

In *WP6* environmental impact assessment for the whole production chain of the crop and Life Cycle Analysis (LCA) will be carried out.

The valuable information that will be collected in the *WP2*, *WP3*, *WP4*, *WP5* and *WP6* will be used in *WP7* for the cost analysis of kenaf as a “non-food crop” in comparison to other annual traditional crops.

In *WP8* all the above-described work packages will be used as a base for the development of a Handbook and a Booklet for kenaf.

Expected results

- Determination of the appropriate combination of cultivation techniques that will result in the maximum biomass yields and under minimum production cost.
- The dynamic growth and biomass production model that will be a useful tool for yields and energy production prediction of kenaf.
- Information on the application of various harvesting and storage methods to ensure minimum losses in quantity and quality of feedstock.
- Increased European market potential for kenaf based industrial products.
- Establishment of a market-driven demand for kenaf as alternative source for energy production.
- Environmental impact assessment covering the whole production chain of kenaf.
- LCA considering the potential of kenaf as a biofuel for thermochemical conversion processes.

- Scenarios for alternative land use in agriculture regions of south EU.
- Cost of kenaf at farm and at plant gate (including harvesting, storage and transportation).
- Handbook and booklet for kenaf

Consortium

Partners	Country
CRES (Coordinator)	Greece
University of Catania	Italy
University of Thessaly	Greece
BTG	The Netherlands
CETA	Italy
INIA	Spain
University of Lisbon	Portugal
ATO	The Netherlands
University of Bologna	Italy
INRA	France
ADAS	UK

The project was started in March 2003 and will last 42 months. During the first year of the project a total number of 16 field trials were established in southern EU.

For more information



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