

Project name	Bio-ethanol from molasses (sugar cane)
Country	Nigeria, Delta Region
Background	Establishment of a sugar cane/sweet sorghum plantation as a feedstock for the production of bio-ethanol. The bagasse will be used for in plant power (co-) generation. The bio-ethanol will (initially) be for the domestic transport fuel (petroleum) market as the national goal is to have a 10% blend and that requires 1.27 billion litres of ethanol/yr. The Nigerian National Petroleum Corporation (NNPC) would be the primary offtaker of the ethanol.
Project type	Renewable energy/ biofuel (bio-ethanol)
Project scope	Establishment of a 60 million litres per year integrated fuel ethanol facility
Emission reductions	t.b.d.
Funding method	TPC: EPC US\$ 85 million; plantation US\$6 million; site infrastructure and organizational costs \$ 18 million Assumes equity to debt ration of 30:70
Project period	2009 techno-economic feasibility study and business plan 2010 plantation establishment 2011 plant finalized (12-18 months construction) 2011 first yields Yields for ??? years CDM carbon credits for 10 years or 3 time 7 years
Project details	Production of industrial grade ethanol (IGE) utilizing existing processing technologies widely used throughout the ethanol industry

