

PRESS RELEASE January 21<sup>st</sup> 2011

## **First contract for NG<sup>2</sup> **PLUG** Shore power solution to equip**

### **Color Magix RoPax and Oslo port terminal**

New Generation Natural Gas (NG<sup>2</sup>), a startup company proposing innovative solutions to improve the shipping industry economical and environmental performance is has been awarded a contract to equip with its PLUG ( acronym “for Power Generation during Loading & Unloading”) shore power technology Color Line Color Magic RoPax.

Based on a unique concept of self mating /de mating connector, PLUG makes shore power connection a press button operations, bringing superior advantages in terms of:

- speed of operation (and hence reduction of on board generator sets use...),
- safety : no direct handling of high voltage connector and cables,
- compactness (no impact on ship side payload volume, negligible quayside footprint),
- Capital and Operational expenses: simplified installation, no manpower required...
- Versatility : a single PLUG Unit can provide up to 11 000 Volts / 700 Amps power exchange capability

For this application, PLUG will provide both the ship side and quay side high voltage (11 000 V) connection interfaces with a power exchange capability of more than 4 MVA.

To cope with Oslo port winter conditions, specific technical solutions have been implemented, such as a thermally insulated and heated storage of the quay side high voltage connector to avoid any exposure to ice/snow build up. All operations will be performed by a single crew member who will control from the ship side the whole PLUG system.

**PLUG : THE SHORE POWER SOLUTION YOU CAN AFFORD!**

Contact : Damien Féger , 33 6 47 88 11 93 [Damien@ng-two.com](mailto:Damien@ng-two.com)

[WWW.Newgeneration-naturalgas.com](http://WWW.Newgeneration-naturalgas.com)



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