

AOTEAROA WAVE AND TIDAL ENERGY ASSOCIATION

Non-Members' NEWSLETTER

Volume 2, #8: 28 June 2007

Welcome to the June newsletter. This newsletter has been delayed to allow some additional information about the Annual General Meeting to be confirmed.

Members' and Non-members' Newsletters

This is the first time that the newsletter has been separated into two: this summary version for non-members and a full-content version for members. AWATEA's objective is to promote marine energy in New Zealand, both here and internationally and to encourage the increasing interest in marine energy here. We have to acknowledge the support we receive from our paying members but we wish to keep non-members informed of marine energy developments and AWATEA activities.

This newsletter will give non-members details of AWATEA's activities and a taster of what is happening internationally and domestically in marine energy. AWATEA relies on its members to fund its activities and thus wishes to encourage others to join. This will enable them to receive the full range of benefits and give AWATEA the wherewithal to pursue and promote its members' interests. We therefore encourage non-members to consider joining the Association to receive the full benefits of membership.

If you are a paid member and you are receiving this newsletter, please let us know at mail@awatea.org.nz and we will correct the mailing list error. If you have received the non-members' newsletter and would like to receive the members' newsletter, you can by joining the Association: an updated application form can be downloaded from the AWATEA website or supplied on request by sending an e-mail to admin@awatea.org.nz.

We welcome your feedback on the changes to the newsletter, the content of what you are receiving and what you would like to see covered.

Please send your comments to mail@awatea.org.nz.



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AWATEA News

Annual General Meeting and Developers' Day

As noted in the last e-mail, the first Annual General Meeting of the Association has been re-scheduled to **Thursday 16 August 2007** at a venue in Wellington yet to be decided. The meeting will follow the same format as last September's General Meeting: a brief (30 minutes) meeting to discuss the business of the Association at which members can vote on any motions and elections for the Executive, followed by a series of presentations open to a wider audience. Formal notification of the meeting will be sent out by mid-July.

Due to the shortness of time, the Executive has decided to hold the proposed Developers' Day after the AGM proceedings, rather than as a separate meeting. This will mean some small changes to the format of the Developers' Day. The meeting will be open to members and non-members alike, but 'Chatham House' rules will apply. There is likely to be a charge for attendance, which will be reduced for members.

The Executive will be standing for re-election at the AGM and there will be a vacancy for a Professional member on the Executive, as Tim Armstrong, who currently holds the role, is going overseas. The Executive would like to thank Tim for his input and support during the establishment of AWATEA.

Minister of Energy visits Wave Energy Project

The Minister of Energy, Hon. David Parker, visited the deployment site of...

Hector's (and Maui's) Dolphins Sanctuary Proposal

Forest and Bird have proposed the establishment of a sanctuary for Maui's dolphins...

AWATEA Website Upgrade

The website has been upgraded.

UK Trade and Investment Marine Energy Tour

A New Zealand delegation of five attended a 'Marine Energy Tour' of the UK organized by UK Trade and Investment in late May....

Regional Interest in Marine Energy

The spread of growing interest in marine energy can be measured by increasing references to its potential in regional documents and studies....

AWATEA and Other Submissions to the Australian Parliament

At short notice AWATEA discovered that the Australian Parliament was calling for submissions on the establishment of a renewable energy industry in Australia....

Marine Energy – Bulletin Board

AWATEA is increasingly receiving requests for contacts with NZ-based project developers. These requests are coming from people interested in working in marine energy and, occasionally, from potential investors in projects here. To date the Executive Officer has generally responded with a state of the 'industry' here and directed enquirers to the websites of members. However, this does not



necessarily spread the net wide enough either for the enquirers or for potential contacts.

The Executive is looking at having a Bulletin Board, either in this newsletter or on the website, which members and non-members can post brief details of their interests, qualifications and purpose. The service is likely to be free for members but there is likely to be a charge for non-members.

If this service is offered, it will be on the basis that the Association is not endorsing the users of the bulletin board. We welcome comments on the above.

Comment from the Executive

AWATEA put in a submission on the draft Energy Strategy, Energy Efficiency and Conservation Strategy and related climate change documents on 30 March 2007. In the lead-up to the submission the Executive canvassed views from the membership both through the newsletter and through the one-hour long discussion session at the "Blue Energy: Taking the Plunge" conference on 15 March. In the two weeks following the conference, AWATEA's draft submission was modified to incorporate the views of members expressed at the conference and in correspondence afterwards. The amended final submission is available on the AWATEA website.

Concern has been expressed that some members continue to feel that AWATEA's submission does not support all marine energy projects in New Zealand. This view persists because the final submission makes reference to research and development in New Zealand and to the benefits of developing intellectual property here.

For the sake of clarity, the Executive would like to make clear the following:

1. AWATEA's role is to "promote, aid and foster a vibrant and viable marine energy sector in New Zealand".
2. AWATEA's primary objective is to "to **promote the marine energy industry** in New Zealand, including research, energy generation, marine fabrication and marine services".
3. Its other objectives support this primary objective.

AWATEA does not discriminate between projects which seek to import overseas technologies or intellectual property and those which seek to develop these in New Zealand. It does support an active and engaged research and development community, just as it seeks to encourage a service sector (equipment, contracting, consulting, operations and deployment) to support future generation projects. To date AWATEA has made submissions to the New Zealand and Australian Governments on the potential for marine energy and has provided support to CREST Energy's resource consent applications for its project in Kaipara Harbour. AWATEA also actively engages with other organizations, such as the Energy Efficiency and Conservation Authority, regional councils, Department of Conservation, Worldwide Fund for Nature and others to promote a marine energy industry and the interests of its members.

AWATEA welcomes comments from its members and recipients of this newsletter on this issue (mail@awatea.org.nz).



Overseas News

International publications and presentations indicate a growing interest and awareness of the potential for marine energy.

World's Largest Tidal Current Generator To Be Grid-Connected

The installation of SeaGen this summer in Northern Ireland...

Hammerfest Strøm Rises Again

Hammerfest Strøm, the company that installed the first grid-connected tidal turbine in 2003...

AWS Ocean Energy To Install First Prototype In The UK

AWS Ocean Energy will test a 250 kW version of its pre-commercial Archimedes Wave Swing II....

Second Generation AquaBuOY

Finavera Renewables Inc. has begun construction on the AquaBuOY 2.0 wave energy converter...

Regional Power in the United Kingdom

Two recently announced projects in the United Kingdom demonstrate the development of regional projects in marine energy...

Performance Standards for Wave and Tidal Energy Devices

The Standards Council of Canada (SCC) is seeking interested parties representing consumers, industry, regulators, academics to participate in its committee on standardization....

Norwegian Ph.D. Research

You may remember the reference to the first International Symposium on Offshore Renewable Energy held in Trondheim, Norway in late May – early June. One of the convenors of the meeting has sent out questionnaires to over 90 device/project developers and is compiling a useful set of information, which he reviewed at the All-Energy conference. The student, Nicolai Lovdal, is looking to add New Zealand devices/projects to his inventory.

If you are interested in participating and receiving copies of the results of his survey, Nicolai can be contacted at nicolai.lovdal@iot.ntnu.no. In order to participate, you must be a technology developer intending to produce a wave or tidal energy generation device for commercial sale in future.

Nicolai is also participating in INORE, an International Network on Offshore Renewable Energy. Have a look at www.inore.org.



Diary of Forthcoming Events

If you are aware of an event that might interest AWATEA's membership, please e-mail details to: mail@awatea.org.nz.

Date	Location	Event
17-20 July 2007	Melbourne	Australian Coasts and Ports Conference
25 July 2007	London	Call for papers for IMAREST Oceanology Conference in London (March 2008)
13-15 August 2007	Wellington	9 th Annual NZ Energy Summit
16 August 2007	Wellington	AWATEA AGM & Developers' Day (details and venue to be confirmed)
21-23 August 2007	Hawaii	Energy Ocean 2007
23-26 August 2007	Wairakei	Leadership in a Climate of Change: a Dialogue for Change
29-31 August 2007	Hamilton	NZ Marine Sciences Society Conference
30-31 August 2007	Brisbane	3 rd Australia-NZ Climate Change & Business Conference
September 2007?	Wellington	Publication of the New Zealand Energy Strategy?
11-14 September 2007	Porto, Portugal	7 th European Wave and Tidal Energy Conference
29 September – 4 October 2007	Vancouver	Oceans07 Conference
October 2007?	Wellington	Publication of the New Zealand Energy Efficiency and Conservation Strategy
Week of 15 October, 2007	Messina, Italy	13 th IEA: Ocean Energy Systems Implementing Agreement Executive Committee meeting
11-15 November 2007	Rome, Italy	20 th World Energy Congress
30 November – 1 December 2007	Halifax, Nova Scotia	OREG Fall Symposium "Enabling Wave and Tidal Energy: Technical Challenges and Technology Transfer Opportunities"
11 – 13 March 2008	London	IMAREST Oceanology International 2008 Conference

In future newsletters, AWATEA will publish dates of other events such as closing dates for submissions to draft Government documents. AWATEA relies on conference organizers and other event organizers to advise it of dates for meetings and submission of abstracts.



AWATEA's Contact Details

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You can also contact AWATEA by sending an email to mail@awatea.org.nz.



The **Aotearoa Wave and Tidal Energy Association (AWATEA)** is a registered Incorporated Society. Its aim is to:

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

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 utilization 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.

