



Committee: United Nations Development Programme

Agenda: Production of Sustainable Biomass Energy

Country: Germany

As Germany, we are aware of the importance of sustainable biomass energy in achieving global energy transition goals. As a nation committed to environmental sustainability, we recognize the potential of biomass energy in so many global issues such as; reducing greenhouse gas emissions, which causes climate change, waste management, rural development, circular economy and support for agriculture. We believe biomass energy should be a must for the nations which are developing and facing with environmental issues. Because biomass energy have the ability to reduce waste products while generating energy simultaneously.

As Germany, we acknowledge the significance of sustainable biomass energy. Therefore, we have done many things to use, produce and incentivize biomass energy. For producing biomass energy; we supported, with private institutions and industry stakeholders, research and development in the field of biomass energy which includes improving the efficiency of biomass conversation technologies and finding innovative ways to use biomass sustainably, we have invested significantly in the production of biogas from organic materials such as agricultural residues, organic waste, and dedicated energy crops. To increase the usage of biomass energy, we have implemented a successful feed-in tariff system that provides incentives for renewable energy producers, including those utilizing biomass and this policy guarantees fixed prices for the generated renewable energy over an extended period, making it financially attractive for investors to

engage in biomass projects, our biomass facilities started to use combined heat and power systems, which maximize the energy output by simultaneously producing electricity and utilizing the waste heat for heating purposes, as a result, overall energy's efficiency is being enhanced. To incentivize biomass energy, we have organised community energy projects in order to encourage the participation of local communities in renewable energy projects, including biomass; Germany's Renewable Energy Act, or Erneuerbare-Energien-Gesetz (EEG), has been instrumental in promoting the use of various renewable energy sources, including biomass; the EEG sets targets for the share of renewable energy in the overall energy mix and provides a regulatory framework for the integration of biomass into the energy system.

As a responsible and supportive member of this committee, we aim to contribute significantly to the global transition towards a more sustainable energy future and we believe collaborating with other nations will have so many good aspects in this topic. We are deeply committed to working collaboratively within the UNDP committee to address the challenges and opportunities associated with the production and usage of sustainable biomass energy.

References:

<https://news.un.org/en/story/2021/09/1100712>

<https://news.un.org/en/story/2018/04/1007842>

<https://news.un.org/en/story/2017/04/554872>

<https://www.statista.com/statistics/737705/energy-mix-biomass-germany>