



Institution of
**MECHANICAL
ENGINEERS**

British Engineering Institutions - Egypt (BEIE)

“Opportunity Egypt” UKTI Conference
MEA - EBCC

London, Wednesday, November 11th 2009

Dr. Gamal Abu Taleb

CEng, FICE

Chairman

Layout

1. Who We Are.
2. Our Institutions.
3. Mission Statement.
4. How Do We Serve The Profession?
5. Institutions Membership Grades.
6. Benefits to Employers.
7. Major Events.
8. Interest in Other Institutions (IChemE, RICS, IOM3, RIBA).
9. The Potential in Egypt.
10. British Training Solutions (BTS).
11. Why Choose BEIE as your Partner.
12. Our Supporters.
13. Contact us.

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Who we are

- British Engineering Institutions Egypt “**BEIE**” is a joint approach by the British Institutions of **Civil**, **Mechanical** and **Engineering & Technology** to the Engineering profession in Egypt to cooperate with local societies, academics, industry and Government for the benefit of the engineering profession and the increase in expertise.
- **BEIE** was established in 2004 as a non-governmental organization registered with both the Ministry of Social Affairs and Ministry of Foreign Affairs.
- **BEIE** is the first such registered joint representative office worldwide.

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Our Institutions

Institution of Civil Engineers

- Founded **1818**
- Today, ICE has nearly **88,000** member worldwide
- Represented in **164** countries



Institution of Mechanical Engineers

- Founded **1849**
- Has nearly **80,000** member world-wide
- Represented in **120** countries



Institution of Engineering & Technology

- Merger between IEE and IIE in **2006**
- Has more than **150,000** member worldwide.
- Representation in around **130** countries.



Mission Statement

“To support the engineering community with valued products and services which develop and promote knowledge, understanding and professionalism for the benefit of all”

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How Do We Serve The Profession

- **Engineering Degrees Accreditation;**
 - Arab Academy for Science & Technology
 - British University in Egypt
- **Career Development**
 - Employers Professional Development Programmes Accreditation (Training Agreement/Scheme)
 - Training Courses (CPD), in cooperation with British Training Solutions 'BTS'
- **Leading to...The Professional Qualifications**
 - Chartered Engineer (CEng), Incorporated Engineer (IEng), Engineering Technician (EngTech)

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Institutions' Membership Grades

- **Membership**

- Student Member (Free in ICE & IMechE)
- Graduate (Associate) Member
- Member
- Fellow

- **Professional Qualifications**

- Chartered Engineer (CEng)
- Incorporated Engineer (IEng)
- Engineering Technician (EngTech)
- Information & Communications Technology Technician (ICTTech)

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Benefits To Employers

- Access To Training Agreement / Company Accreditation
- Help your engineers to be professionally qualified.
- A culture of creativity, innovation and continuous improvement leading to increased productivity and competitiveness.
- Enhances business opportunities and enriches your technical envelope.
- Creating a sense of belonging among your staff leading to a decrease in staff turnover.
- Involvement in the development of the profession as part of your Corporate Social Responsibility.
- Client Requirement
- Networking for Business and Employment Potential

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Major Events

- **AAST Accreditation Coordination (2004)**
- **ICE Int'l Brunel Lectures**
 - (3rd) Delivering sustainable Development – 2002
 - (5th) Water for the World, Why is it so Difficult? – 2005
 - (7th) Entering The Ecological Age: The Engineer's Role – 2009
- **UNESCO workshop coordination “The use of modern technology for poverty alleviation” (2006) in cooperation with ICE (EWF) & IMechE (EAP)**
- **Joint Researches**
 - E-Learning, with University of Bristol (2003-2004)
 - Improved Availability of Water via Better Asset Management, with NCL Univ. (2004 - 2005)
 - The Impact of Climate Change on the Coastal Zones and Ecosystem of the Mediterranean Wetlands in Egypt, with Cardiff University (2005 – 2006)
- **UK Trade & Investment “Engineering Project Management Forum” (2004)**
- **1st ICE ME & Africa Convention (2008)**

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Interest in Other Institutions

- **Institution of Chemical Engineers (IChemE)**
- **Royal Institution of Chartered Surveyors (RICS)**
- **Institution of Materials, Minerals and Mining (IOM3)**
- **Royal Institute of British Architects (RIBA)**

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The Potential In Egypt

The Largest Country in The Region

- 80 million population
- Youth population of more than 30 million, representing around 40 %

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The Potential In Egypt Cont'd.

Higher Education

- 450,000 engineers registered in Egypt Engineers' Syndicate
- 35,000 newly registered engineers in 2009
- This suggests around 200,000 Engineering students in Egypt
- Studying at 17 Government Universities & 17 Private Universities

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The Potential In Egypt Cont'd.

Vocational Education

- About 2,000 Technical Schools in Egypt
- 775,440 registered technicians in Egypt Applicators (technicians) Syndicate
- 14,000 newly registered technicians in 2009

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British Training Solutions (BTS)

Established in 2008 in Support of BEIE, in view of the overwhelming demand for quality training; BTS offers:

- State of the art short CPD courses, approved by the relevant UK professional body
- UK hands-on Training
- UK Master's degree (Quantity Surveying, Construction Management & Project Management)
- Vocational Education Reform Initiative

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Why Choose BEIE as your Partner?

- We Represent The Largest Professional Engineering Institutions
- We Accredit Engineering Degrees
- We Accredited Employers Professional Development Programmes (Training Schemes)
- We Offer International Recognition To Individual Engineers
- Extensive UK Training Providers Network Through 'BTS'
- Extensive Network In Egypt For Any Scoping Visit/Report You May Need
- For UK Organisations We Can Be Your Out Post In Egypt, And
- For Egyptian Based Organisations We Can Be Your Professional Development Partner.

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Our Supporters in Egypt



The Arab Contractors
Osman Ahmed Osman & Co.



Contact Us



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