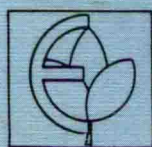


Commission of the European Communities



Third  
Biomass  
Development  
Programme

# **Energy from Biomass**

## **—1—**

Proceedings of the  
First Contractors' Meeting,  
Brussels, 29-30 April 1986

**Edited by G. Grassi and H. Zibetta**

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# ENERGY FROM BIOMASS 1

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29–30 April 1986

Edited by

G. GRASSI and H. ZIBETTA

*Commission of the European Communities,  
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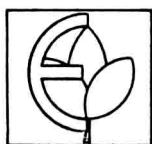
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## ENERGY FROM BIOMASS 1



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## ***Preface***

The Commission of the European Communities (Directorate-General Science, Research and Development—DG XII) is implementing a four-year (1985–1988) non-nuclear energy R & D programme for the development of renewable energy sources and, in particular, biomass.

This book presents the proceedings of the first meeting of contractors involved in the new biomass programme. It provides an overview of the Commission's future activity in this sector. Descriptions of the research programmes and preliminary results in the following specific areas were presented at this first contractors' meeting:

- production of biomass for energy and improvement of productivity;
- harvesting, transport, storage and drying of biomass;
- conversion of biomass (ethanol fuels, basic studies on biological conversion, thermal conversion).

More than 70 researchers attended the meeting; virtually all the most important research organizations in Europe, working on bio-energy technologies, are involved in the collaborative programme. Each of the 81 contractors (only two were absent) had the opportunity to briefly present an outline of his activities, including goals and possible milestones to be reached.

At the end of the meeting there was a general discussion concerning the state of the art in the six particular fields of interest: production of biomass, improvement of productivity, harvesting, biological conversion, pyrolysis, gasification and synthesis gas.

Short summaries, prepared by the respective chairmen, are included in this book.

The aim of such a meeting is to stimulate awareness of biomass as an energy resource and to encourage discussions to the benefit of future development. It is hoped that the programme will become a good example for the effectiveness of a European trans-national collaboration for large and complex research projects.

G. GRASSI

*Commission of the European Communities*

## Contents

<i>Preface</i> . . . . .	v
--------------------------	---

### REVIEW PAPERS

Production of biomass and improvement of productivity: forest trees . <i>E. Teissier du Cros</i>	3
---	---

Biomass production in agricultural land . . . . . <i>G. Gosse</i>	5
--	---

Ethanol fuels and basic studies on biological conversion. . . . . <i>J. Coombs and F. Parisi</i>	11
---	----

Gasification, synthesis gas production and direct liquefaction of biomass <i>A. A. C. M. Beenackers and W. P. M. van Swaaij</i>	15
--	----

### I. BIOMASS PRODUCTION AND IMPROVEMENT OF PRODUCTIVITY

Energetic cultivations production—mechanical crop of forestal biomass. <i>Ente Regionale di Sviluppo Agricolo (ERSA), Avezzano, Italy</i>	27
--	----

An assessment of the potentiality of satellite remote sensing of biomass forestry. Case study: the project Leben-Abruzzo . . . . . <i>Armines, Paris, France</i>	32
--	----

Investigations on short rotation forestry for energy . . . . . <i>Aberdeen University, Forestry Department, United Kingdom</i>	36
---	----

The production of energy from short rotation forestry . . . . . <i>An Foras Taluntais, Dublin, Ireland</i>	41
---	----

Biomass production for energy purposes from short rotation culture of coppice chestnut trees . . . . . <i>Comunità Montana dei Monti Cimini, Ronciglione, Italy</i>	46
---	----

Optimization of biomass production in short-rotation <i>Eucalyptus globulus</i> plantations . . . . .	50
<i>Instituto Superior de Agronomia, Forest Department, Lisboa, Portugal</i>	
Genetic improvement and modified conventional culture of forest trees for short term biomass production . . . . .	55
<i>Institut National de la Recherche Agronomique (INRA), Olivet, France</i>	
Poplar clones for short rotation culture . . . . .	60
<i>Dorschkamp Research Institute for Forestry and Landscape Planning, Wageningen, The Netherlands</i>	
Physiologie du peuplier et production à court terme de biomasse . . . . .	64
<i>Université Libre de Bruxelles, Laboratoire de Physiologie Végétale, Belgium</i>	
Photosynthetic potential, biomass production and energy conversion efficiency of fast growing poplar trees . . . . .	68
<i>University of Antwerp (UIA), Department of Biology, Belgium</i>	
Very short rotations of poplar coppices, physiological basis. Industrial valorisation of the total biomass . . . . .	73
<i>Université Scientifique, Technologique et Médicale de Grenoble, France</i>	
Development of a method for testing the susceptibility of salix to <i>Erwinia salicis</i> . . . . .	77
<i>Dorschkamp Research Institute for Forestry and Landscape Planning, Wageningen, The Netherlands</i>	
Experimental assessment of novel biomass systems using innovative mixtures including agroforestry and natural vegetation . . . . .	80
– <i>The Institute of Terrestrial Ecology (NERC), Natural Environment Research Council, United Kingdom</i>	
– <i>The Open University, United Kingdom</i>	
Biomass Perugia . . . . .	85
<i>Azienda Agraria Baldelli Celozzi, Italy</i>	
The potential productivity of C4 cordgrasses and galingale for low input biomass production in Europe. . . . .	90
<i>Trinity College, The University of Dublin, Ireland</i>	
The potential of C4 cord-grasses and galingale for low input biomass production in Europe . . . . .	95
<i>University of Essex, Colchester, United Kingdom</i>	



Lignocellulosic biomass production from annual energy crops . . . . .	100
<i>Fundación Universidad-Empresa, Madrid, Spain</i>	
Italian ryegrass as a source of fermentable sugars and protein feedstuff .	104
<i>An Foras Taluntais, Dublin, Ireland</i>	
Hybridization and seed production with Jerusalem Artichoke. . . . .	109
<i>Institut National de la Recherche Agronomique (INRA) Paris, France</i>	
Multilocal experimentation on Jerusalem Artichoke productivity . . . .	111
<i>Institut National de la Recherche Agronomique (INRA) Paris, France</i>	
Improvement of plant type and biomass productivity of <i>Helianthus tuberosus</i> L. . . . .	117
<i>Foundation for Agricultural Plant Breeding (SVP), Wageningen, The Netherlands</i>	
Biomass-energy cropping system . . . . .	121
<i>Institute of Agricultural Engineering, Royal Veterinary and Agricultural University, Frederiksberg, Denmark</i>	
Experimental cultivations of topinambour (Jerusalem Artichoke) for alcohol production . . . . .	127
<i>Tecnagro Association; Renagri Association, Rome, Italy</i>	
Research about sweet sorghum ( <i>Sorghum bicolor</i> ) . . . . .	131
<i>A. Biotec, Forlì, Italy</i>	
Improvement of waterhyacinth productivity by CO <sub>2</sub> enrichment with stack gas . . . . .	135
<i>Centre National de la Recherche Scientifique, Laboratoire de Physiologie Ecologique, Montpellier, France</i>	
Production of hydrocarbons from autotrophic microbial biomass by low temperature autocatalytic conversion . . . . .	141
<i>University of Florence—Institute of Agricultural and Technical Microbiology, Italy</i>	
Production of liquid hydrocarbons from autotrophic microbial biomass by low temperature autocatalytic conversion. Project: autocatalytic low temperature conversion of algae biomass to oil . . . . .	146
<i>University of Tübingen, West Germany</i>	
Production of liquid hydrocarbons from autotrophic microbial biomass—optimization and metabolic control of the production of autotrophic microbial biomass . . . . .	149
<i>King's College, London, United Kingdom</i>	

Production of liquid hydrocarbons from autotrophic microbial biomass by low temperature autocatalytic conversion. Harvesting procedures of microalgae in seawater . . . . .	151
<i>Technical University Aachen, West Germany</i>	

Biomass production—Overcoming limitations of low temperature . . .	153
<i>Rothamsted Experimental Station, United Kingdom</i>	

A prospective economic estimation of agriculture from the point of view of energy production . . . . .	158
<i>Cemagref, Antony, France</i>	

## II. HARVESTING, TRANSPORT, STORAGE AND DRYING

Harvesting forest biomass for energy . . . . .	163
<i>Forestry Department, Aberdeen University, United Kingdom</i>	

Exploitation of marginal forest resources for fuel . . . . .	168
<i>Danish Institute of Forest Technology, Frederiksberg, Denmark</i>	

Technical improvement in methods of harvest, transport, storage and drying of wood and straw for energy production and their economic evaluation . . . . .	173
– <i>Institut für angewandte landwirtschaftliche Betriebslehre, Technical University Munich, West Germany</i>	
– <i>Institute of Agricultural Engineering, Milano, Italy</i>	

Development of harvesting and transport processes for the exploitation of biomass of Mediterranean maquis (brushwood) for energy purposes . . .	183
<i>Laboratory of Agricultural Structures, Agricultural College of Athens, Greece</i>	

Storage and drying of forest biomass . . . . .	187
<i>An Foras Taluntais, Dublin, Ireland</i>	

Definition of a mechanized system for harvesting, transport, storage and processing of forest biomass in degraded areas (Prebifor) . . . . .	192
<i>Istituto Cooperativo per l'Innovazione (ICIE), Roma, Italy</i>	

## III. BIOGAS

Biogas plants in Europe. An updated data-bank . . . . .	199
<i>Catholic University of Louvain, Louvain-la-Neuve, Belgium</i>	

## IV. BASIC STUDIES ON BIOLOGICAL CONVERSION

Production of heat stable enzymes for the saccharification of cellulosic and starchy raw materials . . . . .	205
<i>Laboratories CAYLA, Toulouse, France</i>	

Biochemical and genetical analysis of cellulolytic activities of a thermophilic fungus belonging to the <i>Talaromyces</i> genus . . . . .	208
<i>Centre de Recherches de Biochimie et de Génétique Cellulaire du CNRS, Toulouse, France</i>	
Actinomycetes as a source of novel enzymes for Lignocellulose bioconversion . . . . .	212
– <i>Université Libre de Bruxelles, Belgium</i>	
– <i>University of Liverpool, United Kingdom</i>	
Enzymatic hydrolysis of cellulose by anaerobic microorganisms . . . . .	216
<i>Rowett Research Institute, Aberdeen, United Kingdom</i>	
Conversion of cellulose into ethanol by <i>Clostridium thermocellum</i> : genetic engineering of cellulases and improvement of ethanol production . . . . .	219
<i>Institut Pasteur, Paris, France</i>	
Enzymatic hydrolysis of cellulose by anaerobic microorganisms Bundesforschungsanstalt für Forst- und Holzwirtschaft . . . . .	224
<i>Hamburg, FRG</i>	
Production of fuel alcohols by fermentation: physiological basis for improving the process . . . . .	230
<i>Centro de Engenharia Química, Porto, Portugal</i>	
Etude du système cellulolytique de <i>Clostridium cellulolyticum</i> et de ses interactions avec d'autres systèmes cellulolytiques . . . . .	234
<i>Laboratoire de Chimie Bactérienne, CNRS, Marseille, France</i>	
Maximising the production of ethanol from xylose generated enzymatically from xylans and xylan-containing wastes. . . . .	248
<i>Rowett Research Institute, Aberdeen, United Kingdom</i>	
Optimization of the enzymatic saccharification of hemicelluloses in the bioconversion of biomass . . . . .	241
<i>Agricultural University, Wageningen, The Netherlands</i>	
Production of yeast strains capable of converting lignocellulosic biomass to ethanol . . . . .	247
<i>University College, Swansea, United Kingdom</i>	
Production of yeast strains capable of converting lignocellulosic materials to ethanol . . . . .	252
<i>Trinity College, Dublin, Ireland</i>	
Bertin process for the acid hydrolysis of lignocellulosic wastes . . . . .	256
<i>Société Bertin &amp; Cie, Tarnos, France</i>	

Production of fuel alcohols by fermentation, physiological basis for improving the process . . . . .	261
<i>Institut National des Sciences Appliquées, Toulouse, France</i>	
Study of physiological and environmental aspects involved in alcoholic fermentation improvements . . . . .	266
– <i>Laboratório de Engenharia Bioquímica, Lisboa, Portugal</i>	
– <i>Laboratório Nacional de Engenharia e Tecnologia Industrial, Lisboa, Portugal</i>	
– <i>University of Birmingham, United Kingdom</i>	
Ethanol production by <i>Zymomonas mobilis</i> . . . . .	270
<i>Laboratoire de Chimie Bactérienne, CNRS, Marseille, France</i>	
Development of high rate, low energy input, bioreactors for ethanol production . . . . .	275
– <i>Institut National de Recherche Chimique Appliquée, Vert-le-Petit, France</i>	
– <i>Strathclyde University, Glasgow, United Kingdom</i>	
Direct microbial bioconversion of pretreated lignocellulosic materials to fuel ethanol . . . . .	279
<i>National Technical University of Athens, Greece</i>	
Continuous ethanol fermentation at 70°C from straw and straw hydrolysates . . . . .	284
<i>Imperial College of Science and Technology, Centre for Biotechnology, London, United Kingdom</i>	
Comparison of solid-state and conventional submerged alcoholic fermentation of sugar crops in an integrated biomass refinery process . . . . .	290
<i>University College, Galway, Ireland</i>	
Production of ethanol from biomass: separation process . . . . .	295
<i>A. Biotec, Forlì, Italy</i>	
Concentration of ethanol from fermentation solutions by supercritical extraction. . . . .	300
<i>Krupp Forschungsinstitut, Essen, FRG</i>	
Basic studies on psychrophilic anaerobic digestion from the microbiology, depuration, and energy point of view . . . . .	305
<i>Universidad Autónoma de Barcelona, División de Ingeniería Química, Spain</i>	
Lytic process studies on anaerobic digestion of organic wastes . . . . .	309
<i>Biomagaz, Cernay, France</i>	

Two-stage process for the conversion of lignocellulosic material into methane . . . . .	313
<i>Technological Institute, Chemical Dept., Taastrup, Denmark</i>	

Production of ethanol or other fuel molecules by anaerobic fermentation in fixed cell reactors for lignocellulose gasification . . . . .	318
– <i>University College Galway, National University of Ireland, Ireland</i>	
– <i>Station de Technologie Alimentaire, INRA, Villeneuve d'Ascq, France</i>	
– <i>Unit of Bioengineering, Catholic University of Louvain, Belgium</i>	

## V. THERMAL BIOMASS CONVERSION

New process of suspension pyrolysis and use of charcoal slurry . . . . .	325
<i>Cemagref, Antony, France</i>	

Evaluation of potential penetration of pyrolysis conversion technologies in the Mediterranean areas of Italy . . . . .	330
<i>F. Uccelli, La Spezia, Italy</i>	

Quality improvement of pyrolytic oils from biomass . . . . .	333
<i>Université Catholique de Louvain, Louvain-la-Neuve, Belgium</i>	

Study on the production of charcoal slurry based on biomass pyrolysis products . . . . .	339
<i>COGIS, San Donato Milanese, Italy</i>	

Study on the biological purification of the acidic condensates originating from the pyrolysis of biomass . . . . .	344
<i>Italenergie S.p.A., Sulmona, Italy</i>	

Pyrolysis optimization of forest biomass . . . . .	349
<i>C.A.F. COL., Collelongo, Italy</i>	

Acoustic agglomeration to clean pyrolysis gas. . . . .	353
<i>Progettazioni Industriali Pietrasanta, Italy</i>	

Production and utilization of synthetic liquid fuels . . . . .	357
<i>Chemical Process Engineering Research Institute, Thessaloniki, Greece</i>	

Air gasification of biomass for fuel-gas production. . . . .	362
<i>Framatome, Division Creusot-Energie, Le Creusot, France</i>	

Twin-feeding gasifier for rice husks and agricultural residues . . . . .	366
<i>B.E.S. S.n.c., Millesimo, Italy</i>	

Improvement of the dual fluidized bed wood pyrolysis gasification process: use of catalyst and optimisation of particulate solids circulation techniques . . . . .	371
– <i>Université de Nancy, France</i>	
– <i>Université de Technologie de Compiègne, France</i>	

Thermal conversion of biomass in molten salt media . . . . .	377
<i>Aston University, Birmingham, United Kingdom</i>	
Modelling and application of biomass gasification based power generation plants . . . . .	382
<i>Energy Options Ltd, Dudley, United Kingdom</i>	
Catalytic steam gasification in a fluidized bed of some biomass existing in Spain in order to obtain a methane-rich gas . . . . .	388
<i>University of Saragossa, Spain</i>	
A pyrolyser-combustor system for medium BTU gas generation . . . . .	394
<i>National Institute for Extractive Industry (INIE), Liège, Belgium</i>	
Production of synthesis gas from biomass final data gathering programme . . . . .	400
<i>Italenergie S.p.A., Sulmona, Italy</i>	
Study of biomass gasification kinetics under pressure . . . . .	403
<i>University of Technology of Compiègne, France</i>	
Syngas production from wood: gasification unit of Clamecy . . . . .	407
<i>GIE ASCAB, Paris, France</i>	
Development of a new method for hydrogen recovery from lean gas mixtures using metal hydrides slurries . . . . .	412
<i>Twente University of Technology, Enschede, The Netherlands</i>	
Review of achievements of thermal biomass conversion . . . . .	417
<i>Free University of Brussels, Belgium</i>	
Production of synfuels and chemical feedstocks by direct hydroliquefaction of lignocellulosic biomass . . . . .	420
<i>Federal Research Center for Forestry and Forest Products, Hamburg, FRG</i>	
List of Participants . . . . .	425

## VI. WORKSHOP ON PHOTOCHEMICAL AND PHOTOBIOLOGICAL PROCESSES FOR PRODUCING ENERGY-RICH COMPOUNDS

1st workshop on photochemical and photobiological processes for producing energy-rich compounds . . . . .	441
<i>D. O. Hall, King's College, London, United Kingdom</i>	
Attendees . . . . .	443

Photoelectrochemical reduction of $\text{CO}_2$ and cleavage of $\text{H}_2\text{O}$	446
<i>Institute of Applied Chemistry, TNO, The Netherlands</i>	
Studies of real and artificial photosynthetic systems	453
<i>The Royal Institution of Great Britain, England</i>	
Energy conversion by photosynthetic reaction centers	458
<i>Commissariat à l'Energie Atomique, Centre d'Etudes Nucléaires de Saclay, France</i>	
Use of immobilized cyanobacteria for the photoproduction of energy-rich compounds	463
<i>King's College London, University of London, United Kingdom</i>	

## REVIEW PAPERS

- . Production of Biomass and Improvement of Productivity : Forest Trees  
Eric Teissier Du Cros
- . Biomass production in Agricultural Land  
G. Gosse
- . Ethanol Fuels and Basic Studies on Biological Conversion  
J. Coombs  
F. Parisi
- . Gasification, Synthesis Gas Production and Direct Liquefaction of Biomass  
A. Beenackers  
W. van Swaaij



