



# “OCEAN-POWERED” MARINE GROWTH CONTROL TECHNOLOGY

*Case Study: Cleaning & Prevention of Marine  
Growth with IEV’s latest MGP-i*

## OFFSHORE EUROPE



### Client Profile

Client : Dong Energy  
Field Type : Brownfield  
Location : North Sea  
Water Depth : 100 m

### Project Information

Award date : Jan 2017  
Execution : Mid Apr 2017  
Completion : Early Jun 2017  
Location : Denmark

### MGC Solutions

Structures : 1 Platform  
Quantity : 56 units  
Type : Brownfield  
Application : Offshore installation

### Project Brief

In April 2017, IEV was awarded the contract to supply its proprietary “ocean-powered” Marine Growth Preventers (MGP) for an existing platform offshore Europe.

A total of 56 units of MGPs were delivered, of which 44 units of single ring MGPs and 12 units of dual-ring MGPs were installed on the jacket members including conductors, caissons and risers by rope access technicians in less than 2 months.

Powered by the ocean forces of North Sea, the MGPs began to remove the existing marine growth on the platform structure and appurtenances. Within 2 days of MGP installation, the wave zone members were visibly clean. Hereon, the MGPs will continue to prevent further marine growth on the structure.

Before and after MGP images are appended to this case study.

For more information, please send in your queries to [mgc@iev-group.com/info@iev-group.com](mailto:mgc@iev-group.com/info@iev-group.com)





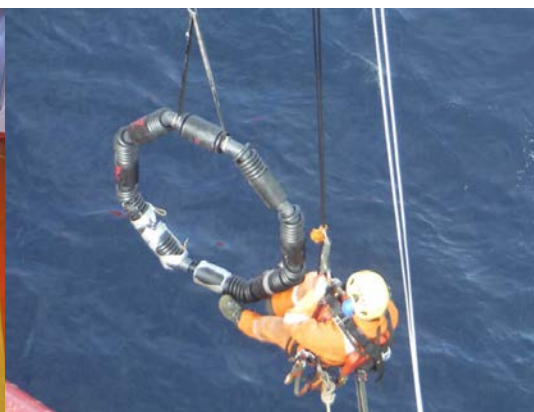
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**MGP – i OFFSHORE EUROPE (2017)**



**Phase 1 installation onshore**



**Phase 2 installation offshore**



**Products on caisson**



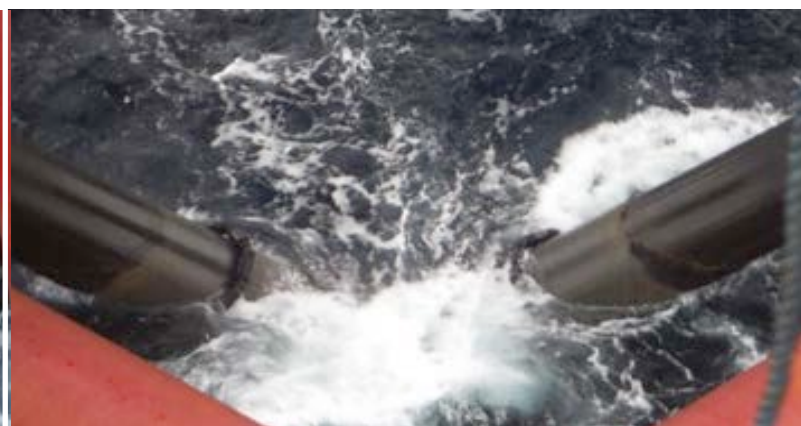
**VDM 1-5 - During Installation**



**VDM 1-5 – 2 Days after Installation**



**VDM R4 - before installation**



**VDM R4 - 2 days after installation**

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