Wind Farm Foundations – ROV Installation of Cathodic Protection
Main business areas

Offshore Oil & Gas, Marine & Naval
Offshore Renewables
Aquaculture
Imenco In Offshore Wind – a) Helicopter fueling systems
Imenco In Offshore Wind b)
Jacket Installation Solution – “Landing and Lock-down”

103 Jackets installed in 2020
Imenco In Offshore Wind c) 
ROV Installable Cathodic Protection

Imenco’s ROV installable Piranha® clamp used for

- Connecting Anode cages to monopiles
- Connecting Jacket structures to pre-driven piles
Piranha® Clamp
From Offshore Oil and Gas to Offshore Wind

The core of the system – the Piranha® – Used since 2003

Extensive track record from testing and service

- 15 projects with more than 2000 connectors delivered to wind industry since 2016

Key features

- Fast installation
- diver-less by use of ROV
- Strong mechanical connection (pull off force > 10 ton)
- Excellent electrical properties
Challenges of shallow water installations
The often ignored element – the cable

- Shallow water challenges to cable
  - Heavy marine growth
  - Environmental action from tides and waves
- Cable failures are not rare in the industry
- A cable protector is an essential element to the overall system.
- Extensive testing document the necessity and effect.
Thank you for the attention

For additional information

- Visit our Virtual Exhibition
- Visit our Web page www.imenco.com
- Feel free to contact me at; nils-olav.digre@imenco.com