

Application for Science Collaboration Symposium
Attending Countries: UK and Gulf Countries
Theme: Clean and Renewable Energy
Dates: 30 October – 1 November 2017
Location: United Arab Emirates

Background

The availability of enormous renewable energy potential in the Gulf region, coupled with a number of other factors, has encouraged most of these countries to develop renewable energy projects and declare national targets for deployment of renewable energy technologies. These factors vary from one country to another, but in general include population growth, economic expansion, industrialisation, urbanisation, rural development, scarcity of water resources and climate change vulnerabilities.

The Gulf region is comprised of some of the world's largest hydrocarbon producing countries. Combined, these countries control almost a third of proven crude-oil reserves and approximately a fifth of global gas reserves. Harnessing these fossil fuel reserves and their subsequent export has underpinned impressive economic growth, which consequently has brought about widespread prosperity and development. Hydrocarbon exports have been an engine for development, but fossil fuels are increasingly utilised to meet rising domestic energy demands.

Rapid industrialisation, population growth, and increasing requirements for water desalination are resulting in rising energy demands, impacting the ability of some countries to maintain export levels over the long-term. These dynamics have compelled governments to embark on a diversification strategy to meet growing needs and support continued economic growth. A systematic diversification of the region's energy towards alternative sources, including renewable energy, presents ample opportunities as it would free up domestic petroleum and gas production for export. Additionally, a transition towards a more sustainable energy future would reduce carbon-dioxide (CO₂) emissions and bring a wide array of other socio-economic benefits including job creation and increased local economic diversification; an aspiration deeply embedded in the visions and development strategies of all the Gulf countries.

Water use is also intrinsically linked to energy supply in the region. Gulf countries are faced with limited natural water supplies and ever increasing demand due to rapid population growth. Water scarcity is a reality mitigated by high reliance on sea water desalination which is an energy intensive activity. Increasingly, Gulf countries have been exploring renewable energy technologies to provide the energy required for their desalinations needs. Renewable energy can provide a low carbon alternative to meet water demand and free up gas resources for commercial purposes. Water and energy are also intrinsically linked, with a vast potential for harnessing energy from wastewater, hydroelectricity and other innovative forms of renewable technologies.

The latest innovations, research practices and technologies related to clean and renewable energy will be discussed, **including (but not limited to)** the following areas:

1. Solar Energy
2. Wind Energy
3. Waste to Energy
4. Wave Power
5. Geothermal Energy
6. Nuclear Energy
7. Biofuels
8. Use of renewable energy for water desalination
9. Water-Energy Nexus
10. Hydroelectric power

The Symposium will be held at the **UAE University in Al Ain from 30th October to 1st November 2017**. It will be attended by scientists from research institutions and start-up companies/industries from the Gulf countries and the UK. It will invite open discussions and potential investment to encourage the creation of UK-Gulf collaboration to access the deep pool of information & technology sharing, which will in turn lead to benefits for both the Gulf and the UK and open the door for commercial opportunities. We are asking researchers to present their stimulating work and ideas related to clean and renewable energies.

This Symposium is delivered as part of the UK Gulf Science Innovation Knowledge Economy Programme, which will also launch the second round of calls for research proposals via the Institutional Links in the Spring of 2018. Renewable energy will be one of the topics included in this call.

This symposium is funded by the British Government as part of the UK commitment to further support collaboration between the UK and Gulf science communities and is organised by the Department for Business, Energy and Industrial Strategy, the UK Science & Innovation Network and the British Council in partnership with the United Arab Emirates University in Al Ain.

The following expenses will be covered for the researchers selected to attend:

- UAE Visa (if required). This will be processed via our local travel agency.
- Return economy flight to/from Abu Dhabi International Airport.
- Return airport transfers - Abu Dhabi International Airport / Hotel / Abu Dhabi International Airport.
- 4 night's accommodation in a single room for international delegates (check-in on 29 October and check-out on 2 November).
- 3 night accommodation in a single room for UAE delegates coming from other Emirates (check-in on 29 October and check-out on 1 November).
- Transportation between Hotel / Venue / Hotel.
- All meals will be provided during your stay.

Please note that those attending from industry/SMEs must be self-funded.

Deadline for applications: 19/08/2017

Application to be sent to: Asmaa.Ibrahim@ae.britishcouncil.org

(Applications must be completed electronically. Handwritten/scanned applications will not be accepted.)

Please note that by completing and submitting this form you hereby agree that your photo, CV and other information may (potentially) be used in the symposium programme and other event related material.

Part One: Personal Information

Contact Details

Name:

Job Title:

Organisation:

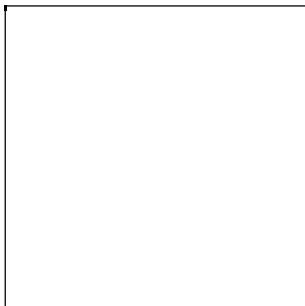
Nationality:

Address:

Telephone:

Email:

Passport-size photo of participant



What is the nature of your participation in the symposium?

Attend Only

Present*

*If you wish to present at the symposium, please complete **Part Three** of this application.

Part Two: Professional Information

Brief CV/Biography of participant

Brief summary of your current research and innovation topics

Added value of this activity for your organisation (200 words maximum)

Do you have existing professional links with the UK or other Gulf countries? If yes, please provide a brief description (maximum 200 words).

Please provide a brief description of how you (or your institution) would engage with participants after the end of the symposium in order to strengthen existing or established potential future links/collaboration (maximum 200 words).

Part Three: Presentation Brief

Kindly **ONLY** complete this section if you are applying to present at the symposium.

Please note that presentation slots are limited and are chosen by a panel. Applicants selected to present will be informed by **28th September 2017.**

Should you be selected, you may be contacted to complete an introductory form and provide additional documentation.

Title of Presentation (maximum 10 words)

Research Abstract (maximum 50 words)

Please provide a brief summary of the research you are presenting (maximum 250 words)

Note: Funded researchers will be contacted by SIN/BC/BEIS following the Symposium by Survey Monkey to monitor and evaluate the impact of the event. Once received, we would be grateful if you could complete and return this to us as soon as possible.

If you have any **questions**, please contact the UAE Science & Innovation Advisor:
Mohammed Abouhashem (Mohammed.Abouhashem@fco.gov.uk)

Applications to be sent to: Asmaa.Ibrahim@ae.britishcouncil.org

Selection Matrix of grant applications to attend UK-Gulf research symposiums

Date: 30 October – 1 November 2017

Location: UAE University, Al Ain, United Arab Emirates

Topic: Clean and Renewable Energy

Based on the call the first stage would be the eligibility checks:

- Applicants must be based at a recognised publicly funded research establishment, Higher Education Institutions (can include private universities), successful start-up companies, innovation centres and catapults and established companies.
- Applicants must have the capacity to administer a grant and satisfy the UK Government requirements to prevent bribery, fraud and professional misconduct.
- Researcher must be working in one of the relevant academic disciplines.
- Researcher is at the **appropriate** stage in their academic career.
- Researcher demonstrates their institutions commitment to enter into bilateral/trilateral research with the GCCs.
- Early career researchers (with a minimum of 2 year experience in an institution post award of their PhD).
- Lecturer post (with a minimum of 3 - 5 year experience in an institution post award of their PhD)
- Senior Lecturer/Professor (with a minimum of 6 years' experience in an institution post award of their PhD).

1. Research quality and relevance

0-20 points

Criteria:

The academic importance and timeliness to the symposium of their current research topics are clearly demonstrated.

The applicant has sufficient, relevant experience to contribute to the symposium and its stated objectives.

The applicant's current collaborations with the Gulf are of suitable standing to add value to the symposium

20 points: Meets all criteria to an exceptional level

16 to 19 points: Meets the majority of the criteria to a very high level

11 to 15 points: Meets the majority of the criteria to a high level

6 to 10 points: Meets the majority of the criteria to an adequate level

1 to 5 points: Meets some of the criteria to an adequate level

0 points: Fails to meet any of the criteria to an adequate level.

2. Added value of attendance at the symposium to the applicant

0-20 points

Criteria:

The description of the added value includes clear, feasible and realistic objectives.

There is clear evidence that the attendance at the symposium supports new links or significantly extends and develops existing links for the applicant.

The benefits and relevance of attendance to the applicant and institution, and to research itself, are clearly described.

There is written evidence of support from the institutions in achieving their institutions goals in the Gulf.

The attendance is justified as part of their or their institutions plans for a larger programme in the Gulf.

20 points: Meets all criteria to an exceptional level

16 to 19 points: Meets the majority of the criteria to a very high level

11 to 15 points: Meets the majority of the criteria to a high level

6 to 10 points: Meets the majority of the criteria to an adequate level

1 to 5 points: Meets some of the criteria to an adequate level

0 points: Fails to meet any of the criteria to an adequate level

3. Sustainability and follow-up activity

0-20 points

Criteria:

The application includes a clear and feasible description of how the individual and institution involved intend to develop collaboration over the next 1, 3 and 5 years.

20 points: Proposed follow-up is at an exceptional level

16 to 19 points: Proposed follow-up is at a very high level

11 to 15 points: Proposed follow-up is at a high level

6 to 10 points: Proposed follow-up is at an adequate level

1 to 5 points: Proposed follow-up is at a poor level

0 points: Fails to provide an adequate follow-up