

**Commitee:** The United Nations Development Programme

**Agenda:** Production of Sustainable Biomass Energy

**Country:** Ukraine

Biomass energy is the energy stored in organic sources for various purposes. Such as; fuel,industrial production,producing heat and other forms of energy. Biomass energy is renewable, reliable, and carbon-neutral, and it helps reducing waste. Biomass differs from fossil-fuels with biomass being environmentally friendly. We believe that, for a cleaner world biomass energy usage should be considered more.

Over the past years, Ukraine has been recognised as a critical player in the consolidation of bioenergy in Europe. Bioenergy Association of Ukraine” (UABio) was set in 2013 as a nonprofit civic union .We currently have 42 leading companies, 11 individuals,18 bioenergy experts and the State Register of plant varieties suitable for dissemination in Ukraine includes: 375 species of botanical taxons and 13,790 plant varieties.

In a forum event , organized by the Energy Community , the public union “Global 100RE Ukraine” and the Bioenergy Association of Ukraine, energy investment companies, energy traders , international financial establishments took place. The event described the condition of the biomethane and green hydrogen sectors in Ukraine. Particularly, legal and legislative norms, as well as strategic and political plans.

The prevailing trend appears to favor biogas and solid biofuels production, which require modest investment, and so represents more and readily implementable options to support Ukraine in reducing dependency .

We show great interest in using biomass for renewable energy.Ukraine has defined a target of sourcing 25% of its total energy mix from renewables by 2035. The current share of energy generated from renewable energy sources (RES), wind, solar, biomass, biogas, and small hydro, including big hydropower projects over 10MW.

We would suggest using small-scaled heating systems. Another idea is we can put some container systems to the houses so that people can produce and use biomass energy even from their houses. We can also put some panel to the sidewalks and the parks -placed under the ground- so whenever an organic residue falls on the ground, we can produce biomass energy and transfer it to the biomass energy production factories.

References:

<https://www.etipbioenergy.eu/bioenergy-in-ukraine-updated-country-fact-sheet>

<https://uabio.org/en/about/>

<https://www.energy.gov/sites/prod/files/2015/07/f24/biomass_basics.pdf>

<https://www.trade.gov/market-intelligence/ukraine-renewable-energy-market#:~:text=Ukraine%20has%20set%20a%20goal,over%2010MW%2C%20is%20comparatively%20small>.