



Application for Science Collaboration Symposium United Arab of Emirates

**Attending Countries: UK and Gulf Corporation Council Countries
Theme: Smart Cities
Dates: 26-27 March 2017**

Background

With over 80 per cent of global GDP generated in cities, forecasts show that there will be 30 'mega cities' worldwide by 2020 and increasing demand for the concept of the 'smart city' as a way of providing a better quality of life and more sustainable living. Smart City technologies use cross-sectoral solutions to address key urban challenges.

Our cities are already becoming living and learning environments which record data on everything from traffic, air quality, energy usage, occupancy and activities over time, to security and environmental change.

There's a huge opportunity, right now, to develop liveable and resilient urban infrastructure in order to make sure that our cities are healthy and successful and how that would reflect on the citizen. The global Smart Cities market is valued at more than £900 billion by 2020 and there's an estimated global infrastructure investment of £25 trillion required over the next 20 years to ensure sustainable urban futures.

The symposium will discuss the latest innovations, start ups, research and practice related to smart cities and it will cover the following themes

1. Sustainable infrastructure
 - Opportunities and challenges for smart city urban infrastructure and accommodation of future smart city technologies
 - City design, transportation planning, lighting, public spaces, irrigation and urban waste management
2. Smart city technologies
 - Technologies and systems that will serve as the foundations of smart buildings
 - Sensing, communication and analytical platforms
 - Heating and cooling systems, power, lighting, and distributed renewable energy
 - Technologies and systems that will serve as the foundations of smart urban transportation
 - Electric and autonomous vehicles
 - Intelligent systems for shared and mass transportation
3. Social impact
 - Links between smart city technologies and safe, secure societies
 - Integration of citizen happiness with resource efficiency
 - Citizen engagement and the evolution of government services

This Symposium will be held at Masdar Institute on 26-27 March 2017. It will be attended by scientists and innovators from research institutions and start-up companies from the Gulf countries: Bahrain, Kuwait, Oman,



Qatar, Saudi Arabia, United Arab Emirates, as well as the UK. It will invite open discussions and potential investment to encourage the creation of UK-Gulf collaboration linkages to access the deep pool of information & technology sharing, which will catalyse the benefits to populations in the GCC and the UK and will enable a better quality of life and will open the door for commercial opportunities.

This Symposium, organised in collaboration by the British Council, the UK Science & Innovation Network (SIN) and the Department for Business, Energy and Industrial Strategy, also encourages scientific researchers to present their stimulating work and ideas for knowledge transfer related to Smart cities.

This symposium is fully funded (flights, accommodation up to three days, meals and transport in the country)

Deadline for applications: 14/02/2017

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

Part One: Personal Information

Contact Details

Your Name:

Job Title

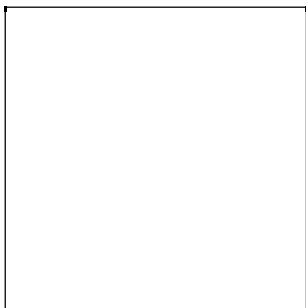
Organisation:

Address:

Telephone:

Email:

Passport-size photo of participants.



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 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 give 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** fill this section if you would like to present at the symposium. If you are only applying to attend, please move to **Part Four**.

Please note that presentation slots are limited and are chosen by a panel. Selected applicants will be informed by **1st March 2017**.

Should you be selected, you will be contacted to fill in an introductory form and to provide additional documents.

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)



Part Four: Expenditure breakdown – please note that a certain amount has been allocated per applicant. However, we welcome in-kind contributions. Please detail below cost for flights, accommodation and transport and whether you can cover these costs; meals will be provided and organised by the British Council/SIN/BEIS (eligible costs: **economy** flights, accommodation and transport in the country. Please be advised that lunches and dinners will be provided).

Please outline other eligible anticipated expenditure.

Please note that attending companies must be self-funding.

Item	Cost (£)	Self-funding: Y or N

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.

If you have any questions, please contact the UAE Science & Innovation Advisor:

E-mail: 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: 26-27 March 2017

Location: Masdar Institute, Abu Dhabi – United Arab of Emirates

Topic: Smart Cities

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.