

6/12/2013



# UN Development Programme

## Suriname - Cty Pgmm

**Award ID:** 00071972  
**Award Title:** Feasibility Bio-fuel Production from Arundo donax

**Start Year:** 2013

**End Year:** 2015

**Implementing Partner**

**(Executing Agency):** Ministry of Natural Resources

**Responsible Party**

**(Implementing Agent):** Ministry of Natural Resources

**Revision Type:** Project Approval

**Brief Description:**

The primary goal of the feasibility study, which is supported by pilot scale activities, is to establish the agronomic and techno-economic viability of Arundo donax plantations within the mined-out areas of the Moengo region, as well as to assess the socio-economic and environmental impact that commercial-scale implementation of the project will have on the region. The Arundo donax will be converted through thermochemical conversion processes into solid and liquid biofuels.

The pilot scale activities of the project will be conducted in partnership with SURALCO as part of their remediation actions and will seek to restore the ecological integrity of the in areas selected twenty (20) hectares of mined-out bauxite lands.

The feasibility study includes three major components:

1. Assessments of agricultural activities including the pilot demonstration of an Arundo donax farm in Moengo (earmarked by SIDS DOCK intervention);
2. Assessments of technical and economic activities;
3. Management support (earmarked by SIDS DOCK intervention) and Policy support.

The requested financial assistance from SIDS DOCK based on the first and (part of the) third component of the feasibility study amounts to USD 250,000. After successful completion of the first component, the outcomes as expected are to (a) have a sufficient uniformity in soil to allow for representative sampling, (b) have political and local support to include the willingness of stakeholders to give accurate information, (c) have identified areas for test farms and (d) improve the environmental design of the project and have accurate GHG calculations and farm records.

Budget (US\$) as of Last Revision on 06-December-2013		
Donor	Fund	Amount
UNDP	04000 TRAC (Lines 1.1.1 and 1.1.2)	30,000.00
DEN	23400 TTF Envr Cty Ofc/Reg Co Financ	250,000.00
<b>Total Budget (2013 and Beyond)</b>		280,000.00
<b>Total Expenditure (2012 and Prior)</b>		0.00
<b>Award Total</b>		280,000.00
<b>Unprogrammed/Unfunded</b>		0.00

**Agreed by:** Ministry of Natural Resources

**Agreed by:** United Nations Development Program

**Agreed by:**

**Agreed by:**