QUESTIONNAIRE
Wheel Suction Dredger

GENERAL INFORMATION

Name:
Job title:
Organization:
Street:
Postal Code:
City:
Country:
Phone:
Fax:
E-mail:

* is required.
Please complete the non required fields in the next steps of this form to enable us to get back to you as accurate as possible.

DREDGER

Capacity:

Production per hour in situ
m³ In-situ/hour
Production per hour mixture
m³ Mixture/hour

Propulsion:

Self Propelled [yes/no]

Size:

Dredging depth:
Min. [m] Max. [m]
Required Wheel power
[kW]

Operations:

Daily operating hours of vessel [days]
Working days per year [days]
Fuel autonomy [days]
Number of crew working [crew]
Number of crew sleeping on board [crew]
Number of men per shift [crew]
Duration of shift [hours]
Number of shifts [-]

Country of operations: [-]
**DREDGING SITE**

**Operation Area:**
- Coastal areas: [-]
- Rivers: [-]
- Inland waterways: [-]

**Ambient Conditions:**
- Ambient temperature: [°C]
- Water temperature: [°C]
- Wind forces: [Beaufort]
- Wave height: [m]
- Current: [m/s]

**Project Work:**
- Maintaining waterways: [yes/no]
- Reclamation: [yes/no]
- Mining: [yes/no]
- Production per year: m³ In-situ/year
- Production per hour: m³ In-situ/hour

**Soil Characteristics:**
- Grain size (d50)
  - Clay: [mm]
  - Gravel: [mm]
  - Sand: [mm]
  - Silt: [mm]
  - Mud: [mm]
  - Other Material: [mm]
- Density of soil on sea bottom: [mm]
- Type of soil: [free flowing / firmly packed]
- Large stones or other obstacles such as tree trunks expected?: [yes/no]
## DREDGER OPTIONS

**Swivelbend:**
- Swivelbend connection: [yes/no]
- Discharge distance: [m]
- Discharge height (geodetic): [m]
- Discharge pipe diameter: [mm]

**Power Generations:**
- Diesel - Direct drive: [yes/no]
- Diesel - Electric drive: [yes/no]
- Pump and Propulsion shared drive: [yes/no]
- Shore power connection: [yes/no]
- Shore power voltage: [kV]

**Fuel:**
- HFO: [yes/no]
- MDO: [yes/no]
- LNG: [yes/no]
- Electric from shore: [yes/no]

**Power Generations:**
- Diesel - Direct drive: [yes/no]
- Diesel - Electric drive: [yes/no]
- Pump and Propulsion shared drive: [yes/no]

**Fuel:**
- HFO: [yes/no]
- MDO: [yes/no]
- LNG: [yes/no]

**Engine make preference:** [-]: [-]

**Automation:**
- DMS: [yes/no]
- DCMS: [yes/no]

**Classification Society:** [-]: [-]

**Rules and Regulations:**
- MARPOL: [yes/no]
- COLREG: [yes/no]
- IMO: [yes/no]
- Other: 

**Dismountability:**
- Dismountable for road transport: [yes/no]
- Maximum dimensions of components: [m x m x m]
- Maximum weights of components: [ton]

**REMARKS**

**Name:**

**Date / Time:**

---

**VOSTA LMG**

**DREDGING TECHNOLOGY**