

Priority Items

Challenges:

We acknowledge the priorities presented by the G20 related to Climate, Energy, Sustainability, and the goals of the Paris Agreement. However, we call for more inclusivity to include the full spectrum of issues facing the planet.

Policy recommendations:

The following policy recommendations are to highlight what needs to be done without diving into the implementation process as the challenges of implementation differs depending on many variables such as the geographical location and the respective laws of the implementing country(s), thus, the method of implementation will be left to the relevant country and bodies that are tackling the aforementioned challenges.

1. We realize that **desertification and land degradation** is a global issue due to deforestation, improper agriculture and human activities. Hence, we call for the following:
 - a. Delivering an international agreements and objectives to protect biodiversity, by elevating the protection and restoration of Earth's high integrity, relatively stable carbon-rich ecosystems, and preventing further fragmentation and damage (C20 2019).
 - b. Encouraging investment in Vertical Agricultural solutions to reduce the impact on land and water resources.
 - c. Ensuring long-range planning and collaborative governance by reducing unnecessary land use and Brown-fields redevelopment (remediation and rehabilitation of degraded land).
2. We acknowledge the importance of realizing the United Nations SDGs to develop **sustainable cities and communities** to ensure a resilient and sustainable future. Thus, we call for:



- a. Developing the required infrastructure to support the implementation of waste management systems and recycling modes of operations in municipal activities to achieve SDG 11.6.
 - b. Developing capabilities with innovative and sustainable solutions to desalinate and extract water to achieve SDG 6.A.
 - c. Increasing water-use efficiency by implementing effective Grey Watering Systems (GWS) in urban areas to achieve SDG 6.4.
 - d. Encouraging the adoption of new building codes that utilizes green building technologies to reduce the stress on the environment's resources.
 - e. Raising awareness by launching innovative initiatives that utilizes mass-thinking.
 - f. Embedding Environmental and sustainability topics in curriculums and education system.
3. We believe that an important factor to achieve sustainability is by developing an effective framework of overall **Sustainable Management (SM)** which incorporates environmental, social, and economic factors to all management practices. As such, some of many items of SM that we call for are:
- a. Developing awareness programs for businesses and industries which involve aspects sustainable practices and operations.
 - b. Developing a framework for incentivizing businesses and industries which prioritize those who are implementing sustainable practices and operation for bids and projects after passing technical and financial requirements.
 - c. Developing a process that allow the emergence of innovative solutions to mitigate and resolve the impact on climate and environmental issues.
 - d. Developing and implementing a framework in addition to a legal mechanism for Anti-Dumping of food with the aim of limiting the overconsumption of land resources.



- e. Ensuring that transitioning to sustainable energy is part of the overall energy strategy by introducing renewable and clean energies as well as enhancing efficiencies throughout the energy system.
 - f. Ensuring that regulations are well-developed and cross-through to relevant stakeholders to ensure sustainable development.
 - g. Developing environmental and sustainability requirements that should be embedded to the industrial and business licensing and permits.
4. We acknowledge the importance of **responsible consumption and production** due to its great impact on our ecosystem's stability. Thus, we call for:
- a. Ensuring the efficient and effective use of resources.
 - b. Reworking the supply chain of general goods to serve multiple streams instead of a singular product to increase the efficiency on resources and reduce consumption.
 - c. Recognizing the textile and clothing industry pollution and consumption of natural resources and develop strategies to motivate Eco-conscious buying of clothes and textiles.
 - d. Adopting textile recycling to help reduce consumption and manufacturing pollution.
 - e. Introducing regulation to target and restrict animal testing and overconsumption of resources for general goods.
5. We realize the consequences of **climate change** and acknowledge the importance of developing and implementing the climate actions initiated by the United Nations SDGs to prevent and mitigate climate change risks. Therefore, we call for the following:
- a. Offsetting GHG emissions through innovative reforestation initiatives in order to decrease the carbon footprint via natural means.
 - b. Decentralizing energy production especially in infrastructure that is located in remote areas by implementing renewable energy sources to



reduce diesel refilling for generators which would reduce carbon emissions.

- c. Developing and implementing a usable infrastructure for corporations based on the circular carbon economy concept.
- d. Holding corporations accountable for their carbon emissions while directing them towards more innovative solutions for carbon waste management.
- e. Investing in lab-grown meat technologies research and development as a potential sustainable alternative to traditional meat to achieve SDG 13.2.

