

# Sustainable management of renewable energy potential in the Naâma region

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**Abstract**—The Naama region is a vast territory rich in renewable energy resources like other wilayas in Algeria. Renewable energy resources are those whose natural sources are almost inexhaustible. They are available in large quantities subject to the means to exploit them as: Biofuel (wood), wind (wind), solar photovoltaic and thermal (Sun), hydropower (water), bioenergy or biochemistry (plant and animal) and soils. The strategy of preserving resources against the different forms of degradation will require the establishment of a system of pastoral planning and management of space which could relate to the following actions: defensive, multiplication and / or improvement of endangered species including endemic species, protection of resources against over-exploitation, planting of fodder trees, reintroduction of endangered medicinal plants. These renewable resources demonstrate socioeconomic and environmental efficiency. Therefore, it is necessary to exploit rationally in order not to run out, while allowing the resource to rebuild itself in order to sustainably maintain their very important ecological and socioeconomic role for future generations.

**Keywords**— Naâma, management, resources, renewable, preservation