

## **SANEA AWARDS 2008**

### **Categories & Short-listed Candidates**

#### **PROJECT AWARD 2008**

##### **Bethlehem Hydro (Pty) Ltd**

**Recipient: Anton-Louis Olivier  
Managing Director  
Bethlehem Hydro (Pty) Ltd**

The project and its developer, Anton-Louis Olivier of NuPlanet (Pty) Ltd, has proven its leadership in the Independent Power Plant (IPP) market in South Africa by being the first renewable IPP project to reach the construction phase and confront the conventional wisdom that renewable energy cannot be competitive in South Africa. The project was awarded the Development Bank of South Africa's Green Project of the Year Award in 2006 when it showed that small and renewable energy projects can be bankable. The project was also the first power project in South Africa to use carbon credits under the CDM as part of its project financing. As a result of Bethlehem Hydro's ground breaking work a number of other renewable energy power projects are now being developed in South Africa following the route and model set by Bethlehem Hydro. Bethlehem Hydro is currently under construction and is scheduled for commissioning by August 2008

##### **Eskom: Demand Side Management**

**Recipient: Latetia Venter  
Communications Project Manager  
Eskom**

In order to keep electricity users informed about the daily power situation and give information as to how they can help, the "Power Alert Gauge" has been designed. The Power Alert project schedule was an example of efficiency in itself, progressing from concept to television feature in less than two months.

Not only was its schedule bettered, but Power Alert has succeeded in helping customers to make the link between personal electricity use and the national supply and demand situation. The success of the tool lies in its empowerment properties. For the first time, consumers are being provided with real time information on the electricity supply situation in their region. Added to that, they were given clear, practical ways in which to reduce their consumption and in so doing influence the situation. Finally, and probably most importantly, the feedback loop is closed in that the broadcasts only cease once the supply situation has returned to normal. Consumers were therefore actively and intimately involved in keeping the lights burning.

## **Toyota South Africa Motors**

**Recipient: Mary Willemse  
Manager: Communications & Publications  
Toyota South Africa Motors**

Companies such as Toyota South Africa Motors with large industrial plants will benefit from finding alternative energy resources in the face of energy shortages and consequent rising costs. Under the theme "Growth in Harmony with the Environment", plans and related environmental programmes to achieve Toyota's objective of synergy between the company's growth and the well-being of society are implemented by contributing to the development of society in a sustainable manner. A prime example of this is Toyota's Prospecton plant in Durban which previously used electricity and gas to heat water but has now been converted to use energy from the sun as a source of heat, converted via a large array of solar power panels across the roof of the factory.

By the end of 2008, Toyota will have installed 270 solar panels into its Durban plant. The company's decision to install solar panels will enable them to operate at full capacity while also reducing demand on Eskom. While the project has cost Toyota R3.5 million, the company expects to save R95 000 per month on energy costs. Not only is this a significant financial saving, but it shows that Toyota is supportive of Eskom's energy saving initiative. The car manufacturer will also reduce carbon dioxide released to the atmosphere by approximately 1 350 tons per annum.

## **JOURNALISM AWARD 2008**

### **Edwin Naidu**

**Recipient: Edwin Naidu  
Senior Writer & Editor: Sunday Drive  
The Sunday Independent**

As a journalist Edwin has made special efforts within the field of journalism to promote greater understanding of energy and its role in the sustainability of human endeavour. His reports are objective, reflected consistency, engaged across the board on energy matters and well informed. Particularly, interesting was his front page story "*Eco-threat to the Waterberg*" on August 19, 2007, about Sasol's mega-coal-to-liquid fuel plant. The report was balanced, and well-informed, giving Sasol, the environmentalists, economists and politician's equal opportunity to state their plans and reflect the concerns about this major energy development would have on the biodiversity in the area.

The article "*Help save the planet - and yourself a mint*" on August 26, 2007, was extremely informative in spelling out what consumers could do to reduce the carbon footprint. Edwin says "I enjoyed writing about it because I learnt so much myself, making me realise that the change is not in telling readers what they should do but getting to grips with the fact that the change actually starts with the writer."

## **Engineering News**

**Recipient: Terence Creamer  
Editor  
Engineering News**

After nearly three decades of business-to-business publishing, Engineering News has earned wide respect for consistently providing South African businesses with information that opens doors to new business opportunities, allows companies to showcase their products, services and branding, and keep all private and public sector participants in the economy at the cutting edge of the constant evolution of the South African and global business environment. Energy has been the lead topic of many editions and the reporting has been objective, informative and appropriately provocative, stimulating South Africans to think more deeply about energy's role in our future development.

Over the past decade, the publication has moved into the internet age, publishing real-time online editions of Engineering News. Both news magazine and online formats provide a unique forum where readers can find news and comment critical to business success in an increasingly competitive knowledge-based global economy.

## **Eleanor Momberg**

**Recipient: Eleanor Momberg  
News and Feature Writer  
The Sunday Independent**

South Africa's electricity crunch has been coming for some time. The signs were there but neither Government nor Eskom acted on the warnings for nearly a decade. As the energy crisis developed, The Sunday Independent took a broad approach, looking at all aspects of the power shortage. Eleanor says "As the journalist assigned most weeks to cover Eskom and the latest developments around the crisis, I had to come up with new ideas on how to explain to our readers what it meant; how it was being, or would be, addressed; what wet coal was and how it came about; its effects on other sectors of society and the economy; and many more. I believe I have completed my task well, got people thinking and talking, and got officials and spokespeople to give me information they would give no-one else."

"Chief among the aims with the articles was not only to inform our readers objectively and properly about what was happening, but also to try and promote a greater understanding of the subject."

Eleanor's articles show that not only is the quality of reporting vital, but also the need to be consistent, and to follow up. It is also important to cover all angles such as the effects of power outages on other energy sources. The article about the Eastern Cape game farmers, businessmen and conservationists who are still threatening legal action to stop or divert planned high-voltage power lines from cutting across their properties to supply electricity to the Coega industrial development zone clearly articulated that energy is not only about supplying electricity, or a shortage thereof, but that getting it to where it needs to go also affects the lives of others.

## EDUCATION AWARD 2008

### Dave Wright

**Recipient: Dave Wright**  
**General Manager: Corporate Planning**  
**Engen Petroleum Limited**

SANEA holds monthly lectures on a wide range of energy topics. Dave was invited to address SANEA members at the February 2008 lecture. The topic he addressed was the oil industry in South Africa and a possible future demand scenario. He indicated the product imbalances quite clearly, and discussed the implications for any new refinery in terms of operational design for the balance between petrol and diesel. The diesel shortage currently experienced is not going to evaporate and has very serious consequences for the economy. The country is now importing nearly one billion litres of diesel to meet surging demand. The presentation resulted in many very interesting questions which Dave answered superbly.

Part of SANEA's brief is to educate on broad energy matters, and to provide a platform for debate on all energy issues. This lecture certainly did stimulate debate.

Dave educated SANEA members on the challenges facing the local oil industry in a way that was easy to understand. Dave made the audience aware of the liquid fuel supply challenges, and difficulties facing investors in making the right design decisions. Most of the audience came away with a better understanding of the urgent need to either build a new refinery appropriately configured to produce diesel – or to try to cut back on our oil consumption!

### **Minerals and Energy Education and Training Institute (MEETI)**

**Recipient: Dr Olga Svoboda**  
**Director: Minerals and Energy**  
**MEETI**

The Minerals and Energy Education Training Institute (MEETI) aims to contribute to improving the implementation process of public policies in the minerals and energy sectors by enhancing the knowledge of stakeholders about the management of the industry, potential risk factors and about compliance requirements with the new legislation.

In South Africa the policy process and subsequent implementation suffer from a lack of capacity for delivery and gaps in knowledge about the structure and management of the industry among all role players: Government, labour and business, as well as less formally organised parties, such as NGOs, small entrepreneurs and communities. Capacity enhancement within the minerals and energy sectors is vital for the success of policy implementation and economic development of South Africa.

Since inception ten years ago, MEETI has been a part of these policy processes by providing much needed education in policy, legislation and industrial management. Through focused training programmes aimed at the new generation of policy makers and managers in the energy and mineral sectors, MEETI has contributed to better appreciation and understanding of the complexities of the social and economic development of the country and the SADC region.

MEETI's training courses are compatible with the National Qualifications Framework, accredited by the University of Witswatersrand and recorded with SAQA institute. MEETI also offers customized, focused events of concern to the leadership in the industry, government and labour and in particular promotes access to its courses for historically disadvantaged South Africans