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SHARING THE BENEFITS OF SPACE & INDIGENOUS KNOWLEDGE

0.0 Chapeau

1.0 Chapter I. Sustainable development and financing for development

2.0 Chapter II. International peace and security

3.0 Chapter III.

We propose the following **Actionable Recommendations** arising from the G20-B20 Task Force on Deep Tech and digital cooperation.

Recommendation No. 3: Undertake Deep Tech Nurturing Ecosystems framework across the G20 and global South countries to ensure the smooth transition of emerging Deep Tech concepts to SDG specific applications.

Recommendation No. 4: Evaluate and enable regulatory frameworks that foster innovation and policies for sustainable solutions and mitigate barriers preventing open cross-border collaborations.

Digital Cooperation: The knowledge possessed by Indigenous community is valuable and can be further complemented by emerging technology-based solutions that focus on ecosystem and environment. However, there are challenges and practical barriers linking emerging technology-based tools with Indigenous knowledge and effective mechanisms to preserve and protect such practices.

We have therefore undertaken a global **collaborative digital infrastructure initiative** called the “**Indigenous Knowledge Research Infrastructure (IKRI)**”, that uses frontier technologies to

5.0 Chapter IV. Transforming global governance

There is a consensus amongst global stakeholders that the existing “**Outer Space governance framework**” has become obsolete, and it has not kept up with the pace of commercialization and technological change in outer space activities.

Therefore, we propose the following **Actionable Recommendations** arising from our recent briefing to the UN-COPUOS.

Recommendation No. 7: Create a new model of space governance that will include diverse space actors and address today's challenges.

This issue needs further consideration, and we plan to submit a detailed paper, in consultation and partnership with sector experts and stakeholders, prior to the Summit. We especially **propose to engage the current G20 Presidency and the UN COPUOS in this process.**

The following **Actionable Recommendations** arising from the G20-B20 Task Forces on “Space for Sustainable Development” and “Deep Tech and Digital Cooperation”, compliments this input.

Recommendation No. 8: Simplify Cross-Border Policies for active participation by non-governmental stakeholders within the space sector.

Recommendation No. 9: Adapt regulatory harmonization within G20 and Global South countries with adherence to global frameworks for Deep tech and digital cooperation.

Furthermore, we propose to address the important issue and the legalities of how near-Earth space impacts Indigenous communities and how Indigenous knowledge is crucial for space-based governance.

Recommendation No. 10: Integrate Indigenous Knowledges and Practices within Outer Space governance framework.