

barriers

batch reactor

5 - 8 JUNE CONFERENCE & EXHIBITION | 9 JUNE TECHNICAL TOURS



EUBCE 2023 – Keywords

Please spend a little time on this matter and remember that the reader will use your keywords to search for relevant information in the Proceedings.

Please select the three to six keywords most relevant to your paper and include them as indicated in the 'Instructionsfor preparation of papers'. You may use additional keywords in case a keyword you would like to use does not appear on the list.

A	la la la a a a di la a a un a constitución	a a ta kua ia
A	_ biobased economy	_ catalysis
_ absorption	_ biobased products	_ catalyst
_ action plan	_ biochar	_ catalytic conversion
_ activated carbon	_ biochemical	_ cellulose
_ additives	_ biocoke	_ centralised
_ adsorbent	_ biodegradability	_ centralised generation
_ aerosol	_ biodegradable fraction	_ ceramic material
_ agricultural biogas plant	_ biodiesel	_ certificate trading
_ agricultural intensification	_ biodiversity	_ certification
_ agricultural residues	_ bioeconomy	_ certification issues
_ agriculture	_ bioenergy	_ char
_ agroenergy farm	_ bioethanol	_ characteristics
_ agroindustrial residues	_ biofertilisers	_ characterization
_ agropellet	_ biofiltering	_ charcoal
_ algae	_ biofuel	_ chemical composition
_ alkali	_ biogas	_ chip
_ allothermal conversion	_ biological conversion	_ circular economy
_ allothermal gasification	_ biomass	_ circulating fluidised bed
_ alternative energy	_ biomass to liquid (BtL)	(CFB)
_ alternative fuel	_ biomaterial	_ clean development mechanisms
_ alternative fuel vehicle	_ biomethanol	(CDM)
ammonia	_ bioplastic	_ clean synthesis gas
_ anaerobic digestion	_ biopolymers	climate
_ anaerobic process	_ biopower	_ climate change
_ analysis	_ bioproducts	climatic conditions
animal fat	_ biorefinery	_ clones
_ animal residues	_ biorefining	_ CO ₂ balance
_ annual herbaceous crops	_ biotechnology	_ CO ₂ capture
_ arundo donax	boiler	_ CO ₂ emission
_ ashes	_ brassica carinata	_ CO ₂ reduction
_ assessment	_ briquette	_ coal
_ 0300331110111	business issue	cocombustion
В	_ business issue	_ coconut
bacteria	С	_ cofiring
_ bacteria bales	calorific value	<u> </u>
_	_	_ cogeneration
_ bark	_ carbohydrate crops	_ combined heat and power

_ carbon credits

_ carbon dioxide (CO₂)

generation (CHP)

combustion

	_	<i>c</i> : .
_ commercial plant	E .	_ financing
_ commodity market	_ ecology	_ Fischer Tropsch
_ common agricultural policy	_ economical aspects	_ fixed bed
(CAP)	_ economics	_ flash pyrolysis
_ compaction	_ ecosystems	_ fluidized bed
_ competitiveness	_ education	_ fly ashes
_ complex	_ efficiency	_ food
_ composition	_ effluent	_ food additives
_ composting	_ elasticity	_ forest residues
_ control systems	_ electric osmosis	_ forestry
_ controlled release	_ electricity	_ fouling
_ conversion	_ electricity sector	_ fuel
_ conversion systems	_ emissions	_ fuel cell
_ conversion technology	_ emission factor	
_ cooking systems	_ emissions trading	G
_ cooling	_ emulsion	_ gas cleaning
_ cooperation	_ end products	_ gas turbine
_ corn	_ energetic value	_ gaseous biofuel
_ corrosion	_ energy	_ gasification
_ cost analysis	_ energy balance	_ generation
_ costs	_ energy crops	genetic improvement
_ crop	_ engine	_ genotype
_ cultivar	_ environmental impact	geographical information
_ cultivation	_ environmental limitations	system (GIS)
_ cynara cardunculus	_ environment	_ globalisation
_ cyriaia caiddiledids	_ enzymatic hydrolysis	_ governance
ח	_ enzymatic process	_ yrairi
D database	·	_ grain _ grass
_ database	_ enzyme	_ grass
_ database _ decarbonisation	·	_ grass _ green certificates
_ database _ decarbonisation _ decentralised	_ enzyme _ esterification _ ethanol	_ grass _ green certificates _ green chemistry
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	_ microturbine	_ pollution
_ industry	—	•
_ inhibitors	_ microalgae	_ polygeneration
_ innovative concepts	_ miscanthus	_ poplar
_ integrated gasification	_ mixed biomass pellet	_ potential
combined cycle (IGCC)	_ mixtures	_ power generation
_ integration	_ model	_ pretreatment
_ internal combustion engine	_ modelling	_ process heat
_ international	_ moisture	_ processing industry
_ irrigation	_ monitoring	_ product gas
_ 0	_ municipal solid waste	_ production
J	(MSW)	_ project
_ jatropha curcas		_ project development
_ joint implementation (JI)	N	_ promotion
	_ national	_ protection issues
K	_ natural gas	_ proteins
	_ new cultivar	_ pulp
_ kenaf	_ nitrogen/carbon ratio	_ pyrolysis
_ Kyoto protocol	_ novel crops	_ pyrolysis oil
	_ NO _x emission	_ pyrorysis on
L		Q
_ land use	0	
_ landfills		_ quality
_ landfill gas	_ oil	_ quality standards
_ large utility	_ oil crops	_
_ learning curve	_ oilseeds	R .
_ legal aspects	_ olive tree	_ rapeseed
_ life cycle assessment (LCA)	_ operation and maintenance	_ rapeseed oil
_ lignin	_ organic rankine cycle	_ reactivity
_ lignocellulose	(ORC)	_ reactor
_ lignocellulosic sources	_ organic waste	_ recycling
_ liquefaction	_ oxidation	_ reduction
_ liquid biofuel	_ oxygenated compounds	_ reed canary grass
_ local		_ reforestation
_ logistics	P	_ reforming
_ losses	_ palm	_ regional
_ losses _ low calorific value	_ palm oil	_ regulation
_	_ panels	_ removal
_ low temperature	_ panicum virgatum	_ _ renewable energies
M	_ paper	_ residues
M	_ paper production	_ resources
_ macroalgae	_ particle emission	_ rice husks
_ maize	_ peat	rice straw
_ management	_ pellet	_ rotation
_ manure	_ pelletization	_ round wood
_ marginal effects	•	_ run off
_ market	_ perennial energy crops	
_ market forecasts	_ performance	_ rural development
_ marketing	_ pesticides	0
_ mass balance	_ petrochemicals substitute	S
_ mass flow analysis	_ photosynthesis	_ sampling
_ measurement	_ pilot plant	_ sawdust
_ mechanization	_ plant	_ second generation
_ methane	_ policies	_ security
_ methanol	_ polluted soil	_ seeds

_ set-aside agricultural land _ sewage sludge _ sewage treatment _ shell _ short rotation forestry (SRF) _ sintering _ sludge _ small scale application _ social aspects _ socio-economic impact _ software _ soil fertility _ solid biofuel	_ technology _ temperate regions _ tertiary sector _ thermochemical conversion _ timber _ torrefaction _ toxicity _ trade _ training _ transesterification _ transport _ transport sector _ transportation
_ solid blotder _ sorghum bicolor L. Moench _ stakeholders _ stand-alone systems _ standards	_ treatment _ trigeneration _ tropical regions
_ standardisation _ steam _ steam engine _ steam explosion _ stirling engine	U _ upgrading _ urban area _ urban wastes _ utility scale
_ storage _ stove _ strategies _ strategy _ straw _ structure	V _ vegetable oil _ vehicles _ venture capital _ viscosity
_ study _ sugar _ sugar beet _ sugar cane _ sugar cane bagasse _ sugar crops	W _ waste _ waste disposal _ wastewater _ wastewater treatment
_ sunflower _ sunflower oil _ supply _ supply chain _ sustainability	_ water use _ wheat _ wheat straw _ willow _ winery
_ sustainability criteria _ sustainability standards _ sweet sorghum _ switchgrass _ strengths weaknesses	woodwood chipwood cropswood pelletworldwide deployment
opportunities threats (SWOT) analysis _ syngas _ synthetic natural gas (SNG)	Y _ yield ADDITIONAL KEYWORDS
T _ tar _ tar removal	_ _ _