



Committee: United Nations Development Programme

Agenda: Production of Sustainable Biomass Energy

Country: Kingdom of Norway

Delegate: Güneş Yıldırım

Our world is getting dirty by the greenhouse gases such as Carbon Dioxide (CO₂). When we use the fossil fuels we increase greenhouse gas emissions. However they hold heat and make the planet warmer. This causes the climate change. If we want to make it stop we need to use more sustainable biomass energy. Biomass energy is a form of renewable energy derived from organic sources. There are some sustainable biomass energy sources, for example: Forest Biomass, Agricultural Biomass, Algal Biomass, Municipal Solid Waste, Animal Wastes, Energy Crops, Aquatic Biomass and Residues and Waste Products. Biomass energy can be used for heating, electricity generation and transport fuels.

As Norway, we think that sustainable biomass energy production has lots of advantages and should be produced. We will need to employ many economic, technological, political and social strategies in order to achieve our emissions reduction goals. Among these strategies is an increase in bioenergy production. We set a goal in 2008 to nearly double our bioenergy production levels by reaching 100 PJ of bioenergy production by 2020. The bioeconomy has the potential to not only lead to technological and economic change, but also helps reduce the carbon footprint (including carbon dioxide and methane). While the average carbon footprint for a person in USA is about 16 tones, it is 7.7 tones in our country which is way more lower.

For developing our country and for the importance of production sustainable biomass energy: Firstly, we want to reduce the amount of non-renewable energy transfer by raising people's awareness. Forests are covering 37% of our country's lands. Therefore, our most useful place to produce sustainable biomass energy is our forests. Approximately 50% of a healthy tree will become lumber products, 30% will be used for paper and pulp, and the remaining 20% will be used for energy productions. Our woody biomass is used in generating heat with the largest contributors to heating being firewood. In addition to that, there are more of these energy production ways that our country promotes. We want to continue these energy productions. Lastly, we want to build power plants and give people job opportunities there as an employee. This will reduce unemployment in the country as well.