



**News Release**  
**EMBARGOED UNTIL 5.30PM**

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## **Dayen Achieves Revolutionary Breakthrough with Floating Platform to Store and Transport Crude Oil and Coal**

- **R&D Collaboration with National University of Singapore Pioneers New Engineering Technology for Oil and Coal Storage and Transportation**
- **International Patent Pending for Invention of Large Capacity Floating Platform**
- **Group's Extensive R&D Efforts Yield Results, Creates New Revenue Stream to Propel Group into the Global "Big League" of Energy and Resource**

**Singapore, 15 May 2008** - Singapore SGX-Listed Dayen Environmental Limited ("Dayen", "Company" or "The Group"), one of Asia's leading environmental engineering specialists providing integrated systems for waste and water treatment, announced today ***a milestone leap as they achieve global technological breakthrough with the invention of a floating platform for the storage and transportation of crude oil and coal.***

This ground-breaking design has been developed and is pending international patent. A joint effort between Dayen and the engineers at the National University of Singapore ("NUS"), the floating platform pioneers three key unique selling points: -

- 1) 'Offshore' Storage Facility**  
Attractive to nations facing scarcity of land and seeking other means of storage
- 2) Mitigates Risks associated with Land-Based Catastrophes**  
By isolating boundaries of danger, the design offers a safe alternative to minimize the impact of damage to the surroundings in event of land-based calamities
- 3) Flexible Mobility**  
Platform can be towed away or anchored

### **OffShore Storage Facility**

Dayen has achieved a world first in pioneering a storage facility for coal and crude on a floating barge. It offers a unique alternative "shelf-space" for land-strapped nations like Singapore with active large Oil and Gas industry as well as cold Scandinavian countries with significant interest in the Oil and Resources sector where land is reserved for animal husbandry.

### **Mitigates Risks associated with Land-Based Catastrophes**

Dayen has addressed the urgent need for more safety by designing a floating feature, which isolates the area of damage owing to calamities, thus preventing large-scale losses. With the flexible feature of mobility, damaged areas can be towed away to ensure minimal disruption.

### **Mobility & Durability**

Based on the same principal mechanism as the Singapore's National Stadium, Dayen's floating platform has the advantage of being anchored or moved and thus, is not restricted by how extensive the scale of construction will be. In terms of durability, NUS has tested an agent that will render the platform rust-proof and also strong enough to withstand oceanic currents.

Said John Lee, Executive Chairman of Dayen, "I am proud to announce this is yet another milestone breakthrough for Dayen. The Company attributes this innovation entirely to the highly competent engineers at NUS. Without their expert capabilities and knowledge in R&D, we would not have been able to gain our first-mover footing; and to aggressively push for a design patent."

He says, "This comes as another groundbreaking first in a rapid-fire series of landmark achievements we have been announcing over these recent months. We are highly optimistic of the prospects of this new invention that will create another revenue stream for the Group. Most excitingly, this facility will put Singapore on the world map for engineering innovation, supporting our thrust into the global Coal and Energy Resources market, and join the ranks of "world-class" players internationally."

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### About Dayen Environmental Limited

Listed on SGX Sesdaq since April 2002, Dayen Environmental Limited ("Dayen") is one of Asia's leading environmental engineering specialists that provide integrated systems for waste and water treatment. Dayen is capable of designing, building and implementing specialized equipment used in all aspects of waste and water treatment processes.

Since its inception in 1986, Dayen has repeatedly secured substantial contracts from its key customers such as the Public Utilities Board in Singapore. (PUB) It holds the ME11 (L6) grade for mechanical engineering, which allows it to bid for mechanical engineering contracts of unlimited value in Singapore.

In a diversification of its business model, Dayen branched into the energy extractions industry in Dec 2007.

Headquartered in Singapore, Dayen also has presence in Dubai, Beijing as well as in other parts of Northern China. The Group currently has total staff strength of about 100.

*More information on Dayen is available on [www.dayen.com.sg](http://www.dayen.com.sg)*

**Issued for and behalf of Dayen Environmental Limited**

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