

MetaMorph H2O – A Wave Powered Desalination System

The Team:

- Re Vision Consulting (www.re-vision.net)
- 7 Experienced engineers
- Strong background in all technical disciplines required for the prize competition (numerical analysis, controls, design)
- Access to workshop facilities to build anything we can dream of

Mission Statement:

- Develop a viable, scalable solution to meet energy needs within the Blue Economy
- Optimize system to application requirements of reverse osmosis systems
- Continuous power output range: 200W – 2kW

Background:

- Device Modeling (2017)
- Optimal Controls Design (2017)
- Wave Tank Validation (2018)
- In-Ocean Validation on 8kW Prototype (2019)
- Application to Desalination (2019 onwards)

