



# The Business of Marine Energy

**Thursday 26 May; 08:45 – 18:00**  
**Oceania Room, Te Papa Tongarewa**

## PROGRAMME

Day 1		Speaker	Subject Area
08:45 – 09:00	15	<b>Nick Eldred</b> AWATEA Chairman, Christchurch	Introductions
<b>Keynote Speakers and Activities</b>			
09:00 – 09:15	15	<b>Hon. Wayne Mapp</b> Minister of Science and Innovation	<i>Keynote Speaker</i>
09:15 – 09:40	25	<b>Julius Espedal</b> CEO, Langlee Wave Power	<i>Keynote Speaker:</i> Future Energy. Now!
09:40 – 10:00	20	<b>Tom Denniss</b> CTO, Oceanlinx	<i>Keynote Speaker:</i> Wave Energy and the Oceanlinx Experience
10:00 – 10:20	20	<b>Joseph Mayhew</b> MFAT	Energising the Pacific: The New Zealand Aid Programme's work in the Pacific energy sectors
10:20 – 10:30	10	<b>Nick Eldred</b> AWATEA	AWATEA's Domestic Activities
10:30 – 10:40	10	<b>John Huckerby</b> AWATEA	International Activities and AWATEA's Involvement
10:40 – 11:10	30	<i>Morning Coffee – Sponsored by Chapman Tripp</i>	
<b>Legal and Commercial Issues</b>			
11:10 – 11:30	20	<b>James Winchester</b> Simpson Grierson	NZ Coastal Policy Statement and NPS for Renewable Electricity Generation – Opportunities for the Industry
11:30 – 11:50	20	<b>Matanuku Mahuika</b> Kahui Legal	Wave & Tidal Energy and the Coastal and Marine Area Act 2011
11:50 – 12:10	20	<b>Dave Morgan</b> Deloitte	Economics of Renewables
12:10 – 12:30	20	<b>Murray Dyer</b> Simply Energy Limited	Key Aspects to Commercialize Independent Generation
12:30 – 12:50	20	<b>Chris More</b> Meridian Energy	Considerations for Commercializing New Forms of Energy in NZ
12:50 – 13:30	40	<i>Lunch - Sponsored by Genesis Energy</i>	
<b>Test Centres and Tidal Energy Research</b>			
13:30 – 14:00	30	<b>Richard Morris</b> Commercial Director, EMEC	<i>Keynote Speaker:</i> The Business of Marine Energy – real world examples from Orkney
14:00 – 14:20	20	<b>Nick Inskip</b> HERA/AWATEA	Towards a New Zealand Marine Energy Centre
14:20 – 14:40	20	<b>Ian Milne</b> University of Auckland	Unsteady Loading of Horizontal-axis Tidal Turbine Blades
14:40 – 15:00	20	<b>Murray Smith</b> NIWA	Tidal Energy Potential in Cook Strait: recent measurements
15:00 – 15:20	20	<b>Ross Vennell</b> University of Otago	Realistic Power Output from Large Tidal Turbine Farms: A tale of two NZ channels
15:20 – 15:50	30	<i>Afternoon Tea – Sponsored by Chapman Tripp</i>	

<b>Day 1</b>		<b>Speaker</b>	<b>Subject Area</b>
<b>Facilitating Developments</b>			
<b>15:50 – 16:10</b>	<b>20</b>	<b>Graeme Ancell</b> Transpower	Integrating New Forms of Generation – a transmission view
<b>16:10 – 16:30</b>	<b>20</b>	<b>Chris Jones</b> Meridian Energy	Project West Wind - Barging and Wharf Operation
<b>Panel Discussion</b>			
<b>16:30 - 17:00</b>	<b>30</b>	<b>Nick Eldred, <i>Facilitator</i></b>	Are We Taking Care of Business in New Zealand?
<b><i>17:00 – 18:00</i></b>	<b><i>60</i></b>	<b><i>Drinks sponsored by NIWA</i></b>	