



Immediate Release
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Arup Engineering Services Engaged by EnviroMission

[EnviroMission](#) has appointed Arup to take Solar Tower power station development forward in the USA.

“Arup has been engaged by EnviroMission to provide executive engineering services for the Australian Solar Tower Concept project proposed for Arizona, USA,” Arup Principal, Building Services, and Arup project spokesperson, Ken Stickland said in confirmation of Arup’s appointment by EnviroMission.

“EnviroMission’s aim to develop Solar Tower technology from concept to commercial reality has always been maintained in the knowledge that only the highest level of engineering support capabilities could achieve this strategic intent.

“The engagement of Arup to provide executive engineering services for EnviroMission’s first 200MW Solar Tower development planned for Arizona *has* secured the innovative engineering support capabilities demonstrated through Arup’s broad range of expertise and multidiscipline skills.

“Arup is internationally renowned for its experience in addressing complex engineering and environmental challenges of an order to some of those anticipated in Solar Tower design and construction.

“At the core of the Solar Tower concept is the unique engineering challenge where every material and dimension of the design has a function in the optimization of solar radiation being used effectively to heat air, to create a thermal updraft that will drive turbines to generate clean, sustainable, electricity.

“The iconic features of Solar Tower design will deliver new efficiencies in renewable energy that will be achieved without the use of water typically used yet seldom accounted for in the economics of electricity generation.

“Arup has completed key aspects of the methodology for site specific Solar Tower design and performance analysis under an existing Memorandum of Understanding.

“Arup has been engage to provide professional engineering services to deliver site specific Front End Engineering and Design (FEED) for EnviroMission’s 200MW Solar Tower proposed for development in Arizona, that once constructed, will generate electricity for the Southern California Public Power Authority (SCPPA) under the terms of a Power Purchase Agreement (PPA) approved by the SCPPA on October 21, 2010” said EnviroMission’s Chief Executive, Roger Davey.

Mr Stickland for Arup said *“Arup is extremely pleased to have provided its expertise to Enviromission, to win this approval and commitment.”*

“The global responsibilities of all organisations is to ensure we are developing and delivering solutions that maximise the use of renewable resources.

“The Enviromission Solar Tower is stark evidence of a major contribution applying innovative technologies using existing proven components to satisfy global increasing demand for electricity.

“Arup is excited by the ongoing engagement which aligns with our commitment to a sustainable future,” Mr. Stickland said.

Arup's experience crosses many different sectors from water, energy, and waste, to resource extraction through mining, and science and industrial activities. Arup's capabilities and iconic developments can be viewed at the Arup website arup.com.

Due diligence associated with a capital raising negotiation currently underway has been completed with legal documents expected to be finalized in this second quarter to provide EnviroMission with the necessary working capital to progress through FEED and meet land acquisition related expenditures also anticipated in Q2 and Q3.

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General and Media Enquires

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