

Technology Needs Form



Steinbeis Centre for
Technology Transfer India

*Title: <i>Cleaning agents for Solar Panels</i>	*Author:
*Creation Date:	*Desired Timeframe for Acquisition of Technology: _ 3 months _ 6 months _ 1 year _ longer

***Description of Technology Need and its Operating Parameters:**

Cleaning agents for Solar Panels (Commercial) is the broad requirement. Solar panels gather dust, soil, bird droppings, fog, moisture and other matter resulting in layer formation that needs to be cleaned periodically in order to maintain the performance of the solar panels. The cleaning agent should be a custom composition that can particularly remove cement dust and other dirt matter mentioned efficiently without damaging the glass because of the harsh chemicals it may have. The composition of the cleaning agent should also be devoid of any chemicals that may be harmful environmentally or be toxic to the human personnel in view of exposure during the cleaning activity in the field.

***Desired Outcome of the Solution:**

The cleaning agent should help remove hard to remove scales or any dirt/soil matter adhering over a period of time and not harm the glass over the solar panel that otherwise may result in reduced efficiency

Field of Use and Intended Application:

The chemical agent or formulation is meant for cleaning commercial solar panels

Previously Attempted Solutions (if any):

Cleaning agents that are either not effective or are costly

Other Comments:

The cleaning agents need to be environmentally safe, non-toxic and cost effective

Mode Technology Transfer Acceptable:

The product need to have proven capability at commercial scale. The first step would have to be able to furnish sample for evaluating or demonstrating the effectiveness. If reasonably satisfactory, the options could be a license to make it or technology transfer.

Restrictions:

We would not like to get involved with any suppliers who may already be in the business. Eventually, we may opt for technology transfer or distributorship if the technology holder resides outside India.

*** Indicates a required field**

Please fill this form and return it to Ms. Sreedevi, AGM & Head- Tech Transfer at tech-mktg@steinbeisindia.com