



Knowledge Based Bio-Economy towards 2020 conference turning challenges into opportunities

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working together to address the NEEDS

sustainability and policies

feedstocks for the KBBE

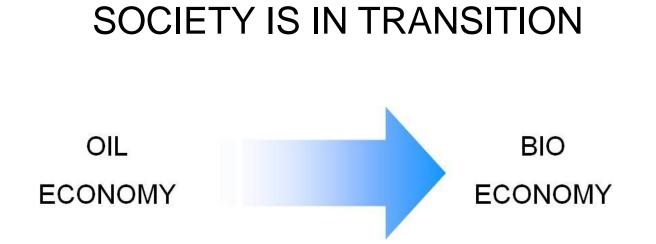


decline of fossil reserves

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policies to ensure sustainable use of the land, protect biodiversity and the environment, encourage rural development and best practice in the use of agricultural feedstocks







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EC-US TASK FORCE ON BIOTECHNOLOGY RESEARCH

plant-based bioproducts: creating value from renewable resources





a process to ensure sustainable development

in the epobio project, desk researchers identified and integrated the science, technology and supply chains needed for the design, success and sustainability of new bioproducts

support analyses of environmental impacts, the economic and regulatory environments and social attitudes established context

the epobio process – a holistic analysis of the issues to provide a thorough evidence-base to inform decision-making by funding agencies and policy-makers









epobio – selection criteria for priorities

user / consumer benefit societal benefit across the entire supply chain

scientific challenge requires large-scale, complementary, multinational input

economic benefits and risk analysis

the project as a continuum – research to proof of concept

private sector involvement

pre-competitive, demonstration of value

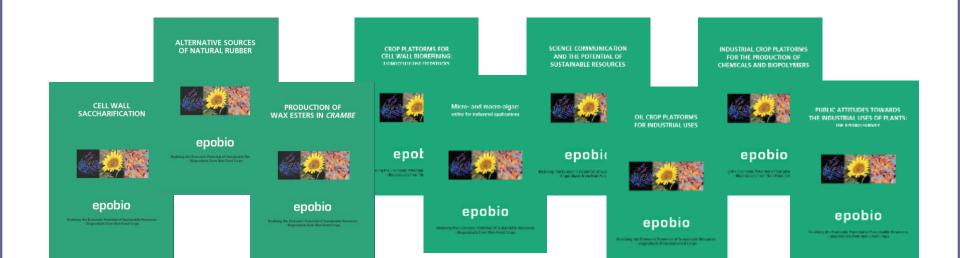
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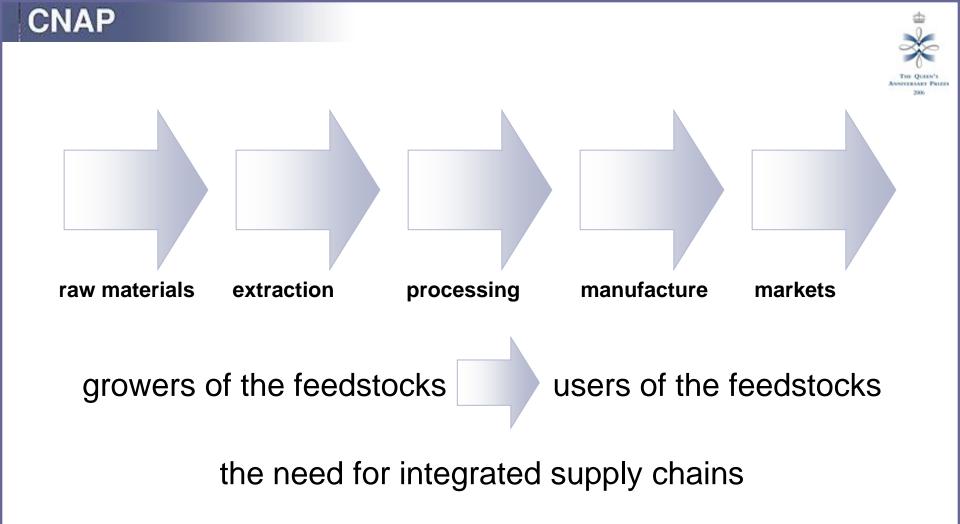


epobio reports



www.epobio.net

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new policy requirements to ensure sustainability across the supply chain







climate change... land availability... virtual water...

the politics of land-use decisions





productivity and sustainability

food animal feed chemicals materials fuel

sustainability criteria for ALL agricultural production







the knowledge based bio-economy

complementary strategies and technologies

plant production systems biorefineries extraction biocatalysis fermentation

processing

end-user requirements

pipelines of new products

realising the sustainable use of bio-based feedstocks

