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## Niger Acacia Senegal Plantation Project

The project aims to restore deforested and highly degraded land in the Republic of Niger by empowering rural communities to adopt sustainable agro-forestry practices. It represents the first effort in Niger to establish Acacia senegal plantations where natural dry forests are no longer able to regenerate on their own. Carbon sequestration makes the project more profitable by providing an additional revenue stream that will supplement income generated by the sale of Arabic gum from the acacia tree. Inter-cropping with groundnuts, cowpeas and other local crops is also a source of revenue. A total of about 18,000 ha of acacia plantations will be developed under the project, producing about 4,600 tons of Arabic gum each year at full capacity and sequestering about 240,000 tCO<sub>2</sub>e by 2012 and over 1,000,000 tCO<sub>2</sub>e by 2017.



The project is based on an innovative public-private partnership involving three parties:

- The International Crop Research Institute for Semi-Arid Tropics (ICRISAT), a public agricultural research and development institute dedicated to improving agriculture in semi-arid tropics, especially in the Sahelian zone
- Achat Service International (ASI), a dynamic Franco-Nigerien agro-business; and
- Rural communities, which will benefit from the project by developing their own plantations and through employment creation

### CERs up to 2012

240,000

### Eco-Carbhone's Responsibilities

Eco-Carbhone identified the project opportunity and was responsible for PDD development and other project preparation work, including the carbon storage monitoring plan. The project was developed in partnership with the World Bank's Bio Carbon Fund (BCF), and has been included in its carbon portfolio.

### Project Status

PDD in validation stage.