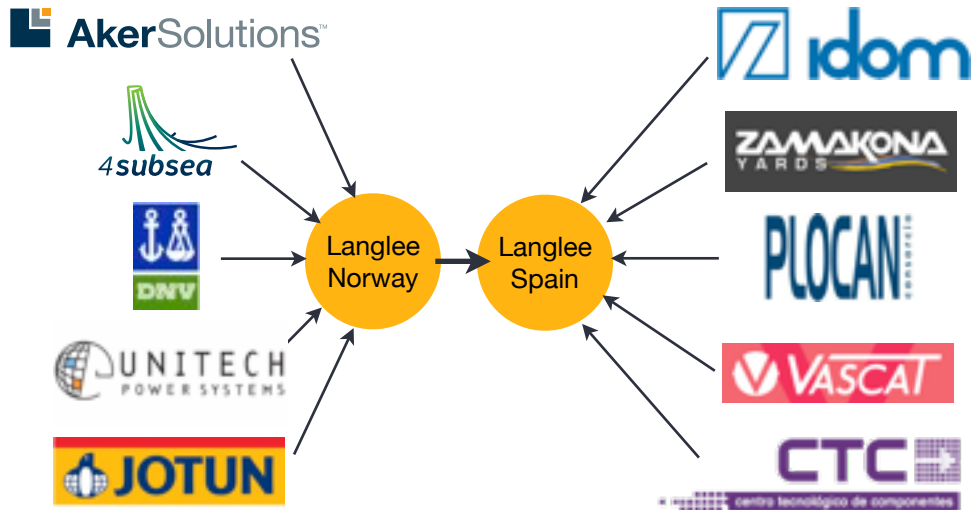


# Norwegian – Spanish Cooperation

– *The best from two countries*



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# Islas Canarias

– *Powered by waves*

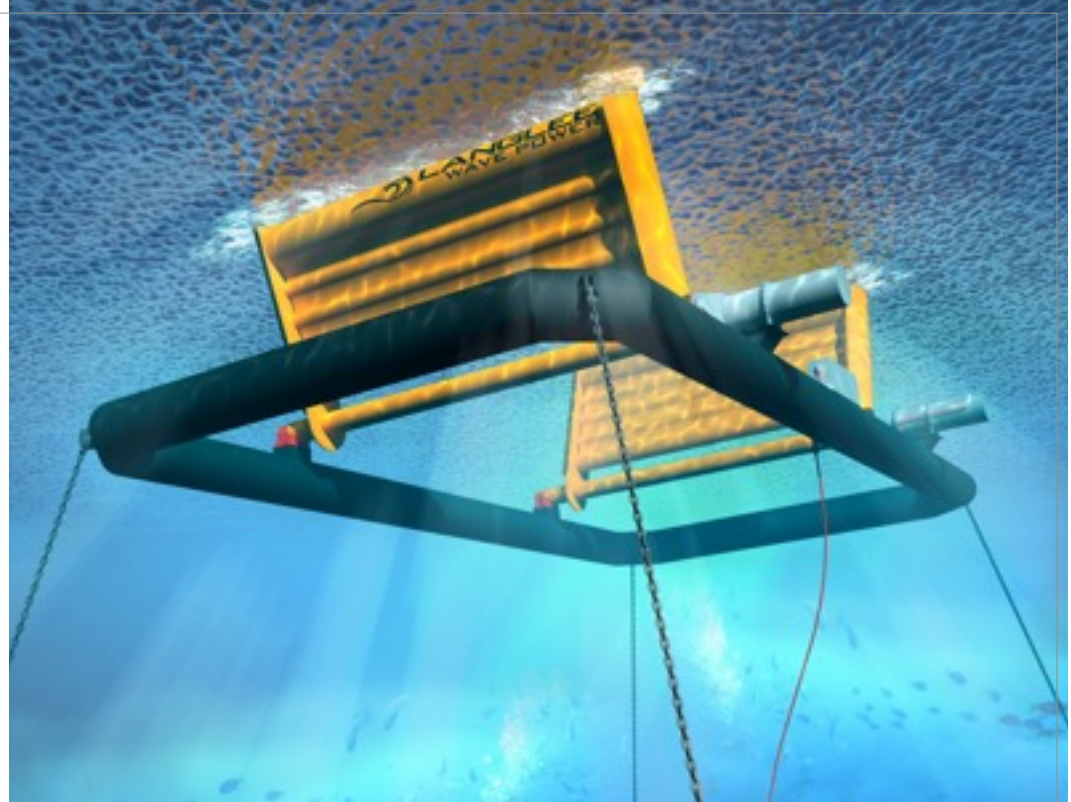
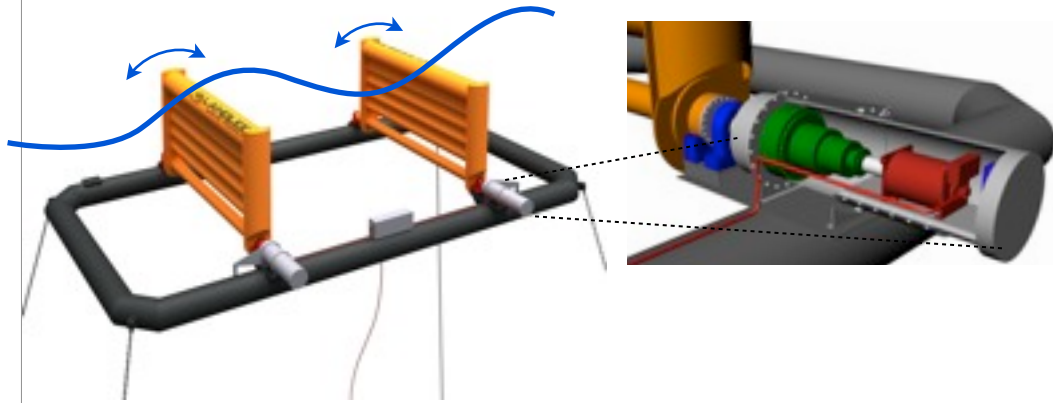
March 2013



D1835-01

## Langlee Robusto

The Langlee Robusto is a floating Wave Energy Converter (WEC) that converts sea waves into grid compliant electricity. The two large vertical water wings swing back and forth with the waves and this movement is converted to electricity by generators directly connected to each water wing. The steel structure is based on standard offshore materials and Jotun® anti-corrosion & anti-fouling treatment.



### Why Canaries?

- Good and stable wave resources
- Local shipyards and long offshore experience
- Good oceanic expertise
- High energy demand
- Expensive alternative energy sources

### Local fabrication

The Langlee Robusto will be fabricated locally in the Canary Islands. Fabrication and maintenance will generate hundreds of jobs, and can become a Canarian export industry.

### Impacts

- No hazard to marine life
- No visual intrusion
- No seabed footprint
- No conflict with water sports
- No CO<sub>2</sub> emission

### Benefits

- Lower cost than wind energy
- Reduce fossil fuel dependence
- Quick installation
- Low maintenance cost
- Standard components