



INTERNATIONAL COOPERATION

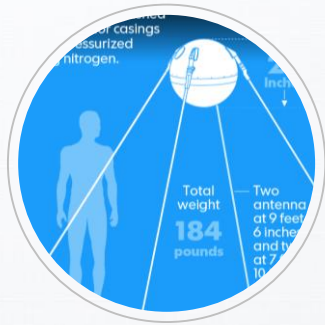
EXPLORING FUTURE SCENARIOS - CHALLENGES AND OPPORTUNITIES

HIGH LEVEL FORUM

PRESENTER: Pontsho Maruping



Evolution of space motivation



Sputnik

Space race and dominance



Moon landing

Exploration and discovery



Refocus on earth

More cooperation
Space solutions for earth



New space

Pushing the boundaries
Competition

“We believe that when men reach beyond this planet, they should leave their national differences behind them.” John F. Kennedy, 1962



A little bit about the SGDs

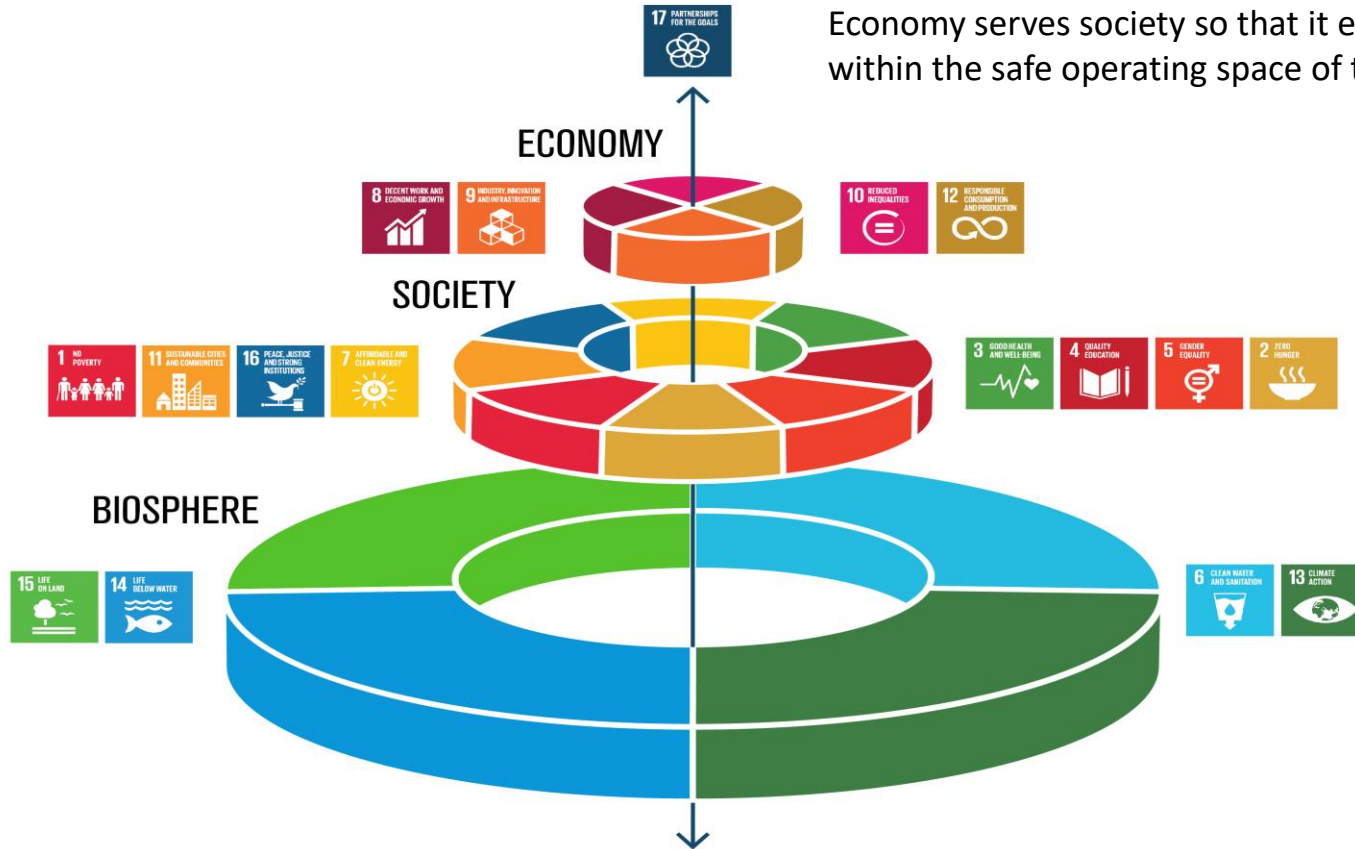




Perspective



SDGs – Complexity at every level



Economy serves society so that it evolves within the safe operating space of the planet.

Challenges for space stakeholders

Focus on governance for successful implementation

- **Bringing together the right stakeholders at the right time at the right place**
 - Who gets involved in determining priorities for different communities in different parts of the world?
 - How do governments, the private sector, and communities interact in deciding on appropriate solutions?
 - how does this differ in different contexts?
 - **Making difficult trade-offs**
 - It is crucial to recognize that difficult choices will also need to be made that may involve winners and losers, at least in the short term .For example, biodiversity vs. expanding agricultural production for food security.
 - Each of the SDG issues has many competing stakeholder interests attached to them.
 - **Building accountability for action**
 - A final key challenge is ensuring responsibility and accountability for progress towards meeting the SDGs.
 - Mechanisms to do this need to link across local, national and international scales.
 - Discussions are currently occurring to decide on indicators and ways of monitoring and evaluating progress on the SDGs, largely at the national scale.
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How do we approach the future

Consideration for Space 2030

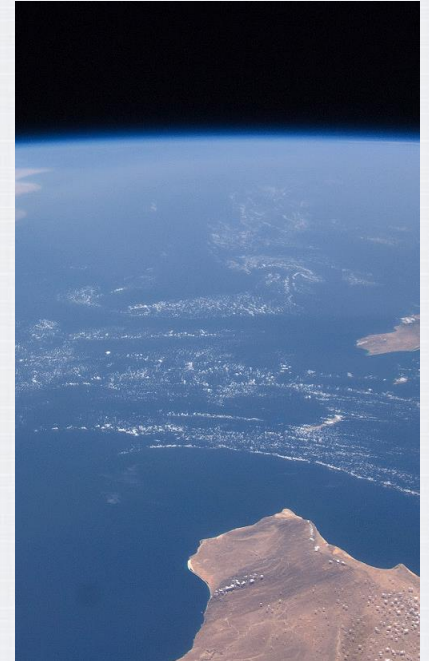
Mountains

World with status quo power locked in and held tightly by the currently influential. Stability is the highest prize, so those at the top align their interests to unlock resources steadily and cautiously. The resulting rigidity within the system dampens economic dynamism and stifles social mobility.



Oceans

Influence stretches far and wide. Power is devolved, competing interests are accommodated and compromise is king. Economic productivity surges on a huge wave of reforms, yet social cohesion is sometimes eroded and politics destabilised. This causes much secondary policy development to stagnate, giving immediate market forces greater prominence.



Courtesy of from Shell scenarios

Key elements of effective collaboration must include

- Optimal balance between the imperatives of space program with top-down strategic development priorities;
 - Development of human capabilities, national STEM capacity and expertise in space policy;
 - Co-ownership of the outcomes; applying and transferring results to local communities and/or industries in both developed and developing countries as well as to society in general;
 - Evaluating the outcomes by using appropriate methodologies and indicators;
 - Coordinating and harmonising programmes and projects among developed and developing countries
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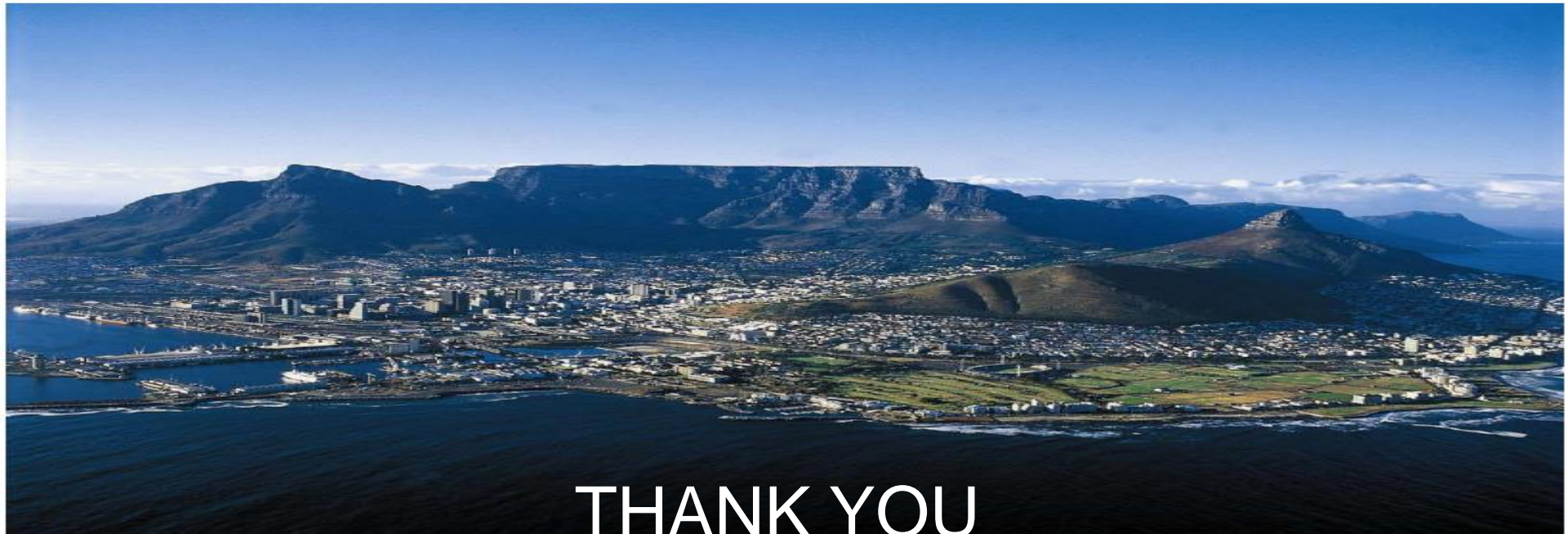
Opportunities

UNCOPUOS is a unique global platform for fostering national, regional, interregional and international cooperation and coordination in outer space activities

- Strengthen governance
 - Foster dialogue - **meaningful**
 - Share knowledge and information
 - Developing mechanisms for dealing with trade-offs
 - Build accountability through measuring results and providing on-going feedback
 - Develop a template for effective capacity-building
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To conclude

- Space 2030 strategy offers an opportunity of defining sustainable scenarios for the future of space
 - The coherence and sustainability of multilateral efforts require constructive communication processes and channels based on shared **win-win** scenarios and objectives. UNCOPUOS has an opportunity to offer that platform.
 - UNCOPUOS can only maintain relevance if it delivers tangible results.
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THANK YOU

