

## Bioenergy in the EU - current state and projections for the future

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### Abstract

The EU is the first major economy which declared the binding target of reaching climate neutrality by 2050. Achieving this target requires the comprehensive economic transition marked by the rapid phase down of fossil fuels and redesign of the entire economic system. While in general, the importance of the renewable technologies is primordial to obtain these goals, the situation of bioenergy is more complicated. On the one hand, bioenergy is the main source of the renewable energy in the EU, particularly important for the decarbonisation of the hard-to-abate sectors like heating and transport. On the other, the future of the bioenergy sector will depend on its sustainability performance, which currently is becoming a highly debated political issue in Brussels. In my presentation I will focus on the current share of the bioenergy in the energy mix of the EU, its competitiveness via other clean solutions and growth trajectories based on national planning and EU modelling. In the second part I will focus on the key policies and legal acts which will shape the future regulatory framework and determine the regulatory environment for bioenergy, deciding upon the future development of the bioenergy sector.

### Biography:

Michał Długosz is currently working as a policy officer in a renewable energy association - Bioenergy Europe. He is responsible for policy files related to the competitiveness of renewable energy in the EU and the contribution of bioenergy to power generation. On a daily basis, he monitors and reports on political, economic and legislative processes relevant for energy companies. He has been also engaged in the design and implementation of advocacy and public affairs activities in Brussels. He is interested in the social, political and economic aspects of just energy transition towards greener and more sustainable economy.

### Publications:

1. Cross-border energy cooperation in Central Europe. Towards flexible, secure and sustainable regional energy markets.
2. Energy innovations in Central Europe. Developments, challenges and the way forward.
3. Brussels and Nord Stream 2. Intergovernmental agreement - the way out of a deadlock?

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