



# LEE KUAN YEW WATER PRIZE 2012

CALL FOR NOMINATIONS



# HONOURING OUTSTANDING CONTRIBUTIONS TOWARDS SOLVING GLOBAL WATER PROBLEMS

The highlight of the Singapore International Water Week, the Lee Kuan Yew Water Prize recognises outstanding contributions towards solving global water problems by either applying revolutionary technologies or the implementation of innovative policies and programmes that benefit humanity.

This prestigious international award is named after Singapore's former Minister Mentor Lee Kuan Yew, who through his foresight and leadership, has enabled Singapore to attain sustainable water supply.

Be it innovative technologies or holistic water management policies, the achievements of Lee Kuan Yew Water Prize laureates, Dr Andrew Benedek (2008), Professor Gatze Lettinga (2009) and the Yellow River Conservancy Commission (2010) represent the pinnacle in sustainable water solutions that have made a difference to lives around the world.



Lee Kuan Yew Water Prize 2011 laureate,  
Dr James L. Barnard

## LEE KUAN YEW WATER PRIZE 2011 LAUREATE

Dr James L. Barnard is awarded the Lee Kuan Yew Water Prize 2011 for his groundbreaking invention of the Biological Nutrient Removal (BNR) technology, an environmentally sustainable, biological method to treat used water.

Dr Barnard's BNR technology revolutionised used water treatment processes by using naturally occurring micro-organisms instead of conventional chemicals to remove nitrogen and phosphorus from used water. This helps to protect water quality in lakes and rivers, minimise negative impact on the environment and promote the recycling of water.

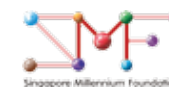
Dr Barnard is internationally recognised as the "Father of BNR". His relentless research and development work on BNR has helped to advance the reclamation of used water as a precious resource that can be recycled. BNR processes have also protected the world's water resources and the communities that depend on it.

## THE PRIZE AND SPONSOR

The winner of the Lee Kuan Yew Water Prize will receive S\$300,000, an award certificate and a gold medallion at the award ceremony held during the Singapore International Water Week. As the sole sponsor for the Lee Kuan Yew Water Prize, the Singapore Millennium Foundation, a philanthropic body supported by Temasek Holdings has pledged S\$1.5 million over five years from 2008.

The Singapore Millennium Foundation's primary mission is to promote research and development of human capital, and the enhancement of Singapore as a centre for research. The SMF's partners include the universities in Singapore as well as research institutes such as Temasek Life Sciences Laboratory, National Cancer Centre, Singapore, National Neuroscience Institute, the Institute of Mental Health and Singapore General Hospital. It has supported research in the areas of Liver Cancer, Parkinson's Disease, Neuromuscular Disease, Mental Health and Biofuel. Over the long term, the SMF plans to support other areas of research such as Pedagogy and Learning, Special Needs Education, Ageing and Palliative Care and Non-Medical Bioscience.

Prize Sponsor:



## NOMINATIONS

Singapore International Water Week is now calling for nominations for the Lee Kuan Yew Water Prize 2012.

Nominations for the Lee Kuan Yew Water Prize 2012 must be made by qualified nominators, such as leaders of international water companies and water utilities, top academics in water research, policy and management, heads of international organisations, members of government, or distinguished individuals in the water field. Nominations will undergo two rounds of rigorous selection.

First, the Nominating Committee will thoroughly examine all submitted nominations. Recommendations will then be made to the Water Prize Council, which will decide on the Prize Winner.

The closing date for nominations is **31 October 2011**.

For more information, visit [www.siww.com.sg](http://www.siww.com.sg)  
or email [leekuanwaterprize@siww.com.sg](mailto:leekuanwaterprize@siww.com.sg).

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