

**Conference:**TEDUTRAIN’23

**Committee:**UNDP

**Topic:**Production of Sustainable Biomass Energy

**Country:**United Kingdom of Great Britain and Northern Ireland

The United Kingdom participates in the United Nations Development Program to increase the usage of biomass energy and to reduce reliance on fossil fuels. Biomass energy is a renewable, environmental friendly energy source that is generated from organic sources. What differs biomass from other renewable energy sources is that biomass can be used for all three energy sectors. Which are transportation, heat and electricity.

The United Kingdom has made significant changes for biomass sustainability. The government has made massive investments in low carbon technologies. Also our government published The Biomass Strategy in August 2023.It involves objectives about net zero and how biomass is going to help us achieve it. United Kingdom is the sixth most biomass using country in the world.

In the United Kingdom biomass is already a key energy source that is used up to 11% of the total electricity supply in 2022.The government believes that biomass is an essential factor at mitigating climate change. Which is why we believe that our people should be educated about the advantages of biomass. We take into consideration that harvesting some biomass sources may have harmful impacts on the environment but we suggest to use these sources with scientists so we expect to give the least harm possible.

In conclusion, the United Kingdom emphasizes the importance of sustainable biomass energy and hopes to find effective solutions that will help our world.

**Sources:**

* <https://en.wikipedia.org/wiki/United_Kingdom>
* <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1178897/biomass-strategy-2023.pdf>
* <https://energysavingtrust.org.uk/advice/biomass/#:~:text=Biomass%20is%20a%20renewable%20energy,as%20manure%20or%20household%20waste>.
* <https://www.nao.org.uk/work-in-progress/the-governments-support-for-biomass/#:~:text=In%20August%202023%2C%20the%20government,government's%20commitment%20to%20biomass%20sustainability>