

Structural Engineering



STE PROGRAM

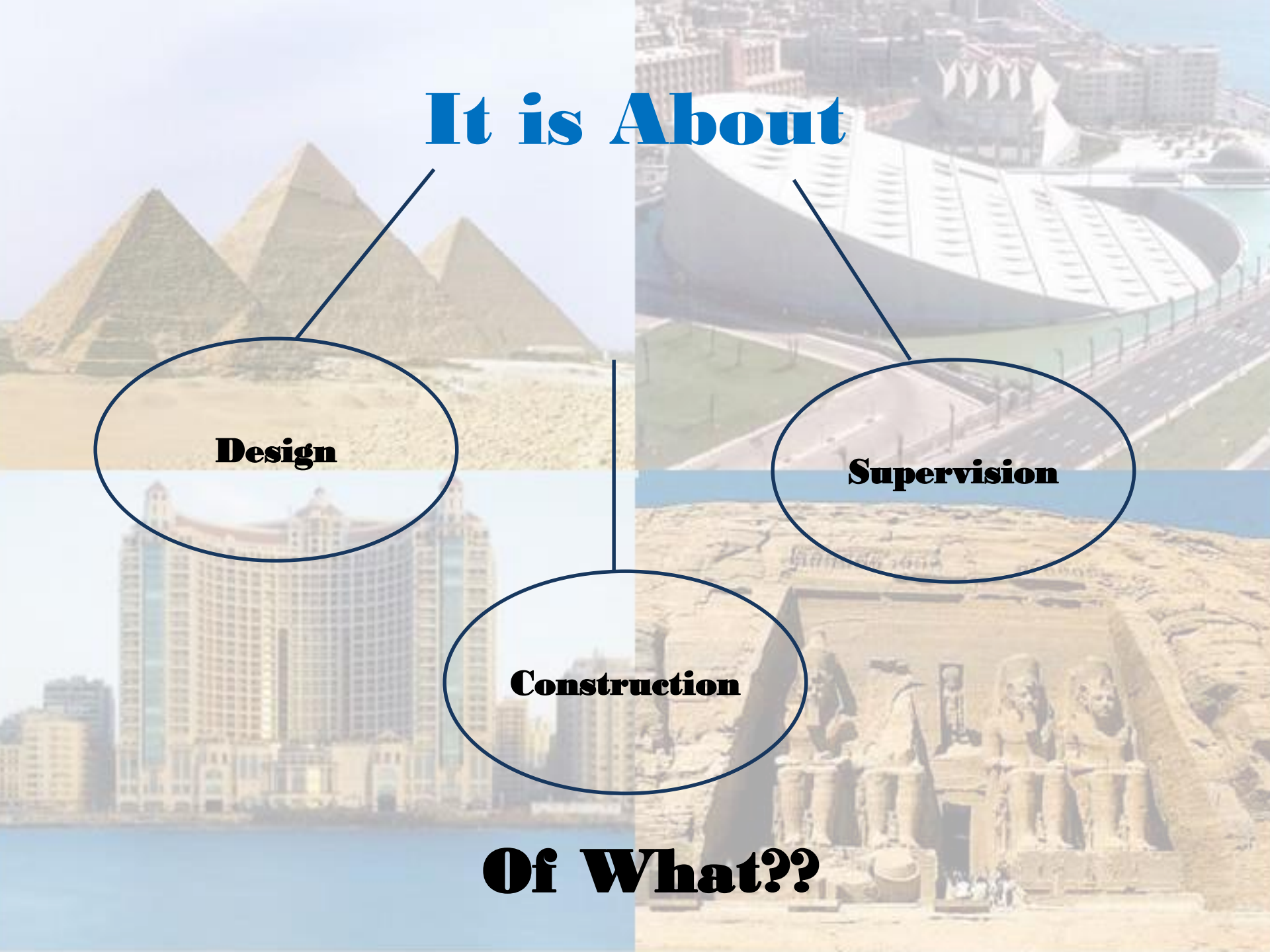
It is About

Design

Supervision

Construction

Of What??



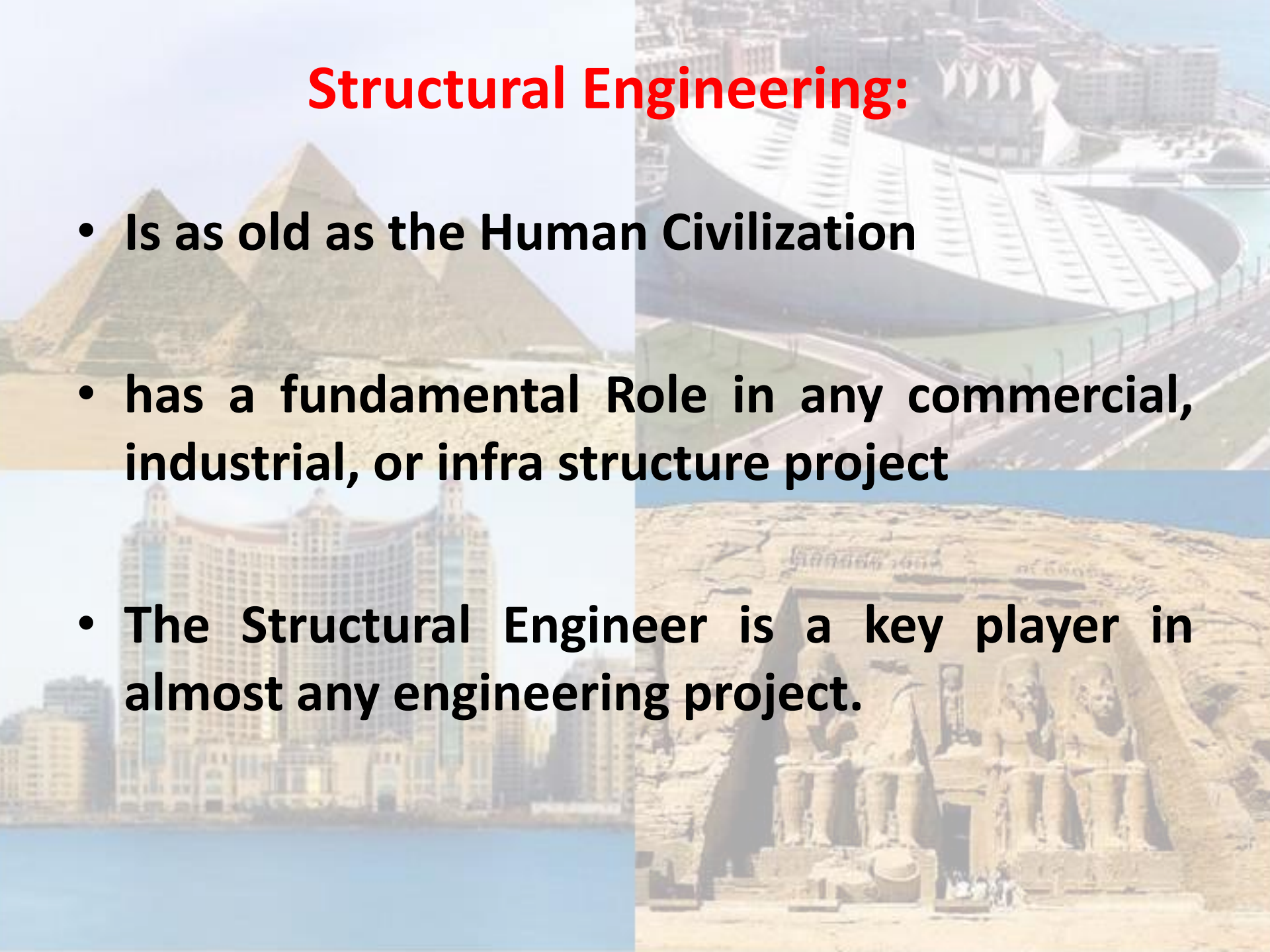
- **Structural Engineering is about: Design, Construction and Supervision of:**

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



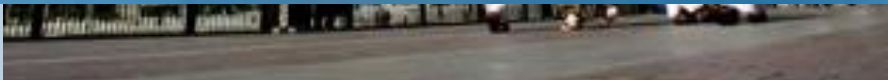
Examples of Structural Engineering projects

- Tunnels



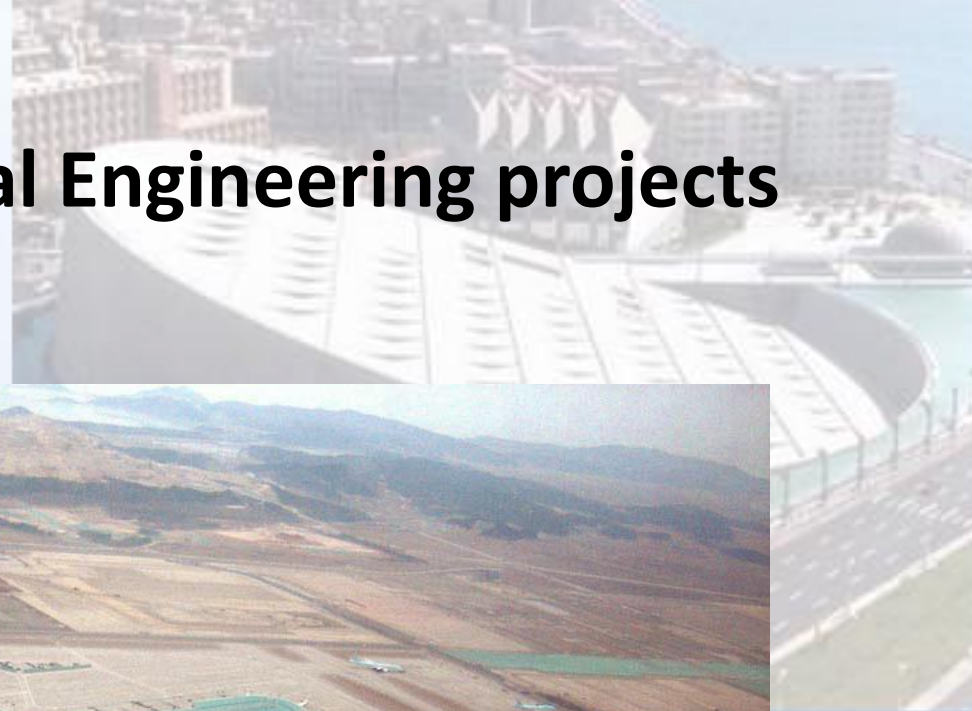
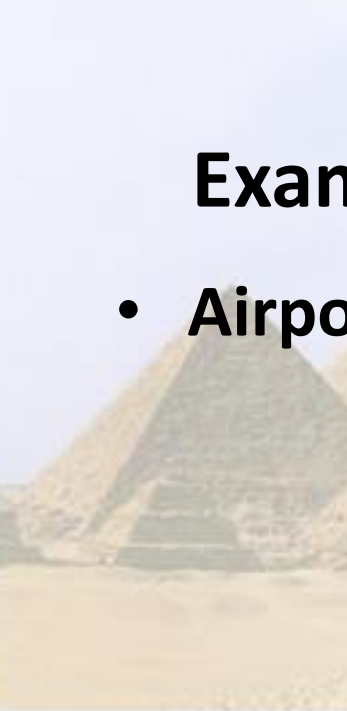
Examples of Structural Engineering projects

- Towers



Examples of Structural Engineering projects

- Airports



Examples of Structural Engineering projects

- **Transmission and Communication Towers**



Examples of Structural Engineering projects

- Industrial Plants



Examples of Structural Engineering projects

- Sports facilities



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.

For More Information on The Structural Engineering Program

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