

IEA Bioenergy

WEBINAR SERIES

Future Prospects for Wood Pellet Markets

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4:00 pm - 5:00 pm Central European Time
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Presentation Summary

Wood pellets are well-established in residential heat and large-scale industrial (power) markets, and existing supply can deliver wood pellets at reasonable prices. Yet, given the competition with other renewables (solar, wind), and building efficiency in the longer-term, wood pellet markets are under price pressure, and actually could shrink in the near future, especially for co-firing in powerplants.

The report showed that:

- further technology development can **reduce wood pellet costs** along (international) supply chains significantly, and
- can **broaden the feedstock base to low-cost material** (e.g. bagasse, wood wastes), while
- torrefaction can, compared to traditional white pellets, improve energy, GHG and cost performance of long-distance supply, allowing for widespread applications.

In case studies, future options for pellets were explored (high-temperature industrial heat, steelmaking, BECCS/U), and it was shown that potential exists there, allowing to help achieving the Paris Agreements and the SDGs, especially if adequate CO2 prices are introduced in energy markets.

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