



New Generation, Natural Gas, Natural Growth,



POSTES à pourvoir chez NG3

Ingénieurs /techniciens débutants ou expérimentés, passionnés par le milieu maritime et les enjeux environnementaux

NG3 is a French start-up company specialized in innovative equipment's for the shipping industry in order to improve its **economical and environmental performance**. See www.ng3.eu

In particular, NG3 is offering the shore connection solution "**PLUG**" which allows vessels to automatically connect to port local power grid in order to switch off their Diesel Generator sets or even, in the case of electric or hybrid propulsion, charge their batteries. NG3 is leader on this market, especially in Norway, country the most active in this field. As an example, PLUG equip the world largest hybrid propulsion vessel, **Color Hybrid**, ship of the year 2019.



NG3 is as well offering as the light weight and compact ECOFLARE board flaring system to provide safety tank pressure relief capability for LNG fuelled vessels. ECOFLARE has been selected to equip the **four LNG fuelled cruise ships** on order at **Chantiers de l'Atlantique**.





Missions :

PLUG shore power interfaces for Port of Trondheim:

You will perform detailed design and tests of the NG3 is implementing along the west coast of compliance with CE machine involve mostly mechanical design, then degree, automation aspects. On site trips along the cost of Norway, starting with as well. For this project NG3 is offering the connection solution with a 2000 Ampères to cover both hotel loads and charging of the hybrid propulsion vessels sailing all along the solution is fully automated using a unique real tracking solution to automatically connect the interface;



PLUG interface solution Norway, in order to justify directive. Activities will electrical and, in a lesser installation/commissioning Trondheim will be needed world's largest shore power exchange capability batteries of the new built west coast of Norway. This time image analysis ship to the quay side

ECOFLARE Gas Combustion Unit for ST Nazaire yard LNG fueled cruise ship:

You will perform detailed development and and commissioning of the first ECOFLARE MSC LNG fueled cruise ships at St Nazaire an extremely compact, lightweight and low

Activities will involve mostly combustion, particular you will set up a PC based data combustion test both during factory participate as well to the class approval

Based on this first unit test results you will units, such as the ones required on LNGCs.

Manufacturing and test of this unit will be flare division premises, at Cuincy, nearby trips along the cost of Britany, will be needed



factory acceptance test plan and report, solution NG3 is implementing on board yards. For this project, NG3 has developed noise solutions.

mechanical and automation aspects. In acquisition solution to monitor the acceptance and on board tests. You will process with Bureau Veritas.

derive the design parameters for larger

performed at our partner Eiffage metal Douai. On site installation/commissioning as well.

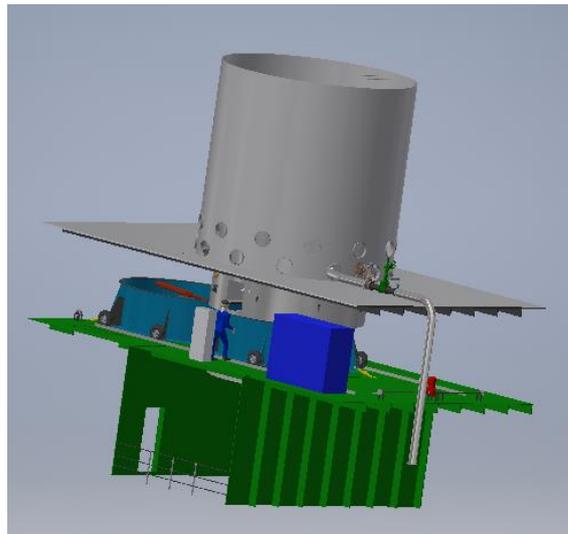


ECOFLARE Gas Combustion Unit for South Korea yards LNG carriers:

You will perform detailed design, test report, and commissioning of the first solution proposed by NG3 to major ship yard (Samsung, Hyundai, You will derive the key parameters of Off Gas disposal solution from the on board test of the smaller unit we to Chantiers de l'Atlantique for LNG ships.

Activities will involve mostly mechanical and automation aspects, importantly, contractual negotiation south Korean sub-contractors and interface definition with yard, and shippers.

On site negotiation/ installation/commissioning trips in south Korea, will be needed as well.



plan and ECOFLARE South Korean Daewoo..). this large Boil factory and are delivering fueled cruise

combustion, but just as with our local technical shipowners

Profil recherché : Grandes écoles d'ingénieur with a **strong interest** in the **greentech maritime sector**, eagerness to work in **an truly international activity** (beyond Europe, we are planning to develop our activities in Africa, Asia and the Americas) . Experience in CAD software such **as Autodesk Inventor**, **would be appreciated**.

Indemnités ou salaires attractifs négociables suivant profil, lieu de travail : Douai + déplacement sur site.

Dossier de candidature comprenant CV, lettre de motivation expliquant comment vous souhaitez participer au développement des activités de NG3 et prétentions à envoyer à d.feger.ng3gmail.com