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## COMMUNICATION ON ENGAGEMENT (COE)

### Period covered by this Communication on Engagement

**From:** 31-01-2018

**To:** 31-01-2020

### Part I. Statement of Continued Support by Chairman, CANEUS International

April 28, 2020

*To our stakeholders:*

*I am pleased to confirm that CANEUS International reaffirms its support to the United Nations Global Compact and its Ten Principles in the areas of Human Rights, Labour, Environment and Anti-Corruption. This is our Communication on Engagement with the United Nations Global Compact. We welcome feedback on its contents.*

*In this Communication of Engagement, we describe the actions that our organization has taken to support the UN Global Compact and its Principles as suggested for an organization like ours. We also commit to sharing this information with our stakeholders using our primary channels of communication.*

Sincerely yours,

Milind Pimprikar  
Chairman

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## Parts II and III Description of Actions and Measurement of Outcomes

CANEUS International organization is committed to support the Global Compact and promote the implementation of the ten principles.

As a Global Organization serving the needs of societal stakeholders using emerging technologies, CANEUS activities covers international collaborative projects and initiatives, which are synergistic with the mission and goals of the UN and the Global Compact.

CANEUS has been achieving this goal since its founding in 1999 through the creation of a synergistic collaborative innovation environment focused to support and accelerate international public / private partnership projects, which are strategically important to end-users and partners (corporations, government agencies and academic institutions), by pooling together and leveraging expertise through its “global network” of state-of-the-art technologies, e.g. space exploration, AI, robotics, big data, blockchain, 3D printing, small satellites, nano-bio-medicine, etc., in order to accelerate the introduction and use of advanced technologies and solutions into the supply chain (local/regional/global) while reducing costs and risks.

CANEUS and UN through their cooperation agreement, share common objectives with regard to SDGs, other global agendas, and also share similar missions in areas of mutual concern to enhance the effectiveness of their development efforts in areas of common interest in earth observation and space-based technologies and applications that can address SDGs, particularly in the most vulnerable countries.

CANEUS and UN further believe that such aim could be achieved through effective and mutually partnerships between UN and representatives of industry, civil society and the private sector.

Thus, with this COE, CANEUS International is pleased to report its progress for the years 2018-2020, by implementing following practical actions in support of the Global Compact principles in each of the four issue areas (human rights, labour, environment, anti-corruption).

Also included in this report is the outcome from these activities measured using the most relevant qualitative and/or quantitative indicators.

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## Parts II and III Description of Actions and Measurement of Outcomes

### Year One: 31-01-2018 to 31-01-2019

1. **Action 1:** CANEUS engaged with Global Compact Local Canada Network by periodically participating and presenting CANEUS initiatives and activities of interest to GCNC members.

**Outcome:** Contributed to further the aims of Global Compact Local Network in Canada and advance the UN Global Compact principles.

2. **Action 2:** In **February 2018**, CANEUS joined UN Member States and Members of the UN Committee on Peaceful Uses of Outer Space at their Scientific and Technical Sub-Committee STSC meeting held at Vienna.

**Outcome:** CANEUS participation and cooperation addressed issues impacting environment, human rights, labour capacity development and governance. Consultation with stakeholders and policymakers.

3. **Action 3:** In **March 2018**, CANEUS partnered with Canadian and global health Earth observation agencies to create an image processing and management system for public health risk assessment based on integrated AI and blockchain technology.

**Outcome:** Integration of (Artificial Intelligence) AI and Blockchain technology in decision-making processes of public health and disease risk assessment based on EO data provides transparency and trust offering significant commitment to be in compliance with all relevant laws.

4. **Action 4:** In **April 2018**, CANEUS signed an historic cooperation agreement with the UN to work together on projects and initiatives worldwide related to SDG's. CANEUS also donated necessary funds to the UN on undertaking feasibility studies on creating **global partnerships**.

**Outcome:** CANEUS-UN partnerships formalized covering complimentary vision and goals. The partnership reinforced commitment to compliance with all relevant laws and ethical guidelines.

5. **Action 5:** In **May 2018**, CANEUS partnered with UN-OOSA and the UN Secretary General's office to create and launch "**My Planet, My Future: MPMF**" initiative, which was showcased at the UN HQ building in New York for two months, July 10th to September 5<sup>th</sup>, 2018 to coincide with the UN HLPF 2018.

**Outcome:** The MPMF covered real life case studies on using space technology to support SDG's including environment, labor capacity building, and tracking of illegal human trafficking.



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Year One: 31-01-2018 to 31-01-2019  
(Continued)

6. **Action 6:** In **June 2018**, CANEUS partnered with the UN, Member States, Industries and NGO's to celebrate UNIPACE+50 anniversary held at Vienna.

As part of UNISPACE+50, CANEUS in partnership with UN-OOSA and other UN agencies has undertaken to establish "**Global Capacity Development Facilities**" to serve the needs of developing countries.

**Outcome:** These facilities are being developed to ensure compliance with the 4 principles of UNGC.

7. **Action 7:** In **July 2018**, CANEUS participated at the UN HLPF 2018 held at NY and partnered with the UN to explore creation of **Global Space Fund for Development (GSF4D)**, as an operational vehicle for implementing commitments for Sustainable Development Goals.

The proposed fund, similar to the Global Environmental Facility GEF is designed to support services and projects such as include STEM for woman, advisory service, capacity building, assisting establishing space and ground infrastructure, building data centers, developing operational programs based on space technologies and other practical areas to assist developing countries with their SDG's.

**Outcome:** GSF4D is being structured to comply with all four issue areas the Global Compact principles. Commitment to follow all relevant compliance laws and governance mechanism.

8. **Action 8:** In **August 2018**, CANEUS partnered with UN-Women, UN-OOSA and Govt of Canada to undertake "Women in Space" initiative to encourage STEM labour development focusing on women.

**Outcome:** Prevents discrimination of all kinds and ensures gender equality with comparable pay for comparable work.

9. **Action 9:** In **September 2018**, CANEUS joined GSM Association, an industry organization that represents the interests of mobile network operators worldwide, for a side-event Session "Emerging Technologies Impact on SDG's" on the sidelines of the 73rd session of the United Nations General Assembly (UNGA 73).

CANEUS also held meetings with UN-DESA at NY to formulate cooperation on capacity development in developing countries.

**Outcome:** The two initiative addressed the digital communication gap contributing to the human rights area, labor and environment.



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### Year One: 31-01-2018 to 31-01-2019

#### (Continued)

10. **Action 10:** In **October 2018** CANEUS devised “New Global Framework for Sharing of New and Existing Space Data” for presentation at the second UN World Data Forum in Dubai.

**Outcome:** This initiative supported and contributed to concrete actions to implement human rights policies with regards to data and privacy.

11. **Action 11:** In **November 2018** CANEUS in partnership with DLR, the German Space Agency presented the “New Global Partnership Concept through MPMF” at the UN-German High-Level Forum held in Bonn, Germany.

Additionally, CANEUS also contributed to the United Nations World Geospatial Information Congress (UNWGIC) held at Deqing, China

**Outcome:** These initiatives help implement partnerships on corporate sustainability and engagement with other stakeholders involved in UN Global Compact.

12. **Action 12:** In **December 2018**, Representatives of CANEUS International and the World Economic Forum met at Geneva to explore cooperation and partnership opportunities including complimentary projects and initiatives between the two organizations.

**Outcome:** This initiative will significantly help influence on how large businesses, specifically Members of WEF and CANEUS partners worldwide, will ensure to advance human rights, the environment, labour standards and anti-corruption. through engagement with UN Global Compact business participants and local networks including the issue platforms and workstreams.

13. **Action 13:** In **January 2019** CANEUS presented at the Global Compact Local Canada Network quarterly call, updates covering six major CANEUS initiatives and activities, interest to GCNC members. We are especially proud to share with the UNGC community that the UN Secretary General invited and chose the contents from CANEUS's MPMF project to launch his Environment initiative, later held in September 2019.

**Outcome:** “My Planet, My Future” is being offered to UN Member States as Travelling Exhibit for the period 2019 to 2030. The MPMF platform will help advance the UN Global Compact principles worldwide.



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### Year Two: 31-01-2019 to 31-01-2020

14. **Action 14:** In **February 2019**, CANEUS delegation representing Canada, US, Europe, Asia, Africa and MENA regions participated and made series of presentations covering issues related environment, capacity development and data sharing at the UN COPUOS Scientific and Technical Sub-Committee STSC Session held at Vienna.

**Outcome:** The statements by the CANEUS representatives at Saudi Arabia, Dubai, and Bangalore-India, highlighted the CANEUS governance practices in these regions with significant impact on labor and anti-corruption principles.

15. **Action 15:** In **March 2019**, Representatives of CANEUS Asia and CANEUS Africa met with officials from UN Environment and the WASP (World Adaptation Science Program) at Nairobi, Kenya to identify and undertake series of initiatives focusing on emerging space science and technology applications for environment, energy, food, urban planning and capacity development through the MPMF platform.

**Outcome:** CANEUS cooperation with UNEP and WASP helps to understand and plan the environmental risks and opportunities using space technologies.

16. **Action 16:** In **April 2019**, CANEUS partnered with UNFCCC in an invitation-only group of 100 global thinkers held at Incheon, Korea to create a unique initiative on **'resilience frontiers'** which addressed and contributed to all four major areas of UNGC principles.

**Outcome:** Participation in international framework agreements.

17. **Action 17:** In **May 2019**, CANEUS project "Disaster Risk Assessment, Modeling & Logistics Management using Integrated AI, Space Data, Blockchain Technology and 3-Printing" won the UN competition and was showcased at the Innovation Platform of the Global Platform for Disaster Risk Reduction (GP2019) held in Geneva, Switzerland from 13 to 17 May, 2019.

**Outcome:** The proposed solution will create a collaborative platform to facilitate the sharing of the best ideas and innovations to inform policy and inspire collective action for scale and global impact.





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### Year Two: 31-01-2019 to 31-01-2020 (Continued)

18. **Action 18:** In **June 2019**, CANEUS participated in the Annal Session of UN COPUOS (Committee on Peaceful Uses of Outer Space) held at Vienna and presented updates on CANEUS-UNFCCC initiative "Resilience frontiers" and CANEUS-UNDRR project on AI-Blockchain based disaster risk prediction and assessment tool.

**Outcome:** These presentations provided policies, public commitments and CANEUS goals on environmental and disaster risk protection.

19. **Action 19:** In **July 2019**, CANEUS participated at the UN HLPF 2019 held at NY to advance preparations for the UN Climate and Indigenous Summit.

**Outcome:** CANEUS is leading the efforts to develop capacity building programs for the global Indigenous communities using emerging technologies, which impacts environmental protection and labour principles.

20. **Action 20:** In **August 2019**, CANEUS created a global Industry Consortium and patterned with UN Indigenous Forum to develop and launch "A Global Initiative to improve living conditions for Indigenous Populations using space technologies"

**Outcome:** Prevents discrimination of all kinds and ensures equality. Indigenous and northern communities in Canada are particularly vulnerable due to factors such as remoteness and inaccessibility, climate, aging, inefficient infrastructure, and reliance on fossil fuels.

21. **Action 21:** In **September 2019**, CANEUS was invited to participate in the UN Climate Summit and contribute to the UN Indigenous Summit.

**Outcome:** The Global Indigenous initiative led by CANEUS help address the gap contributing to the human rights area, labor and environment.

22. **Action 22:** In **October 2019** Representatives of CANEUS Europe and CANEUS USA led the efforts and Earth day presentation at COP25 Chile held at Madrid.

**Outcome:** The initiative would support and contribute to concrete actions to implement Human Rights policies.



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23. **Action 23:** In **November 2019** CANEUS partnered with GEO (Group on Earth Observation, an Intergovernmental Organization) to undertake GEOHack19 held on November 2-4 in Canada and in Canberra, Australia.

**Outcome:** The goal of the hackathon was to understand how indigenous communities could utilise free satellite images to build adaptive capacity to climate change.

The challenges of the hackathon were co-designed with Indigenous youth and their Elders living in the world's most wild and threatened ecosystems through a series of local "Indigenous Hackathons", to encourage the co-development of innovative applications that are locally relevant and enhance the community's way of learning.

24. **Action 24:** In **December 2019:** CANEUS partnered with UNCTAD Geneva to jointly undertake MPMF at the upcoming 2020 Session of the United Nations Commission on Science and Technology for Development UN-CSTD.

**Outcome:** The MPMF contributes to the UN trade and development agenda, particularly addressing the industry labour, governance and environment principles.

25. **Action 25:** In **January 2020** CANEUS in partnership with US and UK industry groups created a new subsidiary company in Canada to develop a novel hyperspectral remote sensing capability to support the agriculture farmers and Indigenous land management.

CANEUS has also partnered with GEO, NASA, Conservation International and Indigenous Intergovernmental organization – FILAC, to develop related capacity development training program for presentation at HLPF 2020 in NY.

**Outcome:** The Indigenous communities in Canada and worldwide faces significant problems with their land management and resources due to lack of necessary labour and levels of corruption.

This initiative is planned to implement in Saskatchewan, Alberta and Quebec for year 2020 to deliver measurable results.

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