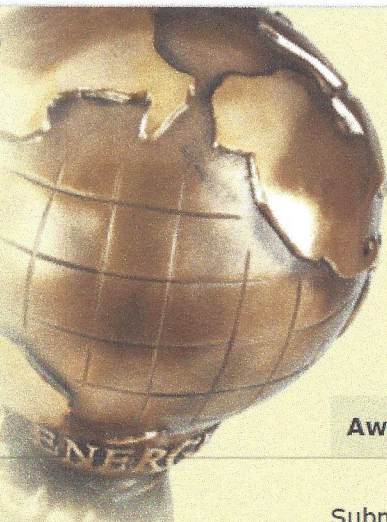


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**Awards:** National Energy Globe Award United Arab Emirates (overall winner)

Submitted by: **CSEM**

Implemented country: **United Arab Emirates**

Title: **CSEM Solar Island**

CSEM Solar Island is a new concept that provides solar energy (electricity or fuel) in very large quantities and at competitive costs. A Solar Island, deployed on high sea, is an artificial island of potentially large dimensions (several kilometers in diameter), almost immune to waves and wind, carrying solar panels and aligning them to the sun by simply rotating the island. The island floats on a cushion of air; no mechanical structures are needed to support it. It can also be installed on land, floating in a circular channel. A prototype is currently being built in the U.A.E.