

Structural Engineering



STE PROGRAM

It is About

Design

Supervision

Construction

Of What??

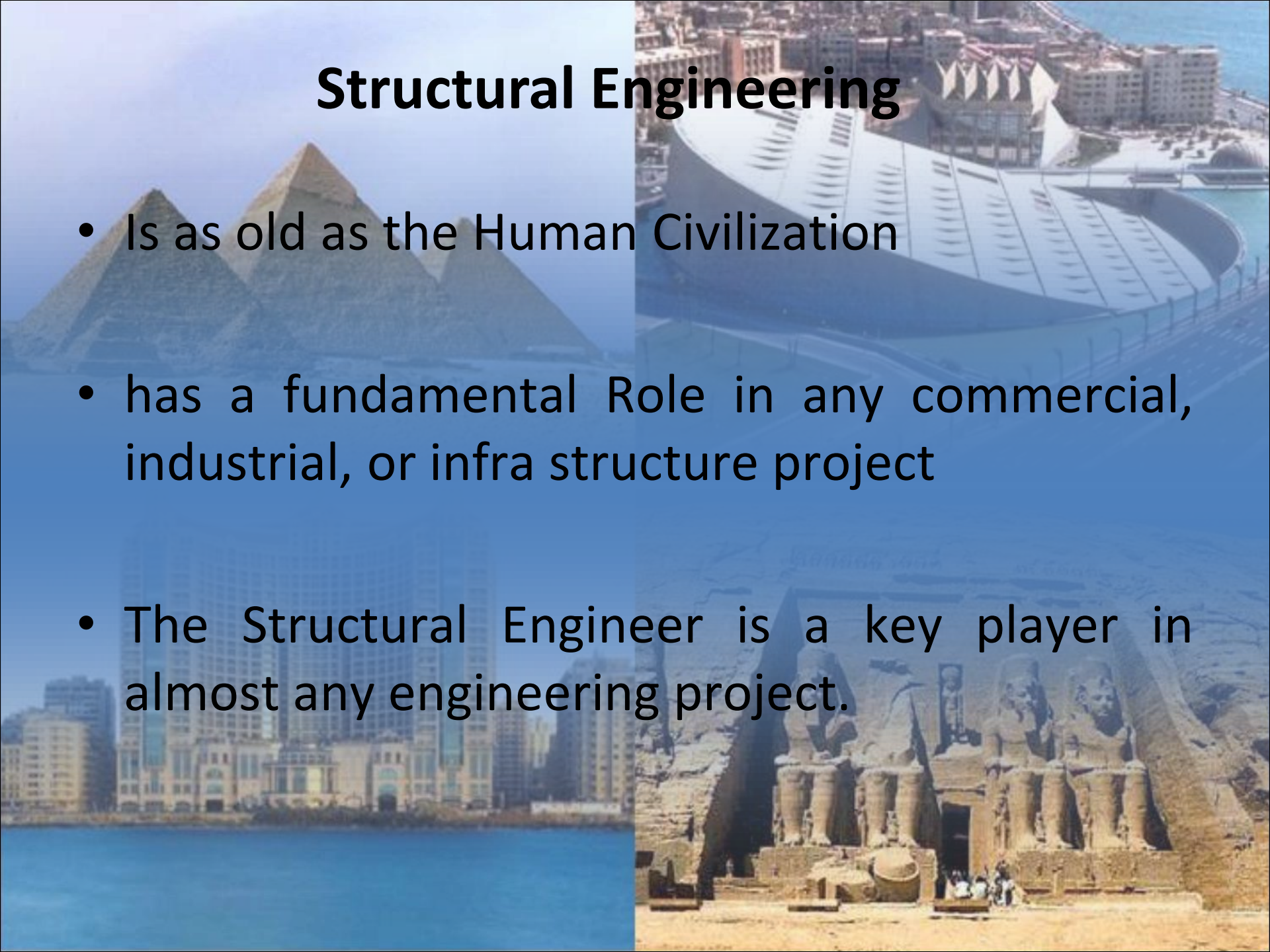
- **Structural Engineering is about: Design, Construction and Supervision of:**

Building and Non-Building Structures



Structural Engineering

- Is as old as the Human Civilization
- has a fundamental Role in any commercial, industrial, or infra structure project
- The Structural Engineer is a key player in almost any engineering project.



Examples of Structural Engineering Projects

Bridges



Examples of Structural Engineering Projects

Tunnels



Examples of Structural Engineering Projects

Towers



Examples of Structural Engineering Projects

Communication Towers



Transmission Towers

Examples of Structural Engineering Projects

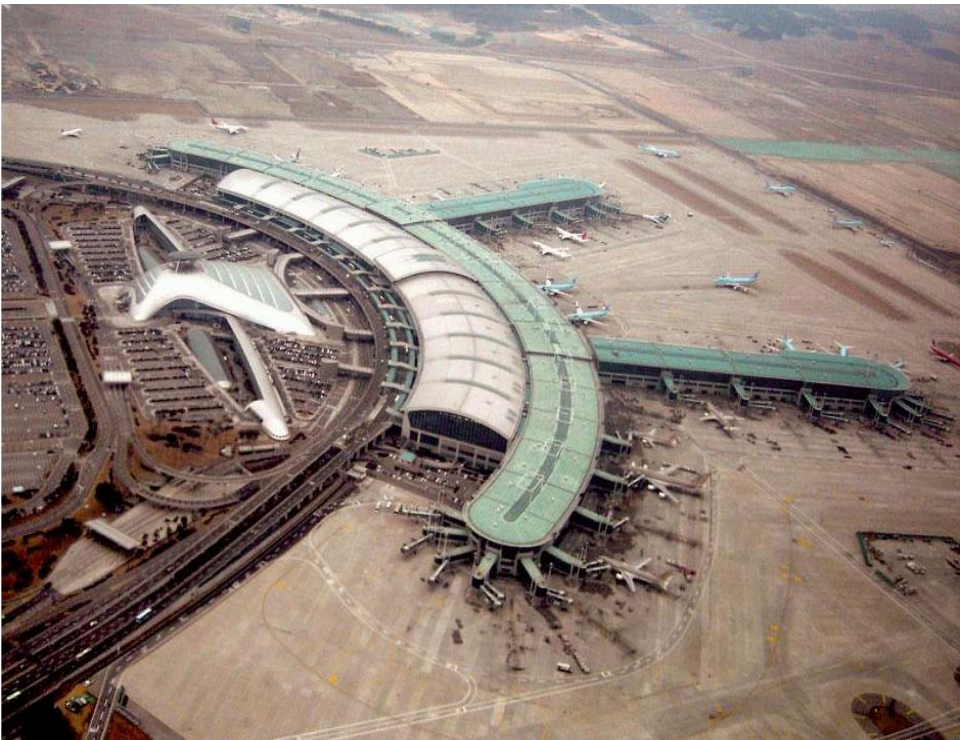
Industrial Plants



Sports Facilities

Examples of Structural Engineering Projects

Special Structures



Airports

Future Demand on Structural Engineers In the Middle East Region

- Economic Development in Egypt and neighboring countries requires structural engineers
- In Egypt; Housing, Transportation, Industrial, and Telecommunication projects are either underway or being planned
- Reconstruction of the neighboring countries provides many jobs.
- Saudi Arabia and Gulf Countries provide many new Structural Engineering jobs every year.

Our Students Have Been Training at:

- Dar Al-Handasah
- ACE (Mohram-Bakhoum)
- Orascom Construction Industries
- Cosmos Engineering
- SIAC
- CB & I
- EJECC
- ECG
- ENPPI
- Hamza and Associates
- Arab Contractors



For More Information on The Structural Engineering Program

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Materials Testing Lab

Building # 1