






## CALL FOR AWARDS

Convert your clean technology innovation into a successful business

The world's largest clean technology competition is looking to help Pakistani entrepreneurs (SMEs and Startups) with the best ideas that deal with today's most imperative energy, environmental and economic challenges.

The Cleantech Programme in Pakistan is open for applications. This competition is open to all those living in Pakistan with business ideas and prototypes under the eligible categories.

- ELIGIBLE CATEGORIES**
-  Energy Efficiency
  -  Renewable Energy
  -  Water Efficiency
  -  Waste to Energy
  -  Green Building

**Application  
Deadline**  
**30<sup>th</sup> June 2017**

**APPLY ONLINE**

<http://www.cleantechopen.com/Pakistan>

**For Further Information**

-  <http://www.facebook.com/GCIPPakistan>
- <http://www.facebook.com/UNIDOPK>
-  [www.cleantech.pk](http://www.cleantech.pk)

GCIP AWARDS 2017\*

<b>National Winner</b> <b>\$ 20,000</b>	<b>Women Lead Team</b> <b>\$ 15,000</b>
<b>Category Prizes</b> <b>\$ 15,000</b>	<b>Industry Challenge Award</b> <b>\$ 15,000</b>

**Plus Learning Trip to Silicon Valley, California, USA  
For all 5 Winners**

YOU CAN ALSO JOIN THIS COMPETITION AS

JUDGE MENTOR	VOLUNTEER	SPONSOR ATTENDEE
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\*Awards are package of cash & services

*Please see attached details for Industry Challenge Award.*



## Industry Challenge Award 2017

Convert your clean technology innovation into a successful business

The annual clean technology competition in Pakistan offers an additional opportunity to win a **cash prize of \$ 15000** for cleantech solutions to industry challenges as “Industry Challenge Award 2017.”\*

The competition is open for applications from SMEs and Startups for their innovative cleantech solutions in response to the current challenges of Pharmaceutical and Steel industries in Pakistan. Leaders of both industries are ready to welcome your creative ideas. The most innovative solution resolving such challenges will receive this award.

### Develop a creative solution to the following challenges and win Industry Challenge Award 2017

#### Challenges of Pharmaceutical industry



- Treatment of effluents
- Recycling of Ethanol and other chemicals
- Treatment of waste water
- Automation of Plants or Processes
- Efficient management of Energy Load
- Zero Discharge solutions
- Disposal of organic waste
- Efficient designing of composting plant
- Energy efficient Air Handling Units
- Efficient incineration techniques
- Clean disposal of Batteries / CFLs / E-Waste/ Canisters/ Inhalers etc.
- Compliance of CGMP (Current Good Manufacturing Practices) requirements
- Any other challenge

#### Challenges of Steel industry



- Minimization of burning loss
- Emission control and gauging
- Clean fuel for furnaces
- Efficient management of Energy Load
- Automation of Plants and Processes
- Enhancement of Induction furnaces efficiency
- Waste recycling i.e. Black Soil and others
- Energy efficient Burners and Furnaces
- Efficient Management of Natural gas
- Energy efficiency in rerolling process
- Efficient management of motors, blowers, overhead cranes, and other equipments
- Reducing heat loss, increasing recovery of waste energy and process gases
- Any other challenge

\*please see page 1 for details, follow the deadline, apply via prescribed link and mention “**Solution for Steel or Pharma Industry**” in the problem statement of the application form