

# IEA Bioenergy

## Strategic Plan 2015-2020

*Facilitating commercialisation and market deployment of environmentally sound, socially acceptable and cost-competitive bioenergy systems and technologies*

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 Fachgespräch Bioenergieforschung  
 BMVIT; November 2014, Wien

IEA Bioenergy, established as the Implementing Agreement for members for a Programme of Research, Development and Demonstration on Bioenergy, functions within the Framework of the International Energy Agency (IEA). Views, findings and conclusions are those of the Implementing Agreement, and do not necessarily represent the views or policies of the IEA, Secretariat or of individual Member countries.



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#### FRAMEWORK

- Bioenergy's significant potential to contribute to future global energy demand
- Bioenergy's role in the transition to a low carbon economy
- Bioenergy's role in the emerging bio-based economy
- Bioenergy's intrinsic interlinkage with the growing demand for food, feed and fibre

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#### KEY DRIVERS

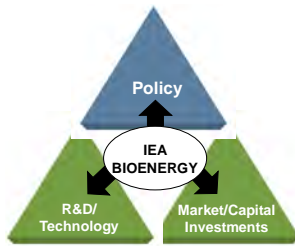
- Energy security
- GHG Emissions reduction
- Transition to a low carbon society
- Need for robust policy analysis
- Integration with natural gas
- Optimisation of the economic, environmental and social value of sustainable bioenergy

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#### KEY ROLE OF IEA BIOENERGY

- Independent body to give clear and verified information on bioenergy




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#### OBJECTIVES OF THE STRATEGIC PLAN

- 1 - to promote the market deployment of technologies and systems for sustainable energy production from biomass
- 2 - to raise public awareness through communication with key stakeholders for the use of biomass as an energy source and to provide clear and verified information on bioenergy
- 3 - to strengthen the outreach efforts of the Implementing Agreement to involve interested new member countries, industry and multilateral organisations
- 4 - to increase the dissemination of information



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#### THEMES FOR NEW TASKS / SPECIAL PROJECTS INCLUDE

- Micro- and macro-algae as novel biomass resources
- Solar fuels (artificial photosynthesis)
- Biomass with carbon capture and sequestration



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### FOCUS OF IMPLEMENTATION STRATEGY

- **Technology development and deployment through Tasks' programmes and ExCo engagement**
- **Strategic projects to address and resolve cross-Tasks' issues and broader topics**
- **Expanded and more effective collaboration with other international bodies**

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### ACTIONS SUPPORTING IMPLEMENTATION STRATEGY

- **Industrial engagement to ensure market relevance**
- **Communication of the benefits of bioenergy and Agreement outputs**
- **Strategic projects involving enhanced inter-Task collaboration**

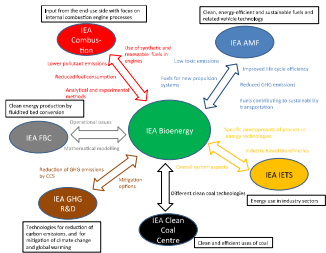


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### ACTIONS SUPPORTING IMPLEMENTATION STRATEGY

- **Collaboration with other IEA IA's**



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### ACTIONS SUPPORTING IMPLEMENTATION STRATEGY

- **Collaboration with relevant international bodies (FAO, GBEP, IRENA, etc.)**
- **Membership expansion, particularly in IEA non-member countries**



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Thank you

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**Meldungen für Tasks 2016-2018**

	32	33	34	36	37	38	39	40	42	43	Total
	Comb.	Gasif.	Pyrol.	Wast.	Biogas	Climate	Biofuel	Trade	Bioenf.	Feedback	
AUS					X		X		X	X	4
AUT	X	X									6
BEL	X							X			2
BRA					X	X	X	X			4
CAN							X		X	X	3
HRV										X	1
DNK											
FIN		X	X		X	X		X		X	6
FRA											
DEU	X	X	X	X	X	X	X	X	X	X	10
IRL	X				X				X	X	4
ITA		X		X				X	X	X	5
JPN	X										1
KOR					X		X				2
NLD	X	X	X				X	X	X	X	7
NZL							X		X		2
NOR	X	X	X	X	X	X	X	X	X	X	10
ZAF	X				X						3
SWE	X	X	X	X	X	X	X	X		X	9
CHE	X	X									3
UK					?						
USA				X	X		X	X	X	X	7
EC									X		2
Total	10	8	6	76	12	7	12	10	10	10	

**Workshop „Biomasse2020+“**  
**„Ernte, Aufbereitung und Logistik innovativer Biomasserohstoffe“**  
Wieselburg, 29. Jänner 2015

<b>Veranstalter</b>	<b>Methode</b>
<ul style="list-style-type: none"><li>Eco-plus, Technopol Wieselburg</li></ul>	<ul style="list-style-type: none"><li>Überblick über den Rahmen und den Stand der Entwicklung</li><li>Interaktiv Erarbeitung von Maßnahmenvorschlägen</li></ul>
<b>Ziele</b>	<b>Zielgruppe</b>
<ul style="list-style-type: none"><li>Chancen österreichischer Technologieanbieter steigern</li><li>F&amp;E-Aktivitäten zu am Technopol Wieselburg stärken</li></ul>	<ul style="list-style-type: none"><li>Stake Holder aus Betrieben, Wirtschaft, Politik und Verwaltung und Forschung</li></ul>
<b>Gegenstand</b>	<b>Nicht behandelt</b>
<ul style="list-style-type: none"><li>Verfahrensketten „von der Urproduktion bis zum Fabrikstor“</li><li>Rohstoffe von landwirtschaftlichen Flächen &amp; Kommunalfächen</li><li>Biomassen aus kaskadischer Nutzung</li></ul>	<ul style="list-style-type: none"><li>„Nasse Versorgungsketten“</li></ul>
	<b>Rückfragen</b>
	<a href="mailto:k.nagelhofer@ecoplus.at">k.nagelhofer@ecoplus.at</a> <a href="mailto:Manfred.Woergatterer@bioenergy2020.eu">Manfred.Woergatterer@bioenergy2020.eu</a>