

## **COMNAP ENERGY MANAGEMENT WORKSHOP**

**SUNDAY 8 AUGUST 2010  
BUENOS AIRES**

### **MEETING OBJECTIVES**

To discuss energy management issues in an open manner and learn from the experience of others in COMNAP

### **AGENDA**

1. Introduction – ATCM requirements and other issues – David Blake
2. Princess Elisabeth Station energy concept – Johan Berte
3. Satellite Communications for field activities – Daniel Faber
4. Solar Systems at DOME C and vertical axis turbines – Patrice Godon
5. 20 kWatt vertical axis turbine for Syowa Station – Kenji Tszizawa
6. The NZ/US windfarm – Ian Miller
7. Energy Management for Jubany – Adrian Ilinca
8. Energy Initiatives at AAD – Rob Clifton
9. Princess Elisabeth Station energy services – Johan Berte
10. Energy and Sustainability at BAS – David Blake

### **OUTCOMES**

- Energy management is a key issue for most national operators and an emerging issue for the other operators.
- Energy management is necessary to reduce costs and meet carbon budgets.
- There are positive messages to report on operator initiatives in energy management. The workshop provided an opportunity to exchange experiences and knowledge.
- There are concerns as to how complex turbines and electrical management systems are supported in the field – train staff or use contractors?
- A common approach to reporting fuel and energy use, power output, power use/number of staff/volume of facilities etc., would assist operators and enable COMNAP to respond to external requests for energy information.
- Energy management covers fuel saving on heating systems, vehicles and ships as well as buildings and generators.

### **ANTARCTIC TREATY MEETING OF EXPERTS (ATME)**

ATME recommends that parties (COMNAP) to be requested to:

- Encourage continuing efforts in developing and exchanging experience of energy efficiency and alternative energy practices
- Solicit from COMNAP a report on progress on the implementation of its Best Practice for Energy Management – Guidance and Recommendations
- Welcome the efforts of IAATO in working towards developing best practice towards reducing carbon footprint of its four ships.

### **ATME**

- Encourage COMNAP to work with National programmes to quantify and publish savings made by energy efficiencies which contribute to reducing carbon footprint and reducing fuel consumption and energy costs.