

The Aotearoa Wave and Tidal Energy Association (AWATEA) is a registered incorporated society. Its aim is:

“AWATEA will promote, aid and foster a vibrant and viable marine energy sector in New Zealand”.

www.awatea.org.nz

Role: AWATEA will be the national association for the representation of industry and research interests in marine energy and its uses.

Objectives: AWATEA has the following objectives:

- 1: to **promote the marine energy industry** in New Zealand, including research, energy generation, marine fabrication and marine services;
- 2: to **increase recognition and utilisation of marine energy** as another energy source in New Zealand's supply portfolio;
- 3: to act as a **centre for advocacy of marine energy**, including lobbying, drafting and making submissions to the Government and representing the views of the marine energy industry;
- 4: to assist in the **exchange of information about the marine energy sector** and to provide and publish statistics and informed commentary on issues affecting the uptake of marine energy in New Zealand;
- 5: to be a meeting place for marine energy industry participants; and
- 6: to **represent the New Zealand marine energy industry** to national bodies, including government agencies, non-governmental organisations and other industry bodies, as well as liaising with any relevant international bodies.



Physical Address

Level 8, Equinox House
111 The Terrace
Wellington 6011
Tel: +64 4 499 0060
Fax: +64 4 499 0059

Postal Address

PO Box 25456
Panama Street
Wellington 6146

Email

mail@awatea.org.nz

29 May 2008



Icon Room
Te Papa Tongarewa
Wellington



FOUNDATION SPONSORS



GOLD SPONSOR



SPEAKER SPONSOR

SOCIAL SPONSOR

LUNCH SPONSOR



blue energy : let's get wet!

Welcome to **blue energy: let's get wet!**, AWATEA's second national conference on marine energy. The objectives of our second conference are to build upon and reinforce the progress that marine energy in New Zealand has made in the last year:

- Explicit actions for marine energy in the New Zealand Energy Strategy
- Awards from the Marine Energy Deployment Fund
- Deployment of the first experimental device in the open ocean
- Grant of the first consent for a prototype deployment
- Consent hearings for the first commercial deployment

Please note: we will start promptly at 08.30

am

Supporting Deployments

We begin with a keynote presentation on standards and certification for marine energy converters, which will be critical for device exports. Two detailed presentations on new wave and tidal current resources will highlight the opportunity we are chasing.

After morning coffee, Hon. David Parker, Minister of Energy, will address Government initiatives, including the awards from the Marine Energy Deployment Fund.

This will be followed by review of an EECA-commissioned study on public perceptions of marine energy. An important consideration in the management of public perception will be an understanding of potential environmental impacts, as well as developing solutions to eliminate or mitigate these effects.

We end the morning with a review of recent tax changes, which should assist both domestic developers and international investors to realise their projects.

pm

Getting Devices in the Water

The afternoon session starts with a keynote presentation by CETO on their Fremantle project – the first array deployment worldwide.

Following will be two presentations on how to secure resource consents and how to get your project connected to onshore export facilities, both based on domestic and international experience.

The rest of the afternoon session will be devoted to three projects:

1. A new device project, the Delta device.
2. A progress report on the WET-NZ device, which has been deployed in Pegasus Bay over the last year.
3. An update from Crest Energy on their project, including progress in their current consent hearing.

We will wrap up formal proceedings with a facilitated discussion on the issues raised during the day – barriers and incentives to facilitate deployments.

We end with a networking hour to enable delegates to discuss with speakers, the AWATEA Executive and each other how to promote marine energy in New Zealand.

blue energy: let's get wet!

Programme

		SPEAKER	SUBJECT AREA
	08:30–08:45	15 Tara Ross-Watt (Chair) John Huckerby (Executive Officer)	Welcome and Introductions
am	Supporting Deployments		
	08:45–09:30	45 Claudio Bittencourt Ferreira DNV, United Kingdom Keynote Speaker	Certification: the Core of the Risk Management Strategy for Wave and Tidal Energy Converters
	09:30–09:50	20 David Johnson MetOcean Solutions Limited	Wave Energy Resources in New Zealand
	09:50–10:10	20 Anthony Bellve Energy Pacifica	Marine Tidal Currents: a Comparison of New Zealand's Resources
	10:10–10:30	20	MORNING COFFEE
	10:30–11:30	60 Hon. David Parker Minister of Energy	Status of Marine Energy in New Zealand and the Marine Energy Deployment Fund Awards
	11:30–11:50	20 Fiona Weightman EECA	Marine Energy and Other Renewables: Public Perceptions and EECA's Activities
	11:50–12:10	20 Craig Stevens NIVA	Marine Energy Environmental Impacts
	12:10–12:30	20 Alan Scott BDO Spicers, Wellington	Tax Incentives and Changes Relevant to Marine Energy Projects in New Zealand
	12:30–13:30	60	LUNCH: SPONSORED BY TRANSPOWER (SOCIAL NETWORKING)
pm	Getting Devices in the Water		
	13:30–14:00	30 Greg Allen Carnegie Corporation, Perth Keynote Speaker	Base-Load, Renewable Energy from the Ocean: Carnegie's CETO Wave Technology World-First Commercial Demonstration
	14:00–14:20	20 Kevin Oldham SPX Consultants	Consenting Your Project – Practical Hints and Tips
	14:20–14:40	20 Jeremy Warman Econnect New Zealand	Let's Get Wet and Connected!
	14:40–15:00	20 Don Burrell WavePower NZ Limited	Delta Wave Energy Device
	15:00–15:30	30	AFTERNOON TEA
	15:30–15:50	20 Robert Stuart Industrial Research Limited	Experiences of the Deployment of the WET-NZ Proof-of-Concept Wave Energy Converter in Pegasus Bay
	15:50–16:10	20 Nick Eady Crest Energy Limited	Crest Energy's Progress in the Kaipara Harbour Project
	16:10–16:30	20 John Huckerby AWATEA Executive Officer	AWATEA's Marine Energy Supply Directory
Panel Discussion – Facilitating Marine Energy Deployments			
	16:30–17:15	45 Facilitator: Chris Laidlaw Panel: (CB-F, FW, GA, NE)	Questions submitted by audience ballot
	17:15–18:30		DRINKS: SPONSORED BY SINCLAIR KNIGHT MERZ (SOCIAL NETWORKING)