

WP8. Handbook and Booklet for Kenaf

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The results of the proposed RTD project will be documented in a handbook on kenaf. This handbook will include:

- The valuable information on kenaf that will be gathered and evaluated in the framework of the project.
- The relevant updated literature covering the production aspects and stages of the crop as well as all the possible end-uses (energy production, fiber production, paper and pulp production, forage production, etc.). An important role during handbook preparation will play the literature review for kenaf, carried out by the partner 1 at the beginning of the project.



Contents of the handbook

1. **Background and Taxonomy of the crop** (origin of the genus, presentation of all different types of existing varieties, state-of-the-art of breeding improvement of kenaf varieties).
2. **Agronomy of kenaf** (soil and climatic requirements, sowing dates, plant densities, nitrogen and irrigation requirements, weed management and diseases).
3. **Production of kenaf** (yielding potential, reported yields in field trials established in the framework of the BioKenaf Network and presentation of the growth simulation model).
4. **Harvesting and Storage of kenaf** (harvesting dates and techniques, storage methods).



Contents of the handbook

5. **Utilization of kenaf** (energy production, fiber production, paper pulp production and other industrial uses).
6. **Economics** (analytical methods, costs of kenaf husbandry, opportunities for reducing production cost, assessment of markets-energy, fiber and paper pulp production-).
7. **Environmental impact** (replacement of conventional fuels with biofuels deriving from kenaf, effects on the quality of water and soil, use of resources, soil erosion, biodiversity).
8. **Issues that need further investigation in the frame of RTD, at EU level.**



Contents of the booklet

- Short description of Kenaf
- Ecophysiological requirements
- Management of the crop
- Uses of the crop
- Research Topics
- Yields
- Topics that need further investigation in the frame of RTD, at EU level



Preparation of the handbook and the booklet

- Both the preparation and the handbook will be done out by the coordinator and will be reviewed by all the partners.
- Every year a draft version of the Handbook will be prepared and the final version will be given at the end of the third year of the project.
- The booklet will be circulated in a wider audience, in the participants of the seminars and in Biomass and Renewable Energy Conferences

