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Ensuring the rights of future generations through enhancing the meaningful participation of children and youth in decision-making is non-negotiable in creating a just, green, and peaceful future.

Chapter I. Sustainable development and financing for development

Incentivizing Green Project Companies

Encourage expedited implementation of CO2 reduction initiatives by offering tax incentives to companies actively supporting such projects. Consider revising tax policies to reward these companies with reduced tax liabilities, providing a tangible benefit that accelerates their engagement in sustainable practices.

Establishment of Transparent Climate Action Funds

Governments must establish dedicated climate action funds, ensuring transparency in fund allocation and monitoring mechanisms. A clear framework to allocate and oversee these funds is vital to effectively achieve the Sustainable Development Goals (SDGs) related to climate action.

Alignment of Financial Strategies with SDGs

Encourage organizations to align their financial strategies and investments with the SDGs. By fostering a conscious effort to direct financial resources towards sustainable development initiatives, entities can contribute significantly to achieving global sustainability targets.

Increasing Funding for Youth Initiatives

The current thresholds for accessing finance are too high for young people, who have not had a chance to develop the necessary capital that is required, but who also have actionable ideas and the networks to implement them. Ensuring more access to funding for youth initiatives for peace, climate, and sustainability will have a great return on investment.

Fostering Collaborative Ecosystems

Encourage collaboration and partnership among government bodies, private sector entities, and academic institutions. Promote mutual support, knowledge exchange, and joint initiatives that leverage the strengths of each sector to drive meaningful progress towards sustainable development.

Advocacy for Holistic Sustainability Measures

Emphasize the importance of adopting comprehensive sustainability measures that encompass environmental, social, and economic aspects. Encourage the integration of these dimensions into policies and practices to ensure holistic and enduring development.

Capacity Building and Education

Prioritize education and capacity building initiatives across sectors to enhance understanding and implementation of sustainable practices. Empowering individuals and organizations with

knowledge and skills is fundamental for widespread adoption of sustainable development strategies.

Innovation and Technology

Encourage the development and adoption of innovative technologies that facilitate sustainable practices. Support research and development efforts aimed at creating scalable solutions for environmental conservation and responsible resource utilization.

Evaluation and Reporting Mechanisms

Implement robust evaluation and reporting mechanisms to track progress towards SDGs. Regular assessments and transparent reporting mechanisms will ensure accountability and guide future strategies for sustainable development.

By refining these recommendations, the Summit can provide actionable insights and strategies to catalyze sustainable industrial change and financing for development, fostering a collective commitment towards a more sustainable future.

Chapter II. International peace and security

- Recognize that the climate crisis is creating systemic insecurity, including food and health, and that people's right to live in a healthy environment is being compromised;
- Increase knowledge on the various insecurities faced by people today, including media and digital security, and promote campaigns to improve people's literacy on these issues;
- Increase funding for the implementation of the Youth Peace and Security Agenda across the world and support youth organizations in designing and implementing effective campaigns on peace and security in their communities;
- Support programs and scholarships, such as the UNODA Youth4Disarmament and Peace Scholarship initiatives further in order to nurture the next generation of young professionals in the security field.

Chapter III. Science, technology and innovation and digital cooperation

Governments worldwide need to establish holistic support mechanisms to generate new science and innovations that foster the implementation of the Sustainable development goals and address climate change risks. To achieve this, partnerships between policymakers, innovators, and higher education institutions can serve as catalysts for taking interdisciplinary approaches to combat climate change while promoting innovations and technologies.

Innovation in the Renewable Energy Sector:

- Investing in the generation and utilization of clean energy solutions and integrating Machine Learning (ML) and Artificial Intelligence (AI) into this industry can help identify power fluctuations and rectify them beforehand;

Innovations in Waste Management:

Cities need to take progressive action on waste management by investing in innovations for the reduction of the resource use and recycling of waste. Initiatives include:

- Investing in generation new method to design environmentally friendly production technology that optimizes the use of materials and cut the energy consumption;
- Adopting AI-operated trash bins for public use that monitor trash automatically and sort recyclables;
- Implementing solar-powered trash compactors for residential and commercial uses to increase bin capacity, reduce waste collection truck travel, and improve efficiency;

- Enforcing waste recycling in the construction, and manufacturing and service industries, by offering city tax incentives based on the tons of recycled waste, or imposing fines if not follow the regulation;
- Encouraging citizens to recycle their waste from an early age through the education curriculum and incentivizing them with tokens, such as transportation passes, based on the amount of recycled trash;

Innovation in the Education sector:

- To eliminate educational disparity and illiteracy disproportionately, education ministries need to take substantial action in collaborating with innovators supporting the integration of AI-driven learning initiatives;
- Support invention of personalized learning bots that can help students with disability with tailored educational content and address teachers' shortage in remote areas;

Innovation in the Health sector:

Governments needs to fund research and development of biotechnology and medical innovations to make healthcare services more accessible and efficient to address disparities experienced by marginalized groups; people with disability and those are in isolated regions. For instance, collaborating on invention of new technologies allow early diagnosis of potential epidemics and make remote treatment and surgical operations available.

To achieve above mentioned initiatives, we advise developed countries, that are responsible for the large portion of CO2 emissions, to share their technological know-how for developing world to help them mitigate the climate change risks.

Innovations and Technology in Air and Water Pollution:

- Utilizing machine learning and AI to gather real-time data on air and water pollution, track pollution sources, and take tailored measures to minimize its impact is essential;
- Governments and research institutions must collaborate to develop outer space innovation and satellite imagery to collect data regarding ocean plastics, and harm to marine life, such as the spread of invasive species and diseases. As well it can help monitor ocean dynamics, and take preventive actions against natural disasters like flooding or tsunamis;
- Incentivize the development of water reuse and circularity technologies to recycle wastewater, save clean water, and make it more accessible.

Innovations in Agriculture:

- Incentivizing the development of new sciences such as AI in agriculture to monitor soil moisture levels, temperature, and optimize production, and resource management is essential. Through such innovations, potential diseased crops, inefficiency in resource use in farming sector can be identified and prevented;
- The use of satellite imagery and machine learning can prevent pastureland degradation, inflammatory diseases can be prevented;

Innovations in the Education Sector:

- To eliminate educational disparities and illiteracy, education ministries need to collaborate with innovators supporting the integration of AI-driven learning initiatives;
- Supporting the invention of personalized learning bots that can help students with disabilities by providing tailored educational content and addressing teacher shortages in remote areas is crucial;
- Provide budget for create experiential learning environment with modern technologies in rural areas' schools specifically in subject like chemistry, biology, computer science, art;
- Support integration of virtual reality and augmented reality in schools to help students to make informed decision about their prospect majors.

Innovation in the Healthcare Sector:

- Governments need to fund research and development in biotechnology and medical innovations to make medical services more accessible and efficient, addressing disparities

experienced by marginalized groups, such as people with disabilities and those in isolated regions. This includes making early diagnoses of potential epidemics and conducting remote screenings and surgical operations;

To achieve the above-mentioned initiatives, we advise developed countries the following:

- Share their technological know-how with the developing world to help mitigate climate change risks;
- Commit to more funds to innovation and technology to be funneled to developing countries;
- Ensure collaboration with developing countries in their scientific and innovative pursuits, especially in high tech fields such as outer space and nano technology. For example, on all large scale projects, NASA should partner with a developing country, to send both nations to space as well as share their learnings;
- Increase funding for young researchers and youth innovations for SDGs.

Chapter IV. Youth and future generations

Understanding the pivotal role that informed decisions play in shaping the futures of young individuals, it is crucial to provide comprehensive support systems within and outside of educational systems to aid children and youth in developing their full potential. Below are recommendations to increase youth skills and prepare them for decent employment:

Enhanced Exposure to Professions through Internships

Encourage high schools to incorporate structured internships into their academic curriculum. These internships should be regulated to provide students with hands-on experience in their chosen fields. Such exposure is invaluable in helping them make informed decisions about their future careers.

After-School Programs Aligned with Career Exploration

Introduce mandatory after-school programs that align with career exploration. These programs should offer diverse activities related to various professions, enabling students to explore and gain insights into different fields of study and work.

Professional Mentorship and Career Guidance

Establish mentorship programs led by professionals actively engaged in their respective fields. Such mentorship initiatives will offer personalized guidance and advice to students considering different career paths, aiding them in making informed decisions about their majors and professions.

Integration of Professional Development in Curricula

Incorporate elements of professional development into the academic curriculum through integrating real-world case studies, industry-related projects, and career-oriented courses, students can acquire practical skills and knowledge crucial for their chosen professions.

Exposure to International Perspectives and Opportunities

Advocate for programs that offer exposure to international perspectives and opportunities related to various professions. Participation in international events, exchange programs, or global initiatives will broaden students' horizons and help them understand the global dimensions of their chosen fields.

Creating more opportunities for children and youth to meaningfully participate in decision-making is crucial. Thus we recommend the following:

- Ensure each country delegation to UN conferences such as UNFCCC, UNCBD etc has at least 1 youth representative and for them to actively participate in negotiations.

- Countries to establish mechanisms for meaningful youth participation in policy and decisions through for example national youth climate councils and engage them effectively.
- Adequate funding should be allocated from state budgets to the development of youth and for their meaningful participation in decision-making processes.

Chapter V. Transforming global governance

With a focus on improving ESG worldwide:

- Mandate corporate reporting on ESG (Environmental, Social, and Governance) and sustainable supply chain management to enhance the transparency of corporations and their supply chains in environmental practices and promote climate action;
- Strengthen government monitoring and evaluation of the environmental impacts of heavy and light manufacturers;
- Improve the policy environment for initiatives such as Extended Producer Responsibility in the manufacturing sector to incentivize pollution reduction;
- Mainstream sustainable manufacturing among businesses and promote its benefits, including sustainable financing, incentives, and risk reduction;
- Recognize and promote top initiatives from both the business and nonprofit sectors that comply with sustainable practices;
- Establish a friendly environment for ESG and sustainability verification and auditing mechanisms, supporting capacity building for related stakeholders, such as certification bodies;
- Hold companies in countries with the fastest-growing economies, emitting the highest greenhouse gas emissions, accountable, and consider their ESG commitment more than just a hollow slogan;
- Enhance incentivizing mechanisms for enterprises implementing sustainable practices, such as recycling waste and reducing emissions;
- Develop sector-specific standards and benchmarks aligned with the SDG Finance Taxonomy to support ESG data calculation and verification by governments.