

**BIOKENAF: A NETWORK FOR INDUSTRIAL PRODUCTS
AND BIOMASS FOR ENERGY FROM KENAF**

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ABSTRACT: The Biokenaf project will contribute to the implementation of three main EU policies, the *Common Agricultural Policy*, the *Agenda 2000* and the *White Paper*. In this view of these policies, the financial feasibility of the non-food crops production will increase, while the diversification of land use and sustainability of farm incomes should be ensured. Although kenaf has been accepted (from 1993) by EU a high yielding “non-food crop” for fiber production the research on kenaf has been focused strictly on its use for the paper/pulp industry, while the yielding potential of the crop is not defined. Hardly any research has been directed towards the other industrial uses of the crop as well as the energy exploitation of it, in spite of the favorable characteristics of kenaf feedstock and its high biomass yields. This project with its integrated approach aims at the sustainable yielding potential, the alternative industrial bio-products as well as the energy exploitation of kenaf. A dynamic crop-growth simulation model will be developed and will be a useful tool for yields prediction. Following an environmental and economic assessment will provide insight in the feasibility of kenaf for industrial and energy applications.

Keywords: kenaf, industrial products, biomass, energy