



Sweet Sorghum an alternative energy Crop

Sweet Fuel – OBJECTIVES

The main objective of Sweet Fuel is to exploit the advantages of sweet sorghum as potential energy crop through:

- Development of bioethanol production from sweet sorghum in temperate and semi-arid regions through genetic enhancement
- Improvement of cultural and harvest practices for optimized yields



Sweet Fuel – ACTIVITIES

Sweet Fuel will deliver a matrix of multi-disciplinary and cross-sectoral work packages to:

- breed sweet sorghum ideotypes specially adapted to temperate climates, drought prone environments and poor soils
- improve knowledge on the relationships among traits for sugar accumulation, plant phenology, stay-green and terminal drought tolerance
- understand the agronomic determinants of optimized yield and recommend cultural and harvest techniques
- provide a multi-criteria (social, economic and environmental) sustainability evaluation of resulting commodity chains
- promote the exchanges between RTD experts, stakeholders and key actors
- identify and monitor ethical risks resulting from ethanol production from sweet sorghum and to propose guidelines for policy makers



Sweet Fuel Coordination:

Centre de coopération internationale en recherche agronomique pour le développement (CIRAD / France)

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Sweet Fuel consortium:

ARC-GCI, South Africa
 CIRAD, France
 EMBRAPA, Brazil
 ICRISAT, India
 IFEU, Germany
 KWS SAAT AG, Germany
 Università di Bologna, Italy
 Università Cattolica del Sacro Cuore, Italy
 Universidad Autonoma de Nuevo Leon, Mexico
 WIP Renewable Energies, Germany

Sweet Fuel – PARTNERSHIPS

The Sweet Fuel partnership comprises 10 partners from research, Academia and industry. Partners are based in Europe, India, Brazil, South Africa and Mexico.

Project duration:

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Project website:

www.sweetfuel-project.eu



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