

## **Project Summary**

**Project Title** “Developing an inclusive International Professional Programme in Digital Construction Engineering at The British University in Egypt”

Project ID: **TNE 7-24**

### **Summary:**

This 12-month collaborative project between The British University in Egypt (BUE) and Birmingham City University (BCU) is funded by the British Council’s UK–Egypt Transnational Education (TNE) Grant 7–24. The project aims to modernize construction engineering education in Egypt by embedding advanced digital technologies—including Building Information Modelling (BIM), Artificial Intelligence, Big Data Analytics, Digital Twins, and the Internet of Things—into academic and professional training programmes.

### **Objectives:**

The project seeks to enhance employability and institutional capacity through joint curriculum design, professional training, student and staff exchange, and industry-focused activities. It also aims to develop Egypt’s first comprehensive Digital Construction Professional Certificate (DigiCon), equipping engineers and managers with the skills needed to lead digital transformation in the construction sector.

### **Key Partners:**

- The British University in Egypt (BUE).
- Birmingham City University (BCU).

### **Funding Agency:**

British Council – UK–Egypt Transnational Education Grant.



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### **Expected Results:**

- Launch of the *DigiCon Professional Certificate* aligned with international standards (ISO 19650).
- Establishment of the **Construction Innovation Lab** at BUE to support applied research and hands-on learning.
- Strengthened academic and industry partnerships through events such as **DIGICON 2024**, Egypt's first Digital Construction Summit.
- Enhanced digital competencies among students, faculty, and industry professionals, supporting Egypt's transition to a smart and sustainable construction sector.



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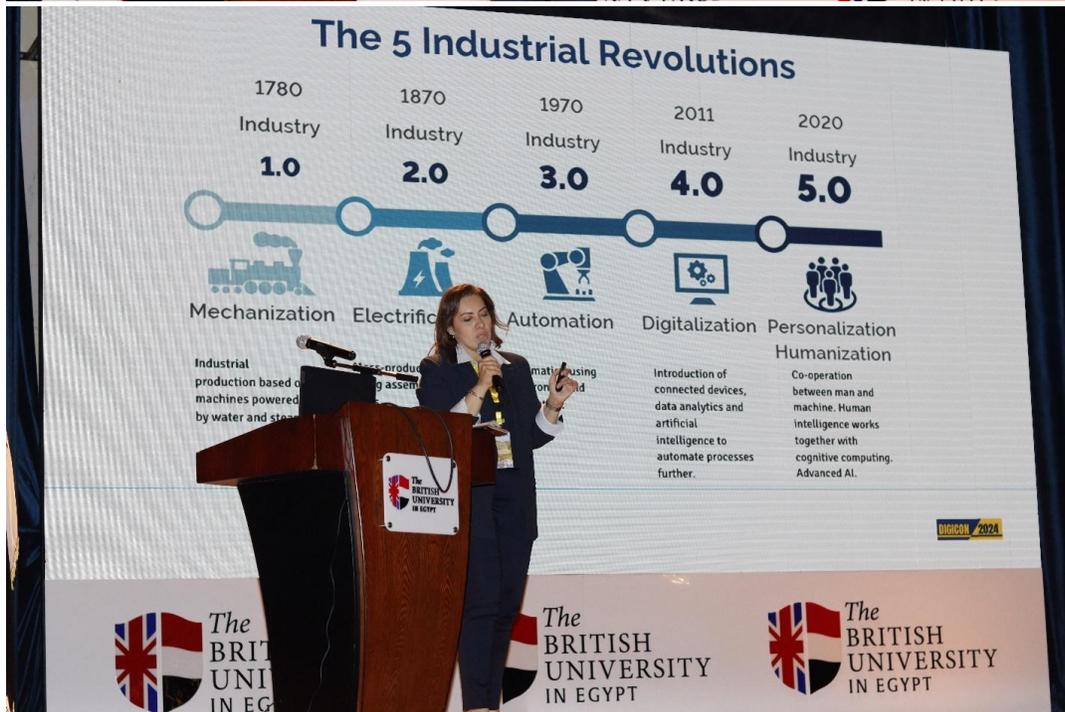


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