

IEA Bioenergy in a Nutshell

Facilitating commercialisation and market deployment of environmentally sound, sustainable and cost-competitive bioenergy technologies.....

***Presentation at the IEA Bioenergy Conference 2012
Birger Kerckow, Agency for Renewable Resources (FNR)
Chair Executive Committee 2011/12***

IEA Bioenergy



Strategic Plan

Vision: To achieve a substantial bioenergy contribution to future global energy supplies by accelerating the production and use of environmentally sound, socially accepted and cost-competitive bioenergy on a sustainable basis, thus providing increased security of supply whilst reducing greenhouse gas emissions from energy use.



IEA Bioenergy

IEA Bioenergy's vision is to achieve a substantial bioenergy contribution to future global energy demands by accelerating the production and use of environmentally sound, socially accepted and cost-competitive bioenergy on a sustainable basis, thus providing increased security of supply whilst reducing greenhouse gas emissions from energy use.

IEA Bioenergy: ETCO: 2009:03

Strategic Plan 2010-2016

IEA Bioenergy.....

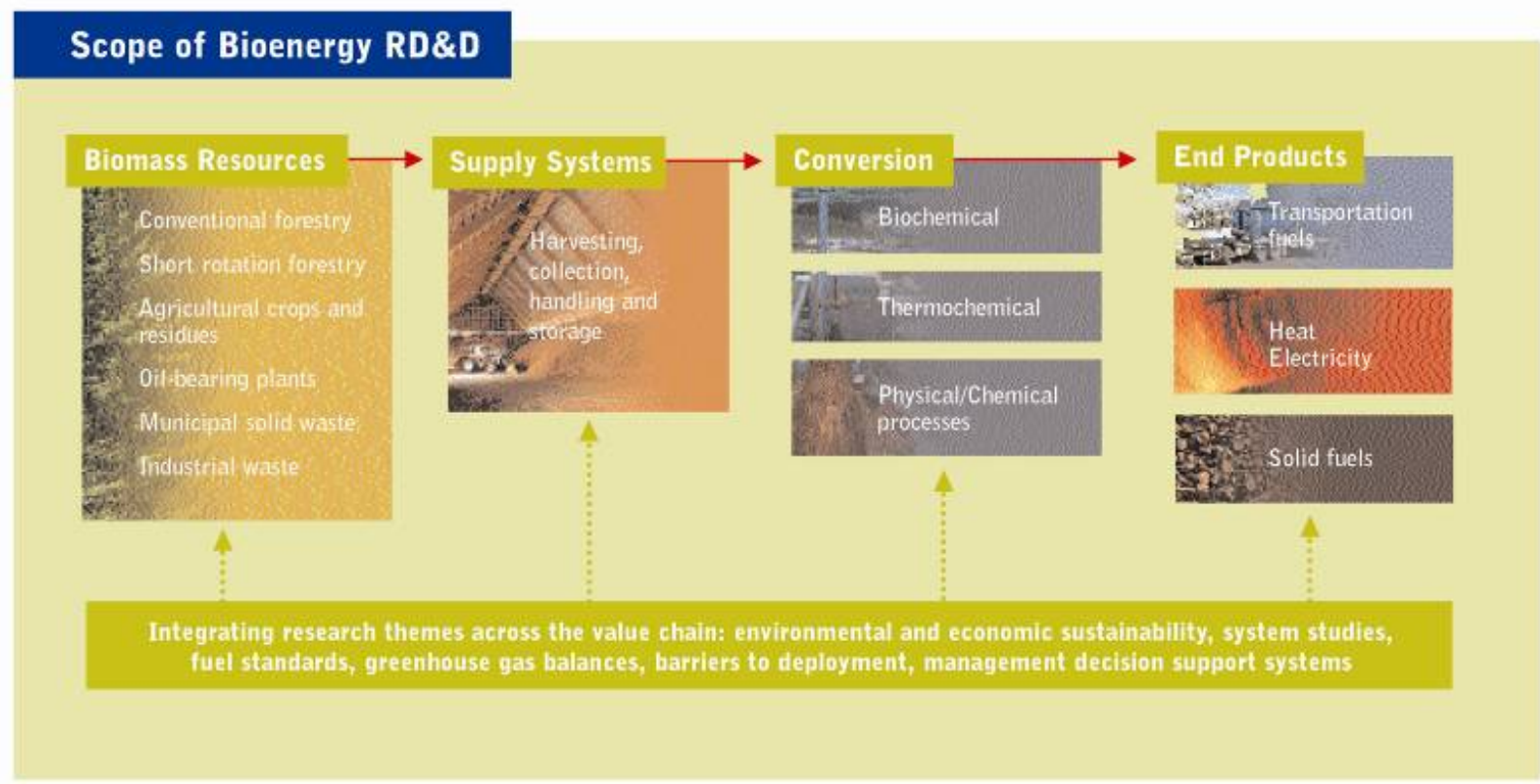
- Provides an international forum for sharing information and developing best practice on
 - Technology development
 - Non-technical barriers and issues
 - Regulatory and legislative issues
- Produces authoritative information on key strategic issues affecting deployment

24 Contracting Parties

- Australia
- Austria
- Belgium
- Brazil
- Canada
- Croatia
- Denmark
- European Commission
- Finland
- France
- Germany
- Ireland
- Italy
- Japan
- Korea
- Netherlands
- New Zealand
- Norway
- South Africa
- Sweden
- Switzerland
- Turkey
- United Kingdom
- United States

Bioenergy

- involves a range of feedstocks and technology options that can produce heat, power and liquid fuels*



Agreement Activities

Executive Committee

- Bi-annual ExCo meetings/management of the IA
- ExCo Workshops
- Annual report, newsletters, website
- Strategic Position Papers

Tasks

- Coordination of national RD&D programmes, information exchange and joint projects
- Task meetings, study tours and workshops
- Publications, reports, newsletters, websites
- Networking with industrial and other stakeholders

Summary

- IEA Bioenergy focus reflecting the development of modern bioenergy from research to deployment
- Technical tasks provide key global networks eg on gasification and pyrolysis
- Robust presence of IEA Bioenergy experts in sustainability debate: GHG, land use and climate change
- Excellent cooperation with IEA Headquarters eg on Roadmaps and Technology Perspectives
- Successful continuation expected for the next triennium!

Thank you!

www.ieabioenergy.com

Using a Life Cycle Assessment Approach to Estimate the Net Greenhouse Gas Emissions of Bioenergy

This strategic report was prepared by Mr. Neil Ford, Ibrahim Research, Austria; Professor Jozsef Csécsé, The National Centre for Rural Structures Gas Research, Austria; Dr. Francisco Cherián, Norwegian University of Science and Technology, Norway; and Dr. Gerrit Junginger, Joanneum Research, Austria. The report addresses the key technological aspects of the life cycle assessment (LCA) with respect to greenhouse gas (GHG) balances of bioenergy systems. It includes results of case studies, for some bioenergy supply chains in comparison to fossil energy systems. The purpose of the report is to produce an unbiased, authoritative assessment and especially as a reference, policy advisor, and policy maker.

IEA Bioenergy
IEA Bioenergy ETC 2010/10

Potential Contribution of Bioenergy to the World's Future Energy Demand

This publication highlights the potential contribution of bioenergy to world energy demand. It summarizes the wide range of biomass resources available and potentially available, the conversion options, and end-use applications. Associated issues of market development, international bioenergy trade, and competition for biomass are also presented. Finally, the potential of bioenergy is compared with other energy supply options.

IEA Bioenergy
IEA Bioenergy ETC 2010/02

Annual Report 2011
IEA Bioenergy

IEA BIOENERGY ETC 2012/01

IEA Bioenergy News

Bioenergy in the USA

Guest Editorial by Larry Russo, Former ExCo Member for USA

ETHANOL

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