

Invitation to OTEC Workshop

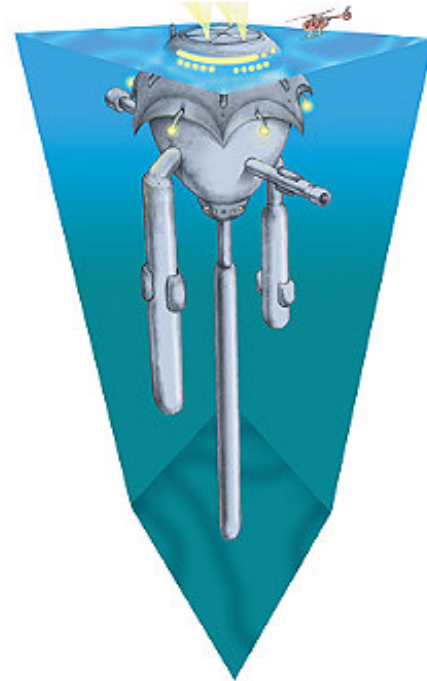
Sustainable Energy for Sustainable Townsville

**The Society for Sustainability and Environmental Engineering
A Society of Engineers Australia**

Where TPA Board Room
Date Thursday 29 September, 2005
Time 4:45 pm for 5 pm to 7 pm
RSVP Important. See details below

The **Society for Sustainability and Environmental Engineering** presents a forum to consider the potential opportunities for Townsville from the development of an OTEC industry. OTEC – Ocean Thermal Energy Conversion - is a renewable energy technology that has long been considered a potential source of low cost, **carbon neutral base load electricity** as well as **bulk desalinated fresh water**. Given the anticipated costs, it is suggested that an **international consortium** would be required to fund the development of the technology to commercialisation.

It is **visioned** that an OTEC consortium could be formed in Townsville. The workshop will consider Townsville's potential role in the international OTEC industry. It will also consider the possibility of establishing an OTEC plant offshore North Queensland for the provision of baseload power and freshwater.



Illustrators' impression of an offshore OTEC plant – by Dean Willey, Townsville.

Townsville is considered a suitable site for the development of OTEC technology because of:

- Research and Management institutions with marine & engineering capabilities
- Industrial base to support development of the technology
- Spiralling demand for base-load power
- City-wide support for sustainable development & cleaner production

www.seao2.com/otec

RSVP: Guy Lane - Chair - Society for Sustainability and Environmental Engineering, North Queensland - info@seao2.com - 0410 450 351

- Light Refreshments will be Served -

