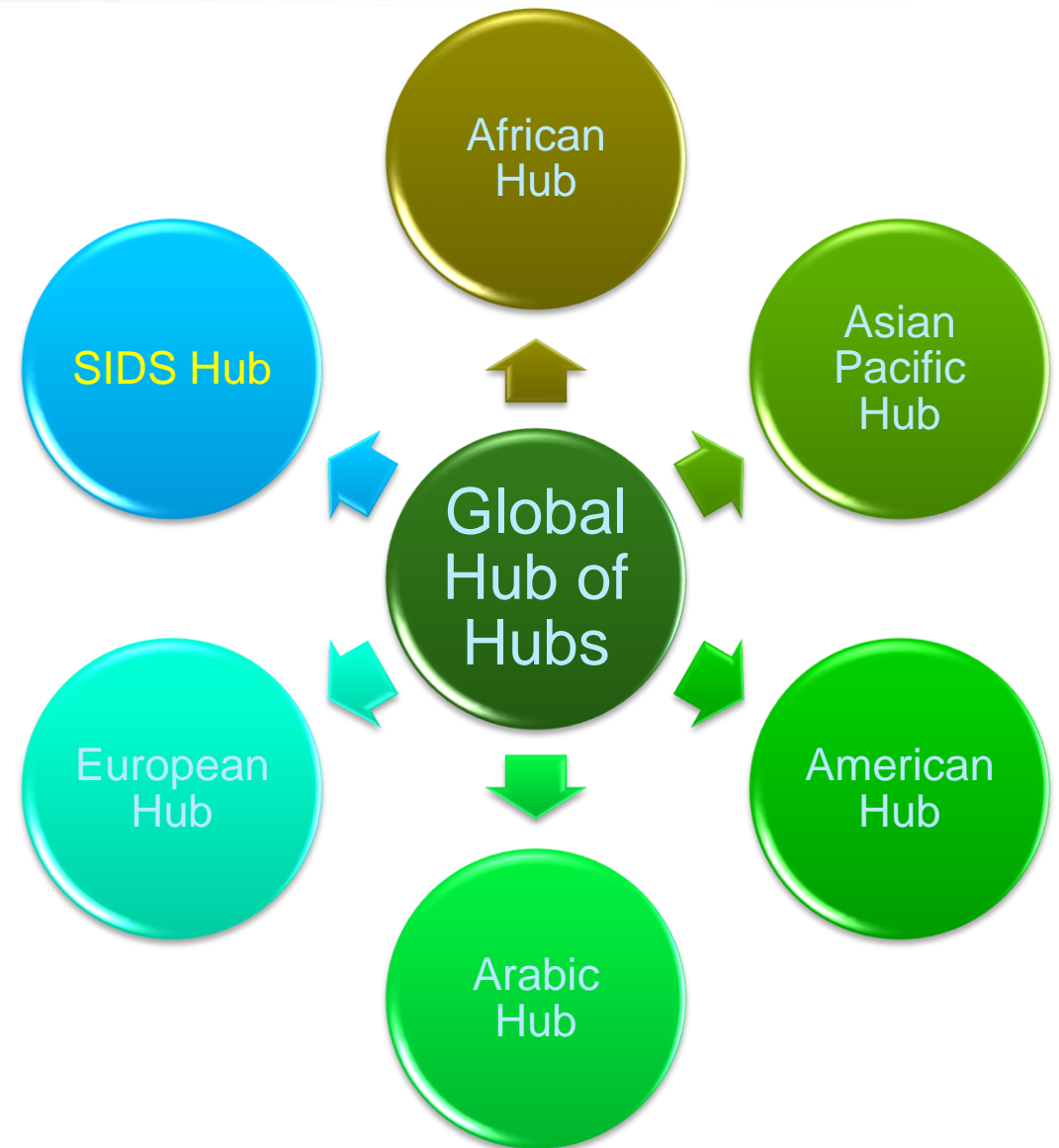**Regional Workshops**

Leadership Development

Application Conference

4.2 Geospatial Knowledge Hub and Dashboard 地理信息知识枢纽

- **To construct the Global Hub of Hubs to support Sustainable Development**
- **To develop a SDG Geo-Dashboard**
- **To collaborate and support SDG Data Alliance**

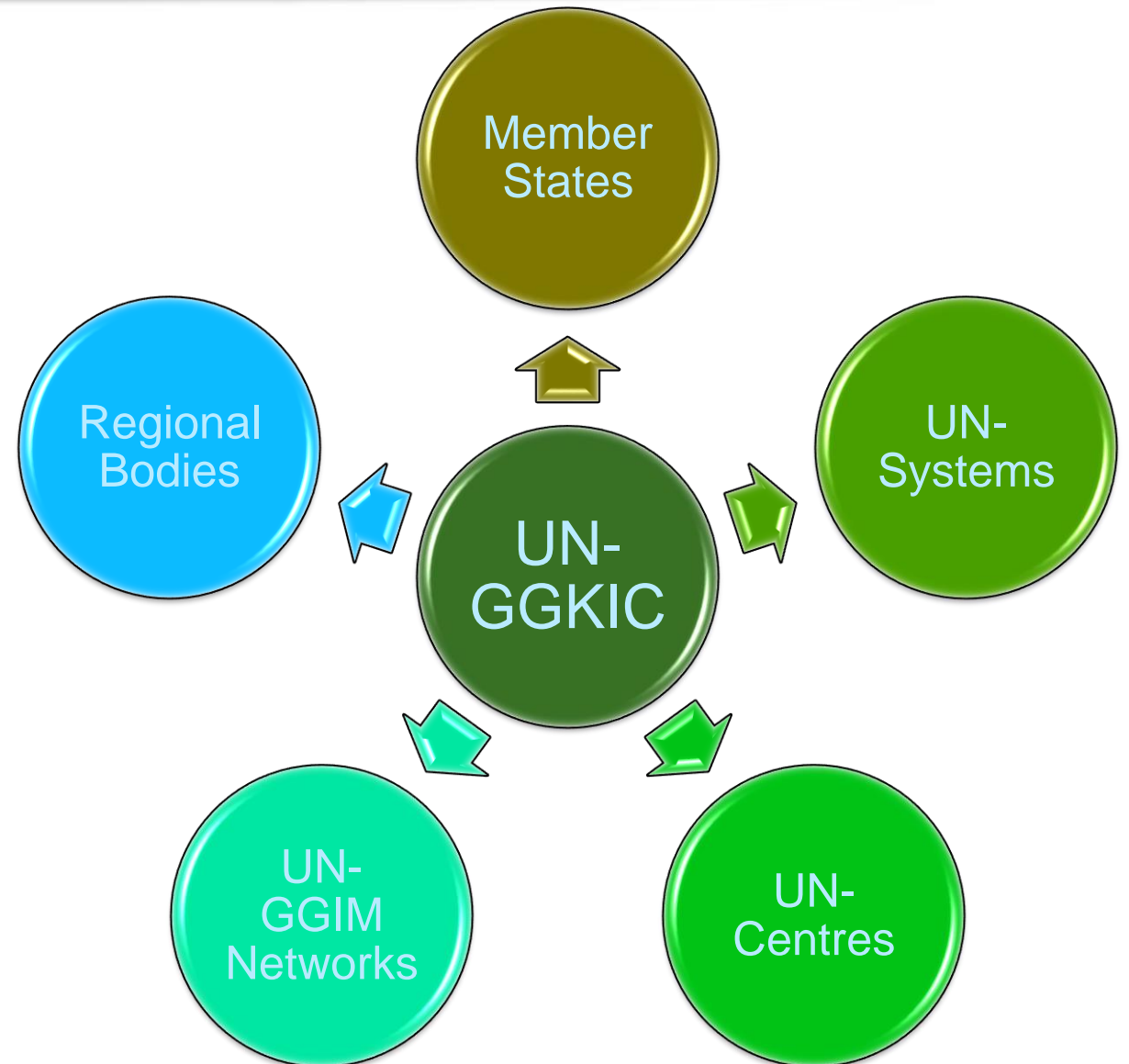

Geospatial Knowledge Hubs for SIDSs, LDCs, LLDCs

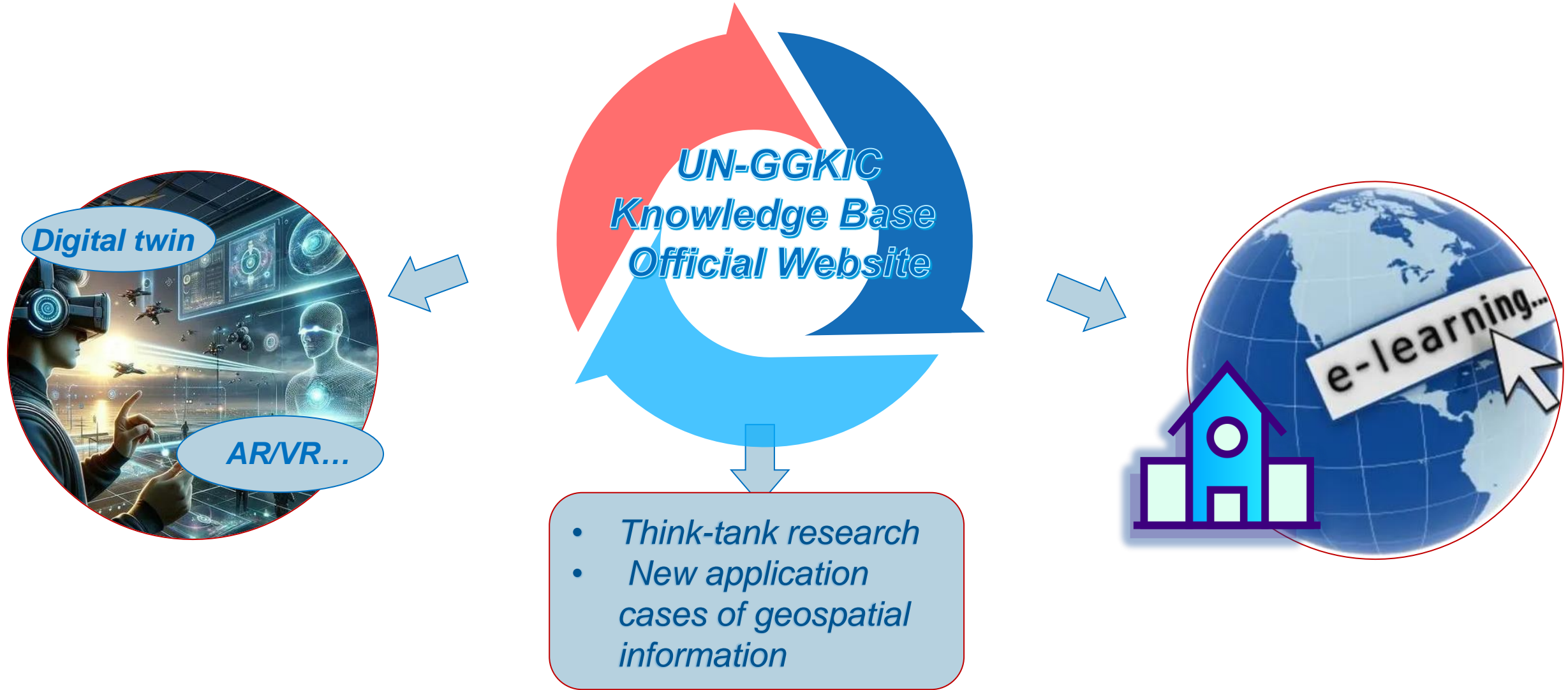# 4.3 Innovation in Geospatial Knowledge 地理知识创新

- In geospatial knowledge and technology innovation, high-end think tank research activities will be initiated focus on cutting-edge topics on applications.
- The center will carry out some experiments on construction and application of UN GGIF.
- More efforts will be made to develop training courseware, establish knowledge repositories, and create e-learning platforms, facilitating both online and offline exchanges.

- *Hand-in-Hand Technical Cooperation*
- *Earth Observation Data Sharing*
- *Geospatial Knowledge Modelling*
- *Standards Development*

Digital twin

AR/VR...

UN-GGKIC
Knowledge Base
Official Website

- Think-tank research
- New application cases of geospatial information

e-learning...

- Invite key domains to exchange experiences of geospatial applications to promote total geospatial solutions for sustainable development.

Urban Construction

Forestry

Outer Application Circle

Transportation

Inner Circle

Agriculture

geospatial information

Emergency Disaster Relief
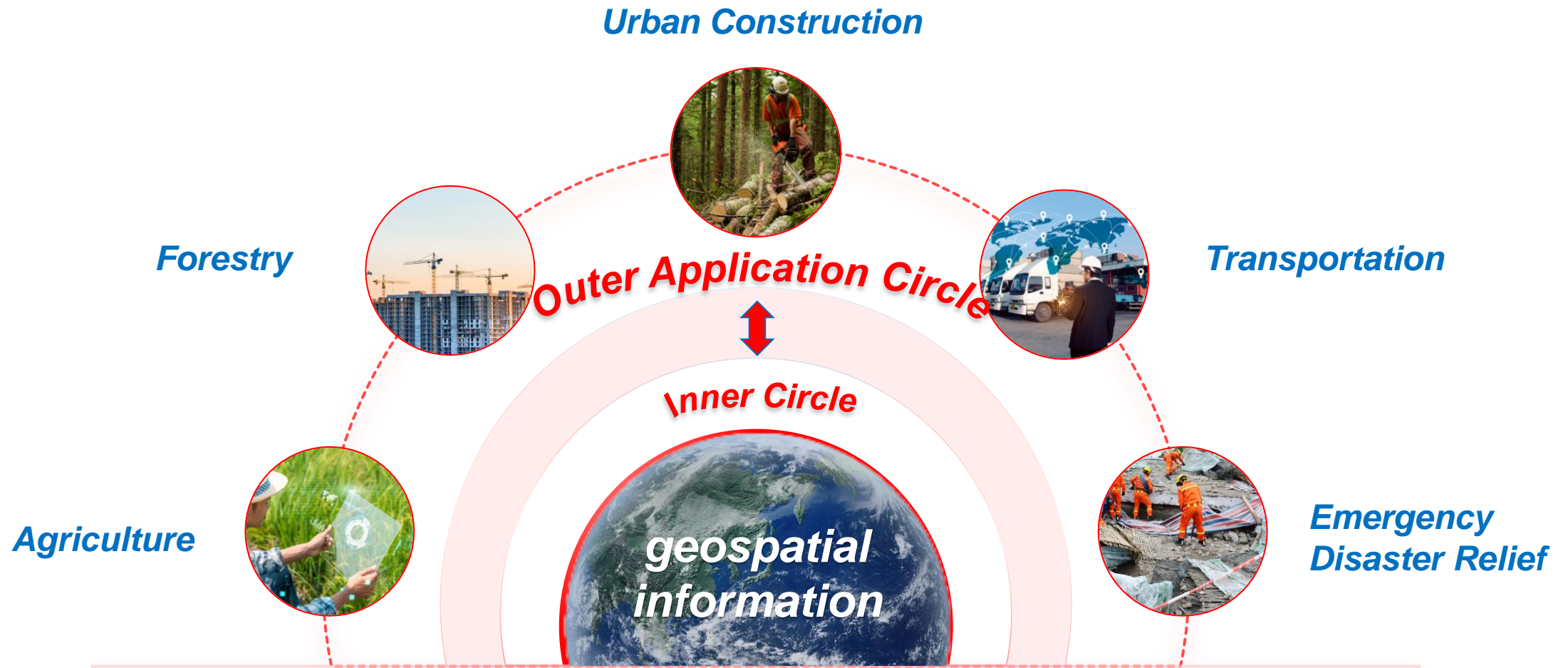
4.7 Draft Activities Timeline 初步活动计划

Above the timeline arrow:
- 14th UN-GGIM, USA, Aug. 2024
- 7th HLF UN-GGIM, Mexico, Oct. 2024
- GeoWeek 2024,China, Nov.2024
- SDGs for SIDS, ?,Dec.2024
- Geo Reference Seminar, China, March 2025
- Leadership, China, May 2025
- GeoWeek 2025,China, Nov.2024

Below the timeline arrow:
- AP Regional Data Hub Seminar, China, Sept. 2024
- GGIM-Africa Plenary, Ethiopia,Oct.2024
- GGIM-AP Plenary, India, Nov.2024
- 6th HLG-IGIF, Saudi, Feb.2025
- UN WDF 2025? ?
- 15th UN-GGIM, USA, Aug.2025

Trust Fund from Host Country
东道国信托基金

Contributions via Cooperative Projects
项目合作的支持

In-Kind Contributions from Local Government
非货币投入

The activities will be based on the budget with enough flexibility.
工作任务的安排应该基于中心的预算并保持一定的灵活性。

Thank you !