

# Expert workshop on Development of torrefaction technologies and impacts on global bioenergy use and international bioenergy trade

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**IEA Bioenergy**

**Task 32: Biomass Combustion and Cofiring**

**Task 40: Sustainable International Bioenergy Trade**



# International Energy Agency

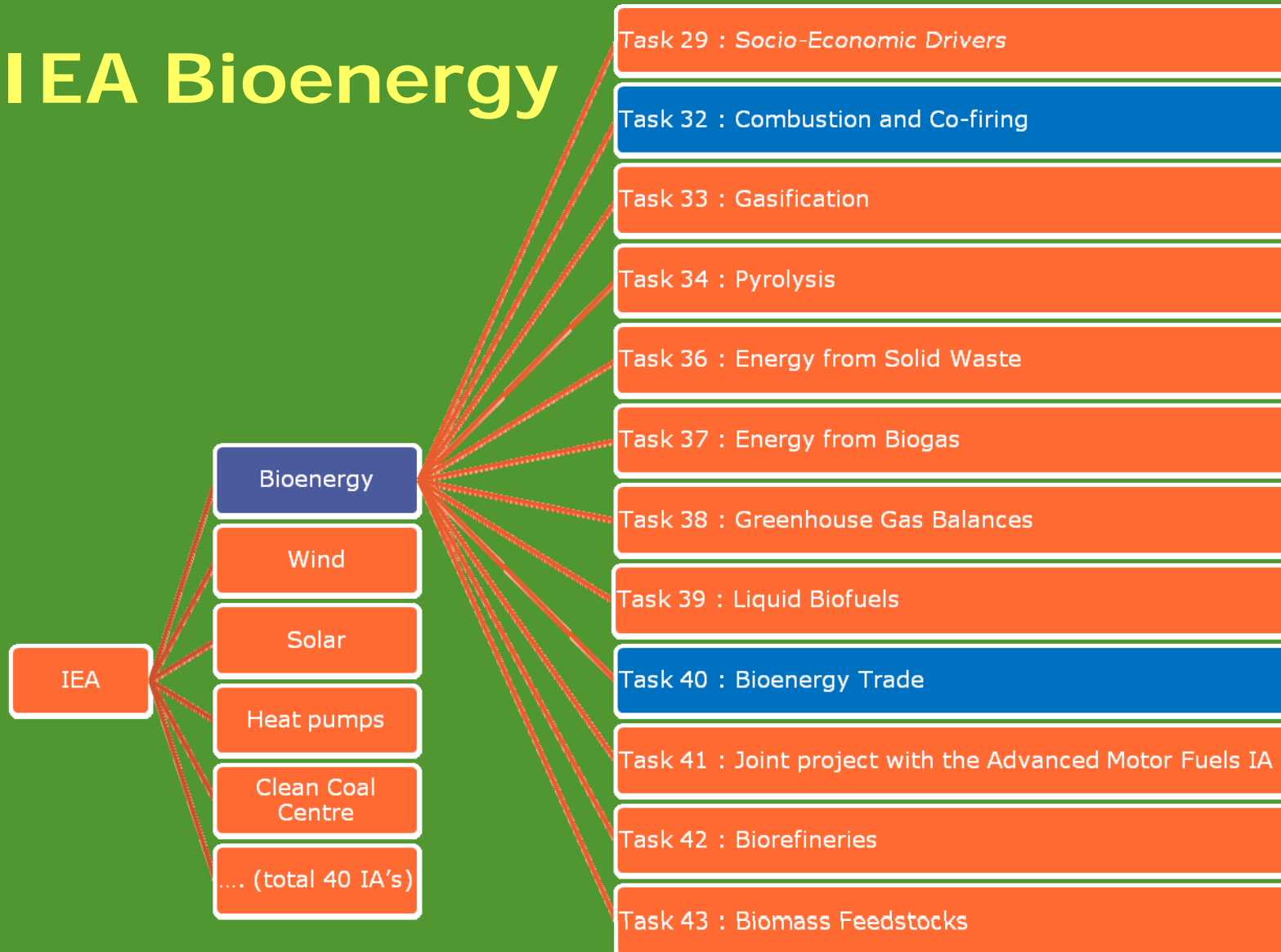
- The IEA was launched under the OECD to implement an international energy programme in response to the oil shocks.
- Activities are directed towards collective energy policy objectives of
  - energy security,
  - economic and social development, and
  - environmental protection.
- Activities are set up under Implementing Agreements. There are 40 active Implementing Agreements.



Aerosols from small-scale biomass combustion plants

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# IEA Bioenergy Task 32: Biomass Combustion and Co-firing

- **Experts from 13 countries:**  
Austria, Canada, Denmark, Finland , Germany, Ireland, Italy, Netherlands, Norway, Sweden, Switzerland, Turkey, United Kingdom
- **Working together in:**
  - Cooperative projects
  - Meetings, Workshops, Conferences, Excursions
  - Cooperation with other Networks
- **Reports (also from today) can**
- **be found on**  
[www.ieabioenergytask32.com](http://www.ieabioenergytask32.com)



Aerosols from small-scale biomass combustion plants



# Aspects to cover today

- Fundamentals of torrefaction
- Main advantages
- Challenges in producing torrefied biomass.
- Ongoing R&D activities and state of science
- Demonstration plants under construction or already in operation
- Possible implications for international bioenergy trade



Biomass Combustion and Cofiring

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