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Globe Award 2011 – Leading Sustainability Awards

Six eminent researchers nominated for the Globe Sustainability Research Award 2011

STOCKHOLM, March 4th, 2011 – Six outstanding researchers have been nominated for the Globe Sustainability Research Award 2011. The Research Award – one of four categories which make up Globe Award 2011 – It is given for original and prospective scientific research contributing to improving sustainability in the world.

Globe Award is presented for the fifth consecutive year. The aim is to discover and encourage researchers, innovators, cities and companies which distinguish in sustainable development. Globe Award's mission is to highlight and acknowledge particular cases and initiatives within sustainability area.

The nominees are:

- **Anthony Schoofs**, Ireland
- **Dubai Municipality**, United Arab Emirates
- **Oxis Energy Limited**, UK
- **Prof. Göran Broman & Prof. Karl-Henrik Robèrt**, Sweden
- **Prof. Zhifeng Yang**, China
- **Renewable Communities**, USA

The jury consists of highly experienced and internationally recognized experts. Chairman of the jury group for the best Sustainable Research is Professor Mohan Munasinghe, Shared 2007 Nobel Peace Prize Laureate as Vice Chair of the U.N. Intergovernmental Panel on Climate Change (IPCC), and Chairman of MIND.

"The main challenge of the 21st century is '*making development more sustainable*'. We are all stakeholders. The Globe award helps us identify and recognise excellence in the pursuit of sustainability. It has elicited many fine nominations in 2011, making the jurors' task both rewarding and difficult. We are confident that the sustainability research award will continue to be viewed as the premier award of its kind in the world", says Mohan Munasinghe.

The jury has been working with five criteria to evaluate the nominees. Is the research original? Is the research practical – has it been implemented or can it be implemented easily? Has the research led to any economic gains to society? Does the research encourage and advance protection of the environment? What are the broader social impacts and benefits, and how does the research help society specifically in developing countries?

The winner will be announced on the 28th of March.



The Globe Award has decided to take further environmentally-friendly steps and fulfill its mission to contribute to sustainable development by reducing its carbon footprint. We truly believe that small actions do make a difference. It is our obligation to promote sustainability not only in theory, but, also, in practise. Therefore the prize ceremony will be held virtually at the Globe Forum sustainability conference in Stockholm on May 11th.

The winner and the jury will present the winning projects. There will be an online chat after the prize ceremony so anyone who wishes can put forward questions directly to the laureates.

More information about the program is available at: www.globeforum.com/stockholm

For more information please contact:

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Press room: www.mynewsdesk.com/se/pressroom/globe_forum

More information about the nominees:

Anthony Schoofs, Ireland: This research aims at improving the efficiency of energy use in commercial buildings by providing fine-grained accounting on where electricity is spent. Anthony's research has shown that the power contribution of individual appliances can be extracted from a building's power load captured with a single meter, via intelligent pattern recognition technique, or via combination with other sources of information such as machines' activity onto local area networks indicating power consumers at a given time.
www.wsnbuzz.com/homepage

Dubai Municipality, United Arab Emirates: This research addresses the major environmental threat of Municipal Solid Waste (MSW) in the Emirate of Dubai. Accordingly Economical and technological opportunities such as MSW recycling and treatment technologies are suggested which will have a direct impact on the economic gains and contribute to building a healthier environment for the society. The public and business sectors are encouraged to support and improve waste minimisation, management and disposal as well as the implementation in the long-term Waste Minimisation through ongoing communication, engagement and education.
www.dm.gov.ae

Oxis Energy Limited, UK: The research describes an invention of rechargeable battery, capable of storing large electrical charge in a cheap and safe way. OXIS began developing its newly created battery six years ago. This new battery is categorised as „Polymer Lithium-Sulphur“. This electrochemical system has a colossal potential to exceed the energy of the best



known modern batteries, by a factor of five. OXIS can deliver 50-100% more energy with this new battery, when compared with other modern batteries, yet development is in its early stages.

www.oxisenergy.com

Prof. Göran Broman & Prof. Karl-Henrik Robèrt, Sweden: The research focuses on making a unifying framework for strategic sustainable development (FSSD) and aligned methods and tools widely known and accessible at a time when it is needed the most. The goal of the research is real change towards sustainability. The FSSD is deduced from empirical data on impacts from unsustainable development, tested in the real world, refined and tested again over two decades of action research. This makes the FSSD highly practical and there are many testimonials that it has helped solving problems and creating innovative solutions in service, production, retail, finance and governmental planning in municipalities. www.bth.se

Prof. Zhifeng Yang, China: Dr. Yang has been working long-term in the field of environmental sciences, especially in water management systems in river basin and urban ecological planning and management, which relate closely to each other. In the field of water management systems in river basins, he established principles, guidelines and an indexing system of environmental flow assessment for various ecosystems such as wetlands, rivers and lakes, etc., and initiates the threshold theory of environmental flows.

Renewable Communities, USA: This research examines energy solutions found at the local level – what we describe as ‘Community Renewable Energy’, or CRE. This research presents findings from 21 studied communities in the developed world (concentrating on North America, Europe and Australia) who are generating electricity and heat energy in their communities using renewable resources. While acknowledging the positive contributions that CRE makes to reduce the negative impacts of energy generation, we highlight the importance of incorporating a Strategic Sustainable Development (SSD) approach to help CRE projects avoid creating unintended negative impacts, which is incorporated in a Sustainable Community Renewable Energy (SCRE) Tool for communities, created as a result of the research.

www.renewablecommunities.wordpress.com

The Jury:

Prof. Mohan Munasinghe – Chairman, Professor, Shared Nobel Peace Prize 2007, Director General of Sustainable Consumption Institute, University of Manchester, Sri Lanka

Prof. Fred Dubee – Professor, UN Global Compact, Senior Advisor working extensively in China and throughout Asia, Ireland

Prof. Shiqiu Zhang – Professor, Director, Institute of Environment and Economy (IoEE), University of Peking, China

Prof. Peter Meier – *Consultant for energy and environment to the World Bank, previously Chairman of the Energy programme at the State University of New York at Stony Brook, Switzerland*

Dr. Dana Cordell - *Research Principal, Institute for Sustainable Futures, University of Technology, Sydney*

Globe Award was founded in 2007 in Sweden by the international business network and marketplace Globe Forum. Globe Award 2011 is acknowledging prominent researchers, innovators, cities and companies – from all parts of the world – within four categories Sustainability Research Award, Sustainability Innovation Award, Sustainable City Award and the Sustainability Reporting Award; www.globeaward.org, www.globeforum.com