

IEA Bioenergy

Task 43

<http://task43.ieabioenergy.com/>

Task leader: Ioannis Dimitriou, SLU



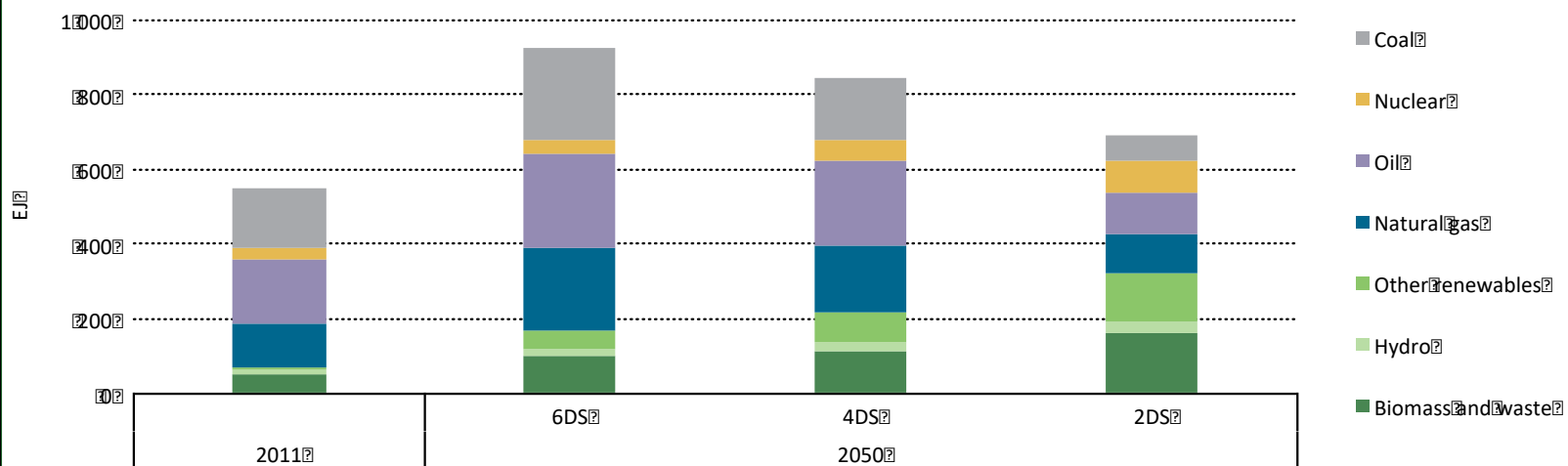
## Biomass feedstocks for energy markets



IEA Bioenergy, also known as the Technology Collaboration Programme (TCP) for a Programme of Research, Development and Demonstration on Bioenergy, functions within a Framework created by the International Energy Agency (IEA). Views, findings and publications of IEA Bioenergy do not necessarily represent the views or policies of the IEA Secretariat or of its individual Member countries.

# Bioenergy

- *significant scope to make a greater contribution to secure a sustainable energy provision*



## Global modelling results - Total primary energy supply

# Central question of Task 43

How to go from today's *ca.* 50  
to *ca.* 200 EJ/yr in 2050?

WP1 - Landscape management and design for bioenergy and the bioeconomy

Leader:  
Göran Berndes  
(Sweden)

Technology learning and efficiency improvements drive changes in the land use matrix and needs for new landscape designs

Policy and stakeholder decisions on changes in land use and land management affect biomass availability

Sustainability requirements set a framework for landscape design

Adapted landscape management and design directs governance and adds to its legitimacy

Increased demand for biomass increase the need for regulatory requirements

WP2 - Developing Effective supply chains for sustainable bioenergy deployment

Leader:  
Mark Brown  
(Australia)

WP3 - Governing land-use and bioenergy supply chains

Leader:  
Tat Smith (Canada)/  
Hans Langeveld (The Nether)

Regulatory requirements affect supply chain design, costs and risks

## **ADMINISTRATIVE TASK 43 INFORMATION**

- Operating Agent: Åsa Forsum (Sweden)
- Task Leader: Ioannis Dimitriou (Sweden)
- Work Package Leaders:
  - Göran Berndes (Sweden)
  - Mark Brown (Australia)
  - Hans Langeveld (The Netherlands)
  - Tat Smith (Canada)
- National Team Leaders:
  - Mark Brown (Australia)
  - Lucas Gossiaux (Belgium)
  - Tat Smith (Canada)
  - Biljana Kulišić (Croatia)
  - Inge Stupak (Denmark)
  - Antti Asikainen (Finland)
  - Jörg Schweinle (Germany)
  - Ger Devlin (Ireland)
  - Wolter Elbersen (Netherlands)
  - Bruce Talbot (Norway)
  - Gustaf Egnell (Sweden)
  - Thomas Schuler (USA)



# IEA Bioenergy Task 43

# Biomass Feedstocks for Energy Markets

## Welcome to the Home of IEA Bioenergy Task 43

*We support sound bioenergy development driven by well-informed decisions in the forestry, agriculture and energy sectors as well as in investment institutions and government agencies. We address critical issues for deployment of sustainable biomass and bioenergy supply chains, including social, economic and environmental outcomes of feedstock production and supply.*



### Announcements & Events

Letter concerning debate on Forests, Bioenergy and Climate mitigation. January 2018. To view letter click [here](#)

Bioenergy Australia PRE-CONFERENCE WORKSHOP –**Attractive Systems for Bioenergy Feedstock Production in Sustainably Managed**

