**The Development of Mixed Use Communities**

Cairo Festival City (CFC)

Cairo Festival City is a visionary mixed-use urban community strategically located at the gateway to New Cairo City spanning over a land area of 3 million sq. m.

Cairo Festival City sets new standards as Egypt’s premier indoor-outdoor shopping, dining and entertainment destination, providing spectacular residential villas and luxurious apartments, as well as prime office spaces, together with internationally renowned hotels, international schools and automotive showrooms all set within a beautifully landscaped and tranquil environment.

**CFC Master Plan & Land Use**

- Residential
- Retail
- Automotive
- Commercial
- Hospitality
- Educational
- Main Mosque
- Utility
- District Cooling Plant
- Electrical Substation

**Planning & Sustainability**

WHY?

&

HOW?
Comfortable, Pedestrian Outdoor Climate/Public Realm

Combining lifestyle and landscape, bike trails (2.7 km), the multiple parks, gardens, parking, bus stations, walkways and plazas bring together the residents to enhance and foster gatherings for families and friends as an addition to Cairo Festival City's conveniences.

A truly distinctive lifestyle experience where meticulous attention to detail is obvious and where all elements of the project are seamlessly interconnected.

Sustainability At Cairo Festival City

- Cairo Festival City was designed considering sustainability in all aspects, during construction and operation. The concept of "Build to Operate", in order to reach a trouble free operation while maintaining effective and efficient operation.
- A Central Command Control (CCC) building was built to control and operate all the MEP systems within Cairo Festival City, while following a strict HSE plan.
- Multi-source electrical power supply is provided to Cairo Festival City to minimize the risk of power cut off.
- District Cooling Plant (DCP) is provided to centralize the chillers for ease of maintenance and control of quality consistency.
- In the landscape colorful and evergreen plants were selected considering case of maintenance.
- LED lighting, dimming systems is applied to reduce the electrical consumption and to be more nature friendly.
- Waste Water Treatment Plant (WWTP) to remove biological or chemical waste products from water, thereby permitting the treated water to be used for other purposes.
Thank You!
Architectural Engineering in Industrial Organisations

Eng. Ahmed Hussein Hassan, MBA, PMP, PfMP, Change Management Practitioner
Senior DGM Strategy & Change Management - Banque Misr

Design Factors to Consider

- Safety
- Security
- Smart
- Environmentally Friendly
- Flexible
- Sustainable
- Affordable

Safety

- Safety first for:
  - Employees
  - Suppliers/Customers
  - Community
- Fire Fighting/Alarm
- Safe storage of hazardous materials
- Electrical cables safety
- Road safety
- Machinery safety

Security

- Protection from theft and illegal access
- Smart Gates
- Access control for:
  - Employees
  - Suppliers/Customers
  - Visitors
- Monitoring and Surveillance

Smart

- Interconnected
- Proactive alerting
  - Errors
  - Hazards,
  - Emissions
- On & Off-site Control
- Integrated electromechanical infrastructure
Environmentally Friendly

- Healthy to work in and live nearby
- Low Emissions/Carbon footprint
- Clean/Renewable Energy
- Waste Management
- Safe Storage of hazardous materials
- Good utilisation of resources

Flexible

- Accommodates continuously changing business needs
- Open floor plan
- Examples:
  - Changes in production line
  - Changes of Energy Sources
  - Storage of different material types
  - Office space: open with partitions that can be easily

Sustainable

- Building:
  - High Quality
  - Durable
  - Easily Maintained
  - Low cost maintenance
- Environment
  - Energy efficient
  - Low water consumption
  - Materials and resources

Affordable

- Cost Effective
- Material selection
- Space utilisation
- Simple
- Efficient
- Fast and easy construction
- Single source responsibility
- Appreciating asset value

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Types of buildings in Industrial Organisations

- Plant
- Warehouse
- Office Building
- Store/Outlet

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THANK YOU
EGYPTIANS ARE THE PIONEERS IN PROJECT MANAGEMENT

PROJECT MANAGEMENT TURNS DESIGN INTO REALITY

POOR PERFORMANCE RESULTS IN ORGANISATIONS LOSING 109 M$ FOR EVERY 1B$ INVESTED IN PROJECTS AND PROGRAMS

What is Project Management?

- Project Management is the application of knowledge, skills, tools, and techniques to project activities to meet project requirements
- Completing the project within the approved constraints of scope, time, cost, quality, resources, and risk.

Statistics

- High Performing Organisations complete 89% of their projects successfully.
- While Low Performing Organisations complete ONLY 36% successfully.
- High Performing Organisations focus on:
  - People: Developing talent
  - Processes: Improving their practices
  - Outputs: Manage benefits realisation

PMI: Pulse of the profession: the high cost of low performance (2014)
Project Management Process Groups

- Initiating
- Planning
- Executing
- Monitoring & Controlling
- Closing

PMI: Project Management Body of Knowledge, 2013

Project Management Knowledge Areas

- Project Scope Management
- Project Integration Management
- Project Time Management
- Project Cost Management
- Project Human Resources Management
- Project Procurement Management
- Project Communication Management
- Project Stakeholder Management
- Project Quality Management
- Project Risk Management

PMI: Project Management Body of Knowledge, 2013

As a Project Manager you will learn...

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Career path of a projects engineer

- Engineer
- Specialised engineer (Planning, Costing, Quality...)
- Assistant Project Manager
- Project Manager
- Project Director
- Head of Projects

What is PMI?

- Project Management Institute (PMI) is the world leading not for Profit membership association
- > 500,000 members and credentials holders from 185 countries
- Globally recognised standards and credentials, research and professional development
- Sample Certifications:
  - CAPM (Certified Associate in Project Management)
  - PMP (Project Management Professional)
  - PgMP (Program Management Professional)
  - PfMP (Portfolio Management Professional)
- www.pmi.org

CEO Background

Production Manager - ‘80s
Finance Manager - ‘90s
Sales & Marketing Manager - ‘00s
Planning/ Business Development - ‘10s

“The Project Manager is the new CEO.”
THANK YOU
 Egyptians Are the Pioneers in Project Management

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