

## Ocean Energy Workshop

**10 October 2012, 10am - 5pm**

**Cape Town, South Africa**

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The Renewable Energy Centre of Research and Development (RECORD), within the South African National Energy Development Institute (SANEDI), Eskom and the Centre for Renewable and Sustainable Energy Studies (CRSES) welcome you to a workshop on Ocean Energy in South Africa. The objectives of this workshop are to:

- Discuss the pursuit of ocean energy development in South Africa
- Revive the South African Ocean Energy Network
- Review data availability and identify data gaps
- Elaborate on the process required to ensure that ocean energy becomes part of the renewable energy mix in South Africa
- Update members on the activities of the IEA Ocean Energy Systems Implementing Agreement

The invited speakers for today's programme will explain their respective company's interest and ocean energy as well as work that they have previously done or are privy to. Their talks should cover the following areas:

- Overview of work they are currently involved in
- What data they have and in what format it is, as well as whether they are able to share this data?
- Research gaps identified thus far
- Priorities warranting research

## Programme of Proceedings

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9:30-10:00 Registration and coffee/tea

### Session 1

**Chair person: Prof Wikus van Niekerk (Director of CRSES, University of Stellenbosch)**

10:00-10:10 Dr Thembakazi Mali (Senior Manager of Clean Energy Solution portfolio SANEDI)  
Welcome and outline of the format for the day

10:10-10:40 Dr Thembakazi Mali (Senior Manager of Clean Energy Solution portfolio SANEDI)  
Outline of SANEDI/RECORD's interest, priority and vision in ocean energy

10:40-11:10 Ms Kubeshnie Bhugwandin (Renewables Research Manager Eskom)  
Outline of Eskom's interest, priority and vision in ocean energy

11:10-11:30 Tea/Coffee break

### Session 2

**Ms Kubeshnie Bhugwandin (Renewables Research Manager Eskom)**

11:30-12:00 Prof Wikus van Niekerk (Director of CRSES, University of Stellenbosch)  
Outline of CRSES/University of Stellenbosch's research interests, priority and vision in ocean energy

12:00-12:30 Dr Padhraic O' Connor (Coastal Engineer, CSIR Stellenbosch)  
Outline of CSIR's research interests, priority and vision in ocean energy

12:30-13:30 Lunch break

### Session 3

**Chair person: Dr Thembakazi Mali (Senior Manager of Clean Energy Solution portfolio SANEDI)**

This is a discussion session where the following objectives will be addressed:

- Elaboration on the process required to ensure ocean energy becoming part of the renewable energy mix in South Africa
- The pursuit of ocean energy development in South Africa
- Consideration of data availability and identification of data gaps to be addressed
- Update for members on the activities of the International Energy Agency (IEA) Ocean Energy Systems Implementing Agreement
- Revival of the South African Ocean Energy Network (SAOEN)

13:30-15:30      Discussion

15:30- 15:50      Tea/coffee break

15:50-17:00      Discussion

#### **Expected outcomes from workshop and agreed way forward**

- Minutes of the meeting and discussion
- Focus areas for ocean energy research
- Possible collaboration/alliance formation between insitution/companies/partners
- Creation of a “vision” for the SAOEN
- Agreement on “next steps”