

WGIC POLICY REPORT: 2022-02

Enabling the Geospatial  
Ecosystem - Policy Considerations  
for Governments and Industry



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WGIC





World Geospatial Industry Council

A Global not-for-profit  
Trade Association of  
Private Sector  
Companies working in  
the geospatial  
ecosystem.





# Patron Members



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# IGIF Strategic Pathways & WGIC Policy Research

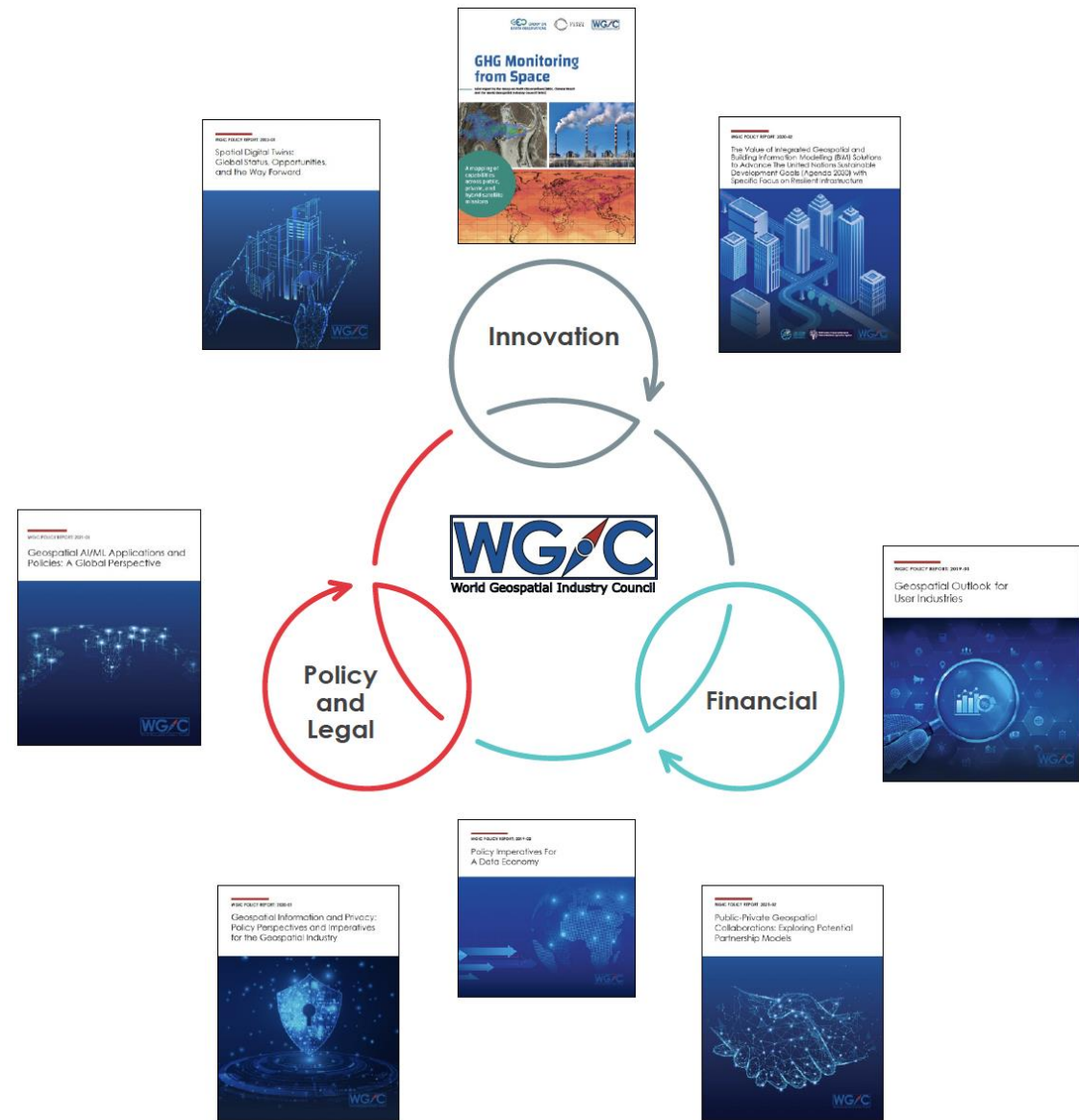
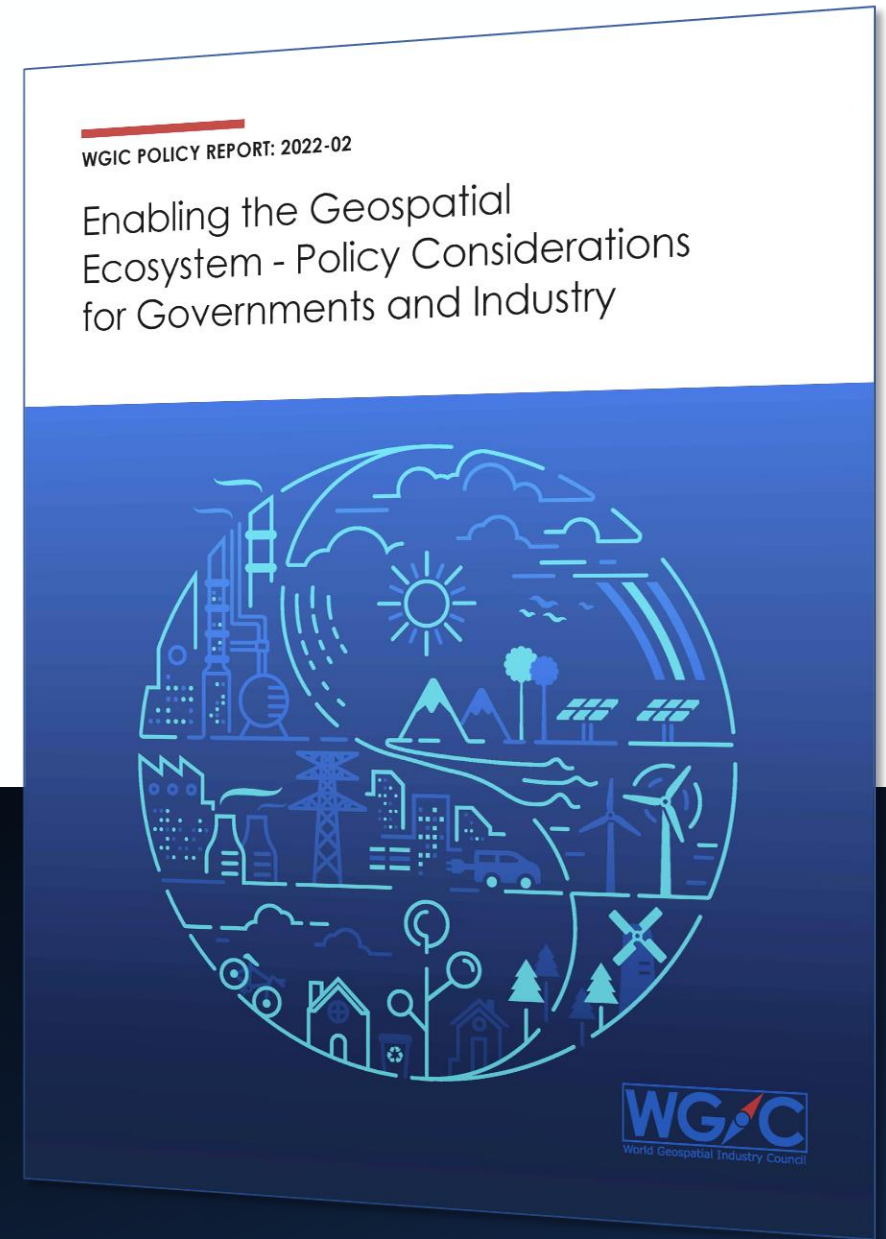


Figure 1: Mapping of WGIC Reports with IGIF Pathways



Download the  
report from  
[WGICouncil.org](https://www.WGICouncil.org)

Understand the alignment of WGIC's  
policy advocacy work with the UN-GGIM  
IGIF strategic pathways – Policy and  
Legal, Innovation, and Financial.





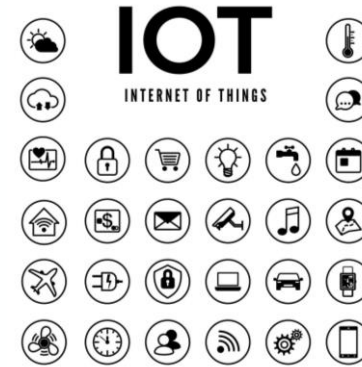
Geospatial data is growing exponentially and technologies to leverage it are evolving fast.



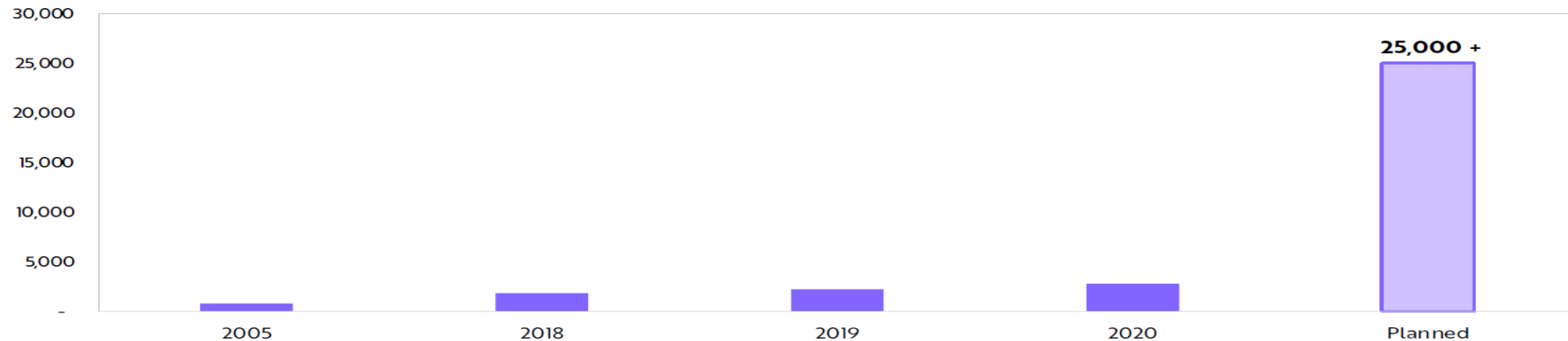
# Everything Happens Somewhere



## ON DEMAND ECONOMY CONCEPTS



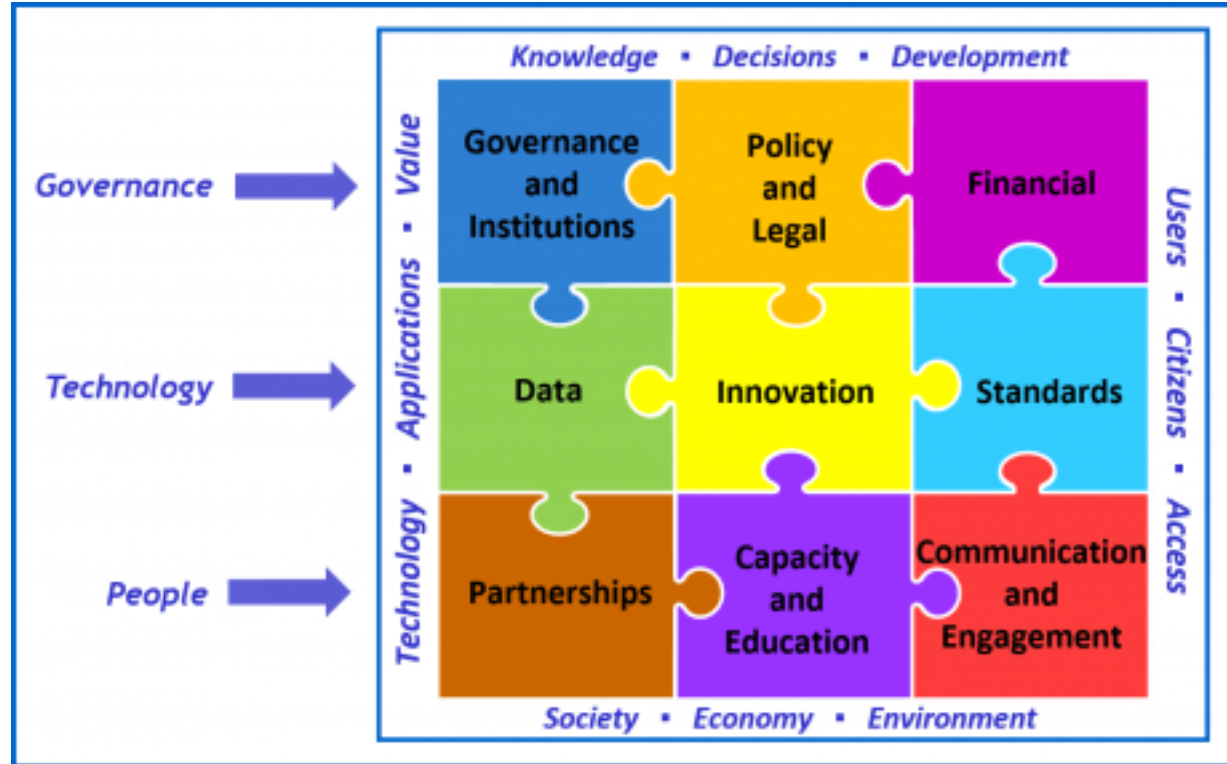
## Number of Active Satellites



Forecasts are inherently limited and cannot be relied upon.  
Source: ARK Investment Management LLC, 2020 based on data sourced from: Union of Concerned Scientists Satellite Database.

# UN-GGIM Integrated Geospatial Information Framework (IGIF)

UNGGIM IGIF targets to realize the potential of new technologies and abundant data in an inclusive and safe manner





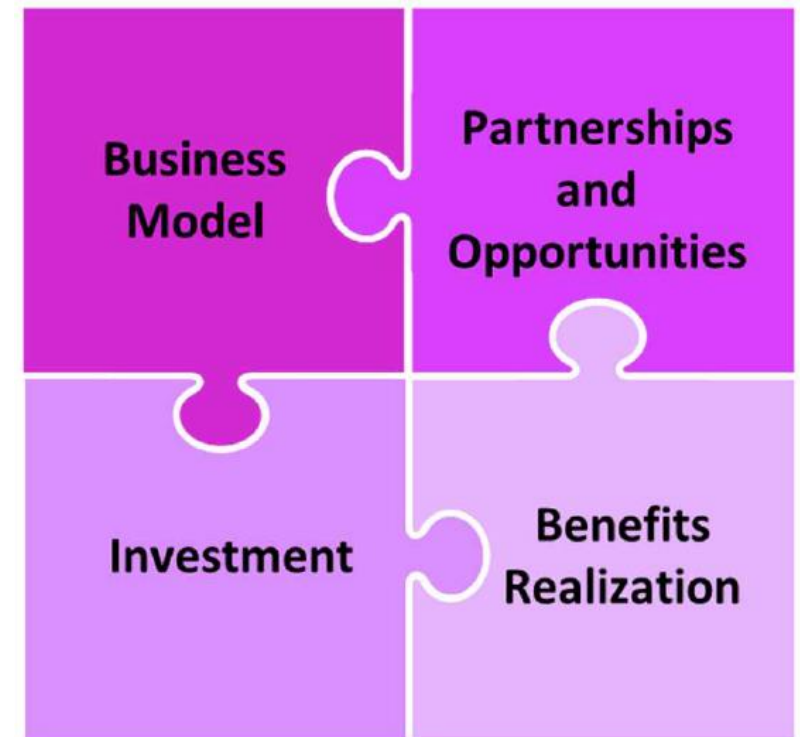
# Policy and Legal Pathway & WGIC

- ❑ WGIC proactively monitors legislative activities and policy processes
- ❑ Keeps policymakers aware of the industry perspectives and the policy gaps identified for effective implementation
- ❑ Nudges and collaborates with geospatial industry to lead responsibly and self-regulate while policy-making processes catch-up



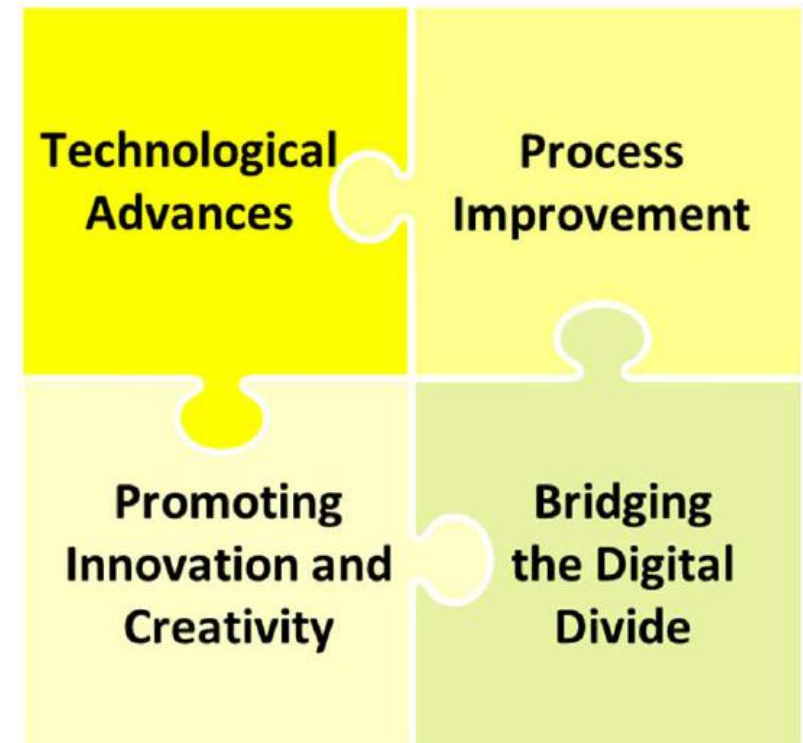
# Financial Pathway & WGIC

- ❑ WGIC identifies the effective business models for new technologies and policy gaps to enable those
- ❑ We identified 12 PPP-based business models with unique characteristics and relevance to building national SDIs/GKIs
- ❑ Bring in the industry perspective on how IGIF implementation can leverage new and innovative business models at all levels



# Innovation Pathway & WGIC

- ❑ WGIC monitors technological advances and innovations to help develop an understanding new possibilities.
- ❑ Recommends policy ideas to build conducive environments for innovation and safe deployments of new technologies
- ❑ WGIC brings in the diverse stakeholder and industry inputs by ensuring we consult experts from all geographies and segments





# Key Recommendations from WGIC



## > Agile Policy Making

Pace of technology change requires agile-policy making approaches that engage all stakeholders to share responsibilities for safe implementations.



## > Enabling innovation through data

Leveraging the pervasive digitization to achieve best possible outcomes for everyone and effective IGIF implementation.



## > Intellectual property (IP) perspective

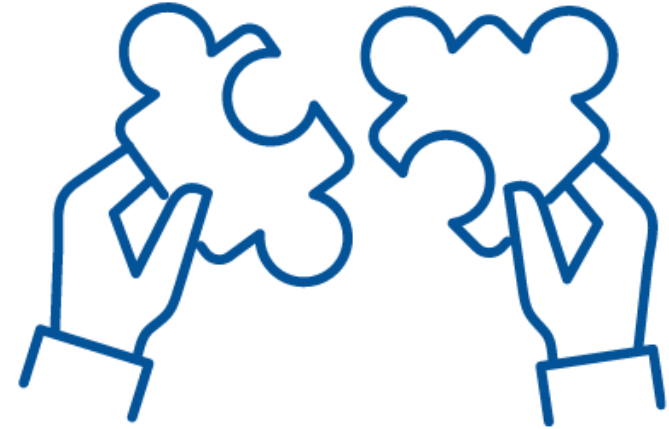
Identifying gaps in the current IP and recommending solutions that would enable new business models to help realize the potential impact of innovations.



Policy Research  
& Advocacy



Climate Action



Partnerships

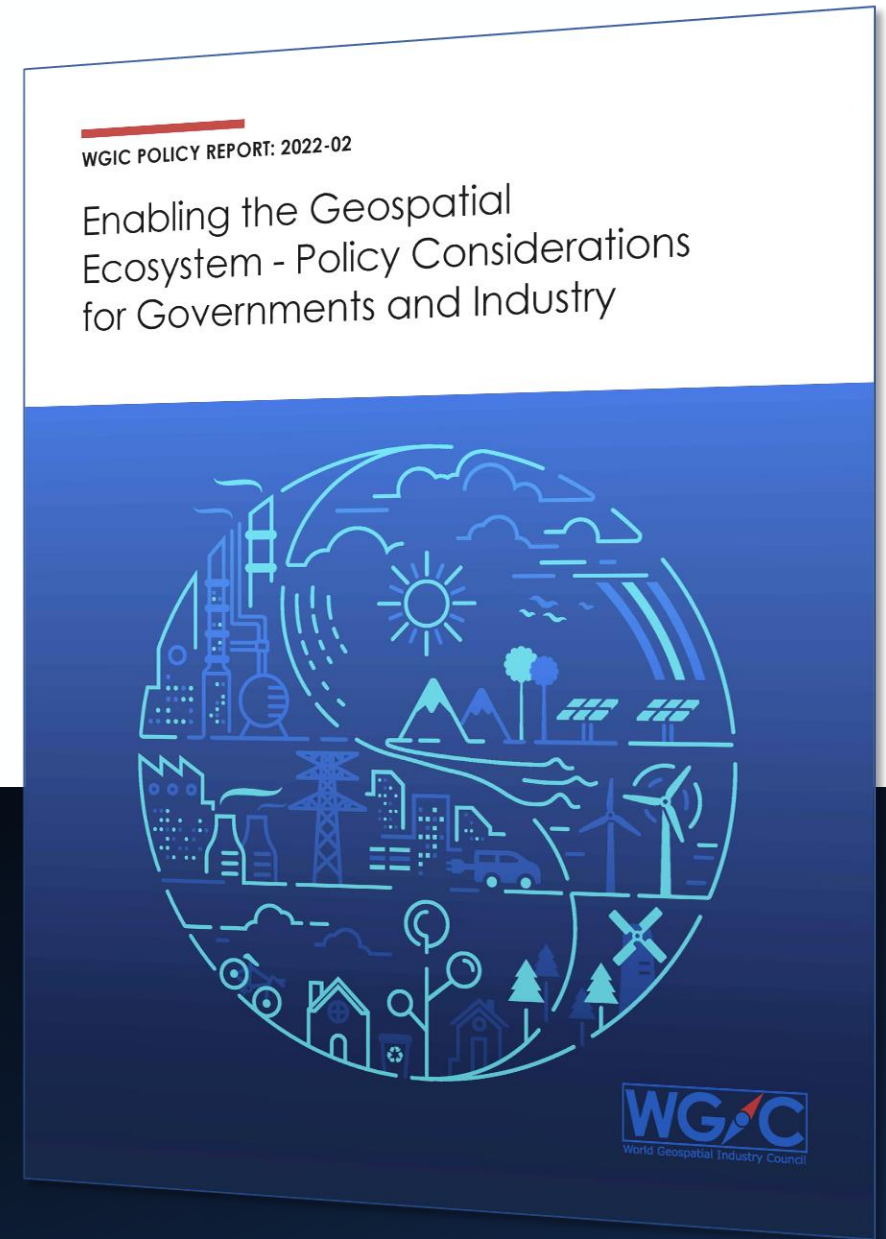
## Call for Action

- ❑ WGIC strives to advance the geospatial industry globally and strengthen its contribution to the world economy and society.
- ❑ We invite all stakeholders to come and collaborate, exchange knowledge and work together to realize our shared vision



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# Questions

