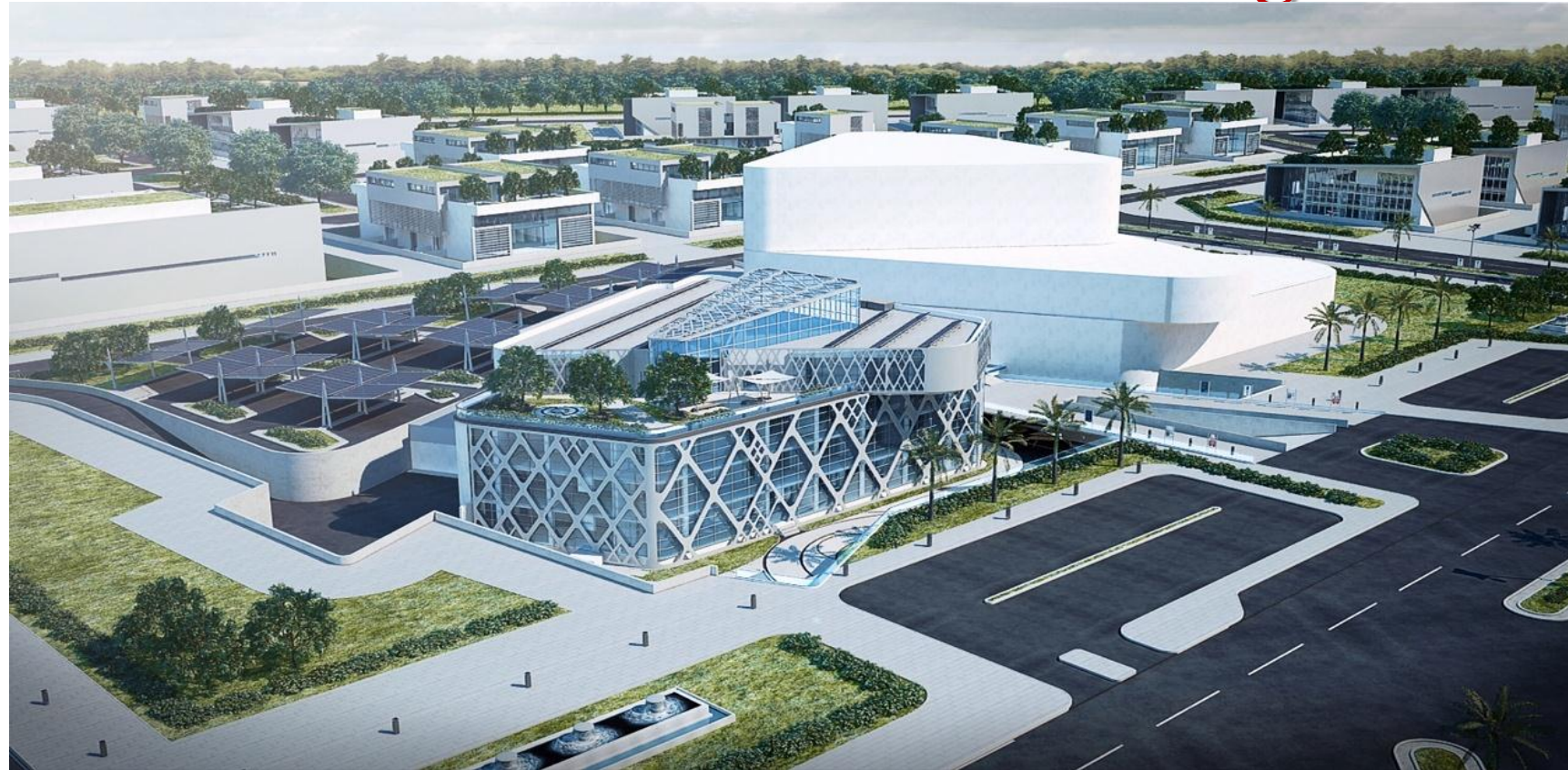




The Investment Zone at SRTA-City “Investment in Knowledge”



**Workshop on Arab Scientific Technology Parks
(Developing Key Performance Indicators for Arab STP's)
ASRT, 10-12 November 2015**

**Prof. Abd El-Hady B. Kashyout
CEO, SRTA-City Investment Zone**

Agenda

- 1. Introduction**
- 2. SRTA-City Investment Zone Vision and Key Actors**
- 3. SRTA-City STP Ecosystem and Investment in Knowledge**
- 4. Project Advantages**
- 5. Proposed Investment Projects**
- 6. Suggested Key Performance Indicators for STP's**

Introduction

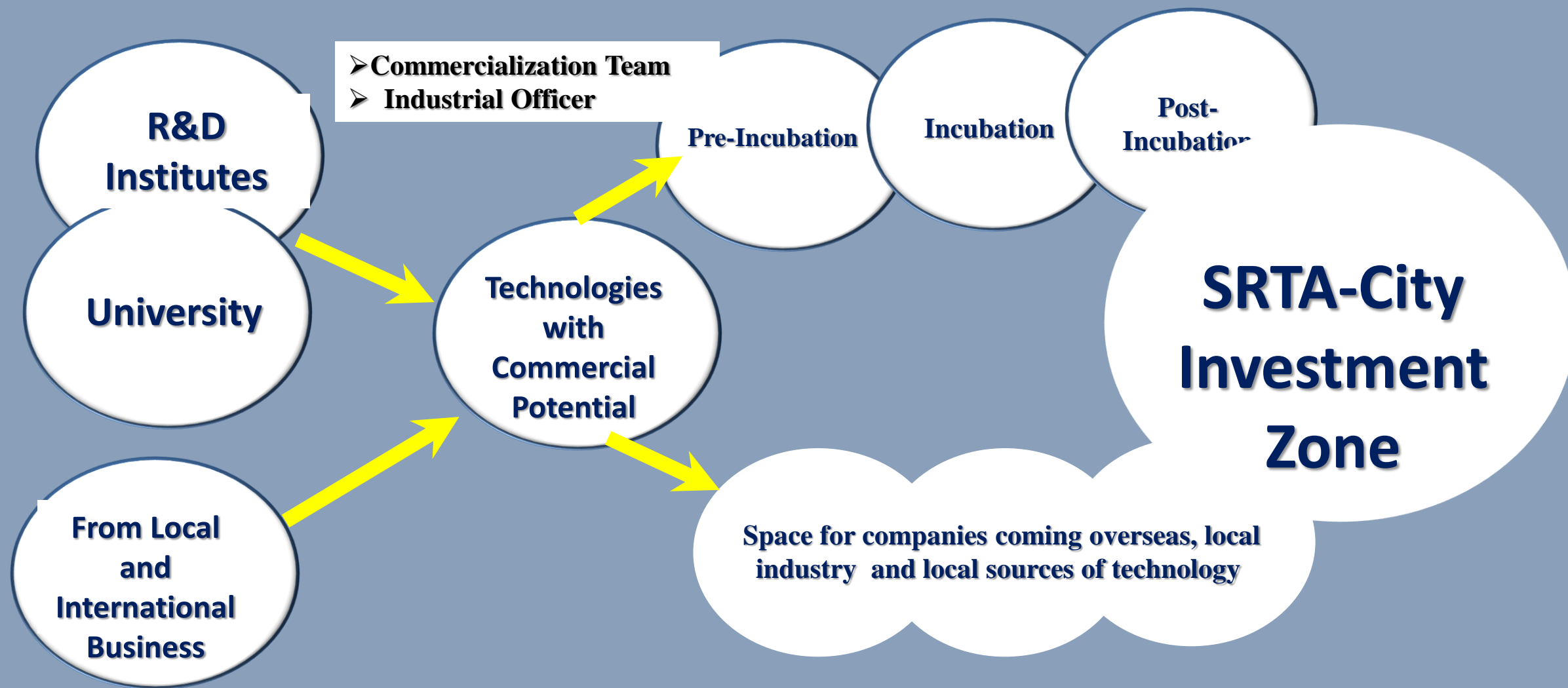
**SRTA-City
Investment
Zone was
established
with the PM
Decree No.
2320 in 2009**

**It aims to build
up 60 Projects
of Hi-Tec.
Industries**

**Gathering
both SRTA-City
Innovation
(Patents,
Prototypes)
and Hi-Tec
Companies**

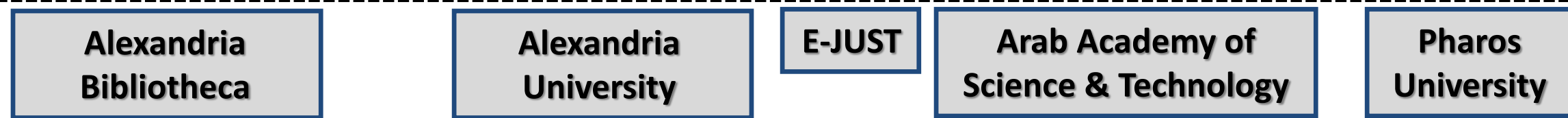
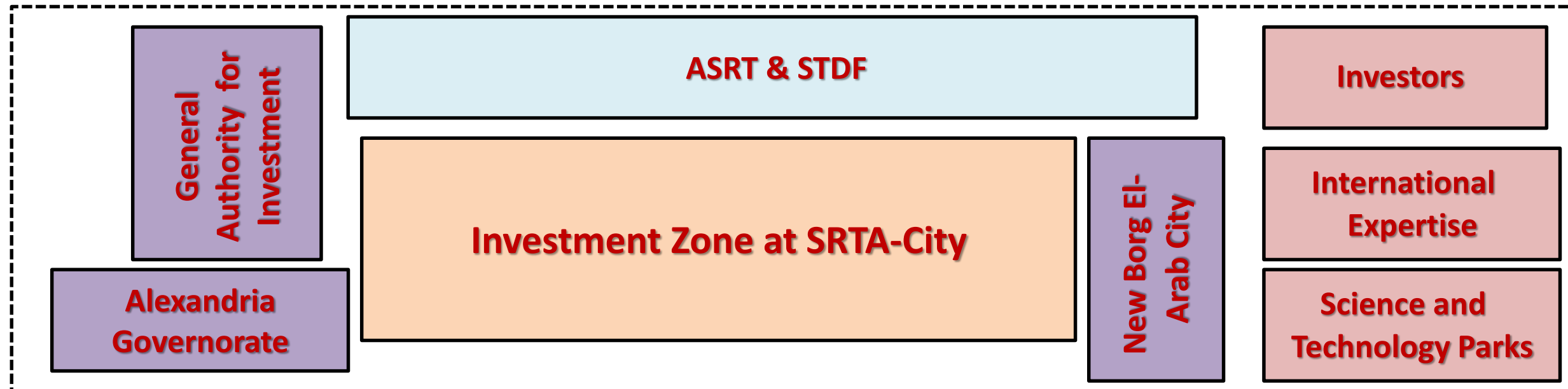
Vision

An Investment Zone to Build up Mechanisms of Investment in Knowledge In Egypt



Key Actors

Cabinet



SRTA-City STP Ecosystem



SRTA-City STP

Innovation Environment

Core Facility

Investment Zone

GEBRI
(Biotechnology)

Informatics
Institute (ICT)

ATNMRI
(Nanotechnology,
Renewable Energy)

ARADI (Modern
Agriculture)

Technology
Capabilities
Development
Center

Environmental
Technology
Institute

Small and Medium
Enterprises Center

Pre-clinical
Excellence Center

MATS Project

Central Labs for
Biotechnology and
Environmental
Assessment

Infrastructure

Technology and
Business Incubators
(TBI's)

Spaces for
Innovative
Companies and
Startup's

Future and
Advanced Studies
Center

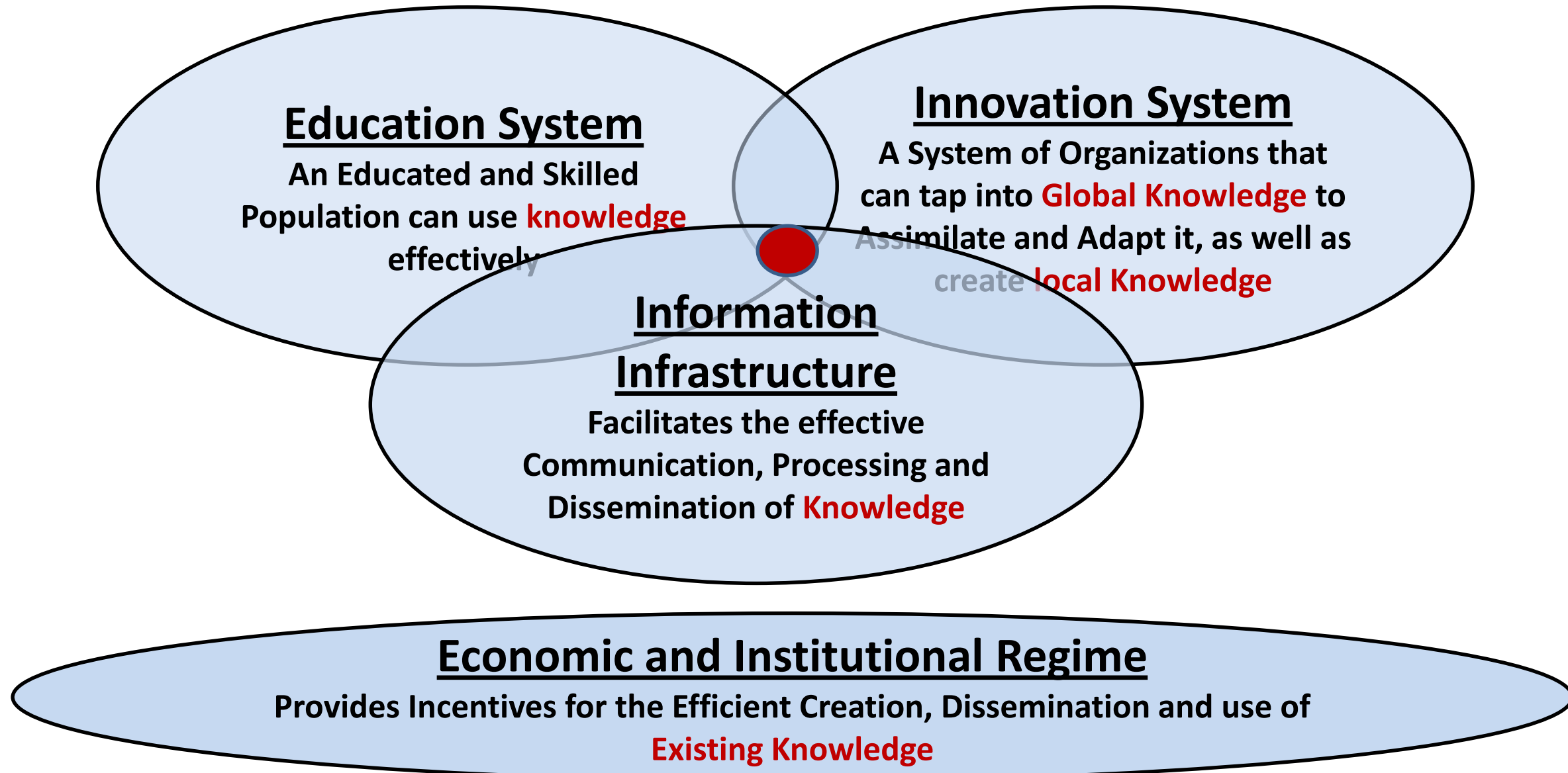
Technological
Services and
Training

R&D, Patents, Prototypes, Consultancy,
PPPs, Entrepreneurs,

Analyses, Services, Facilities

Spin-Offs , Established Firms, Job Creation,
Revenue, New Technologies, Knowledge,

The Four Interactive Pillars of the Knowledge Economy



Investment Zone and Knowledge

Knowledge:

- Education System
- Innovation System
- Information Infrastructure
- Economic and Institutional Regime

Knowledge Workers

Entrepreneurs

Patents, Prototypes

ICT Facilities

R&D

Incentives

PPPs

Investment Zone STP

- TBI's
- Start Ups
- Innovative Companies
- Advanced Studies, Services and Training

Job Creation

Revenues

New Technologies

New Knowledge

New Skills

Higher Salaries

Continuous Monitoring and Assessment

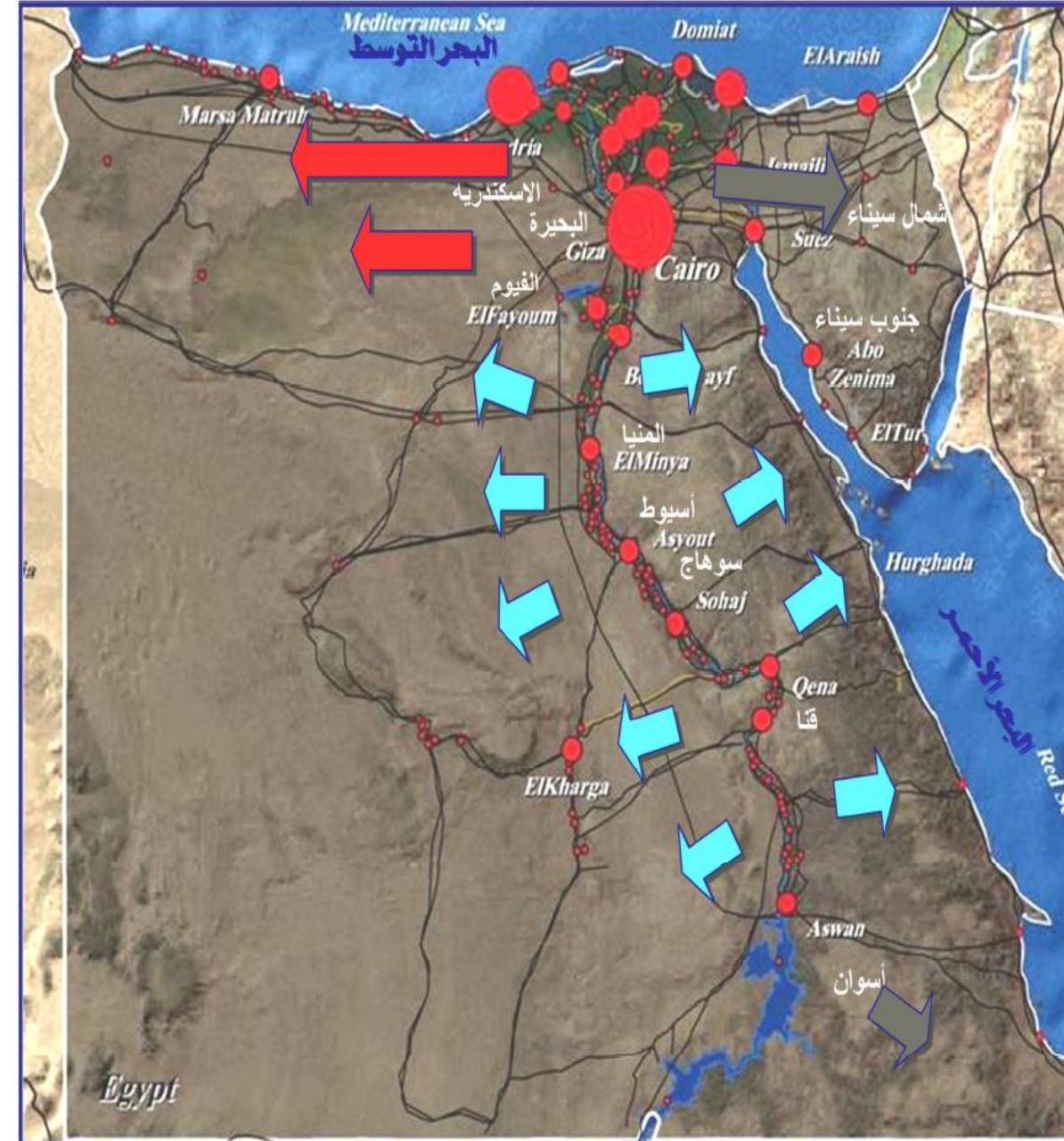
Project Advantages

1. “Location”

- ❑ The city is located in Borg El-Arab City, 60 km west of Alexandria, and 7 km from the Mediterranean sea
- ❑ The total project area is 135 acres (567 thousand square meters) within the allocated area of the city which is 225 acres .
- ❑ Close to the accommodation area in Borg El Arab.
- ❑ Close to a number of universities in Alexandria as the new universities

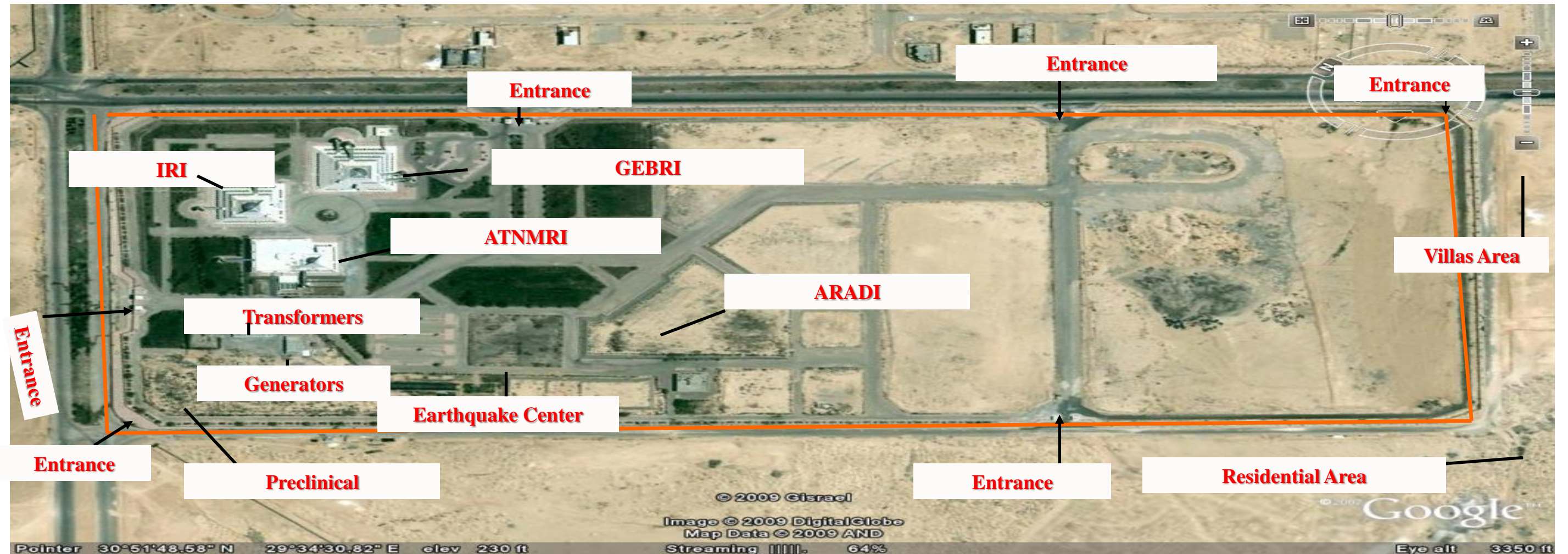


Main Directions for The National Development Plan in Egypt



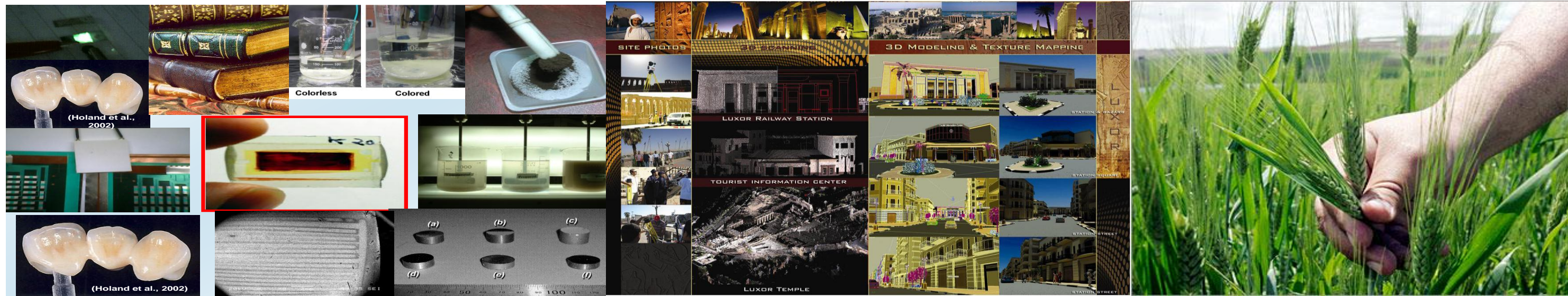


2. Infrastructure



3. Synergy with National Strategy

Egyptian National Strategy of STI highlights on Knowledge Based Economy and SRTA-City STP will build up 60 projects on advanced technologies such as biop-harmaceutics, new and renewable energy, nanotechnology, SME's , advanced technology services, etc.



4. Major Statistics of Borg El-Arab City



Population: 120,000 people

Area: 199 Km²

Average Temperature: 20.35 °C

Rainfall: 20 cm/year

Main Industries: Pharmaceuticals, Food, Metals, Petrochemical
Textiles, R&D, Logistics, Service

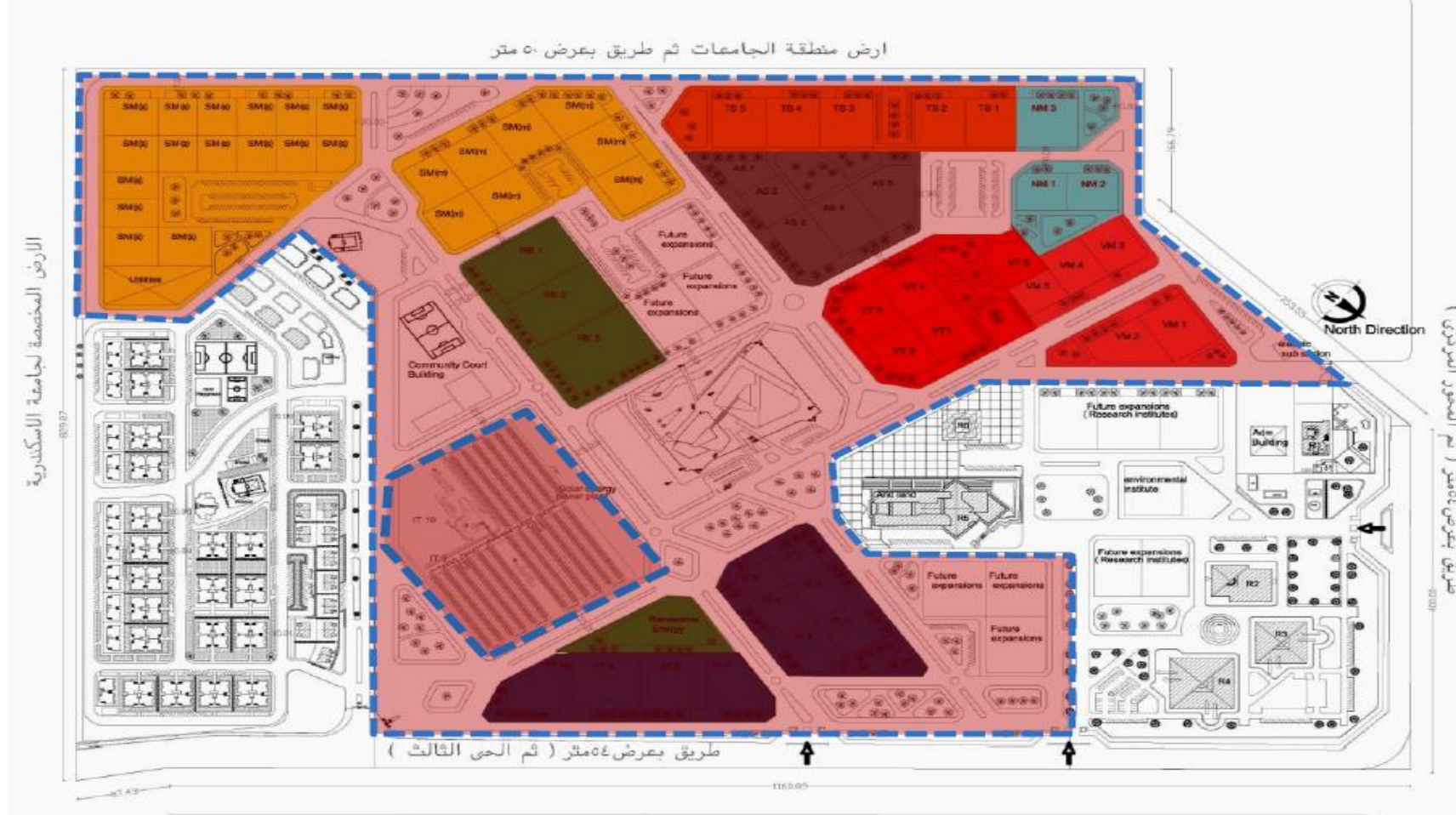
Proposed active People in the Industrial Zone
92740 People (2010)
600,000 People (2017)



Master Plan of New Borg El-Arab City 2032



Master Plan of SRTA-City Investment Zone



● نقاط الالتقاء الأساسية والفرعية
→ محاور الحركة الرئيسية
- - - محاور الحركة الثانوية



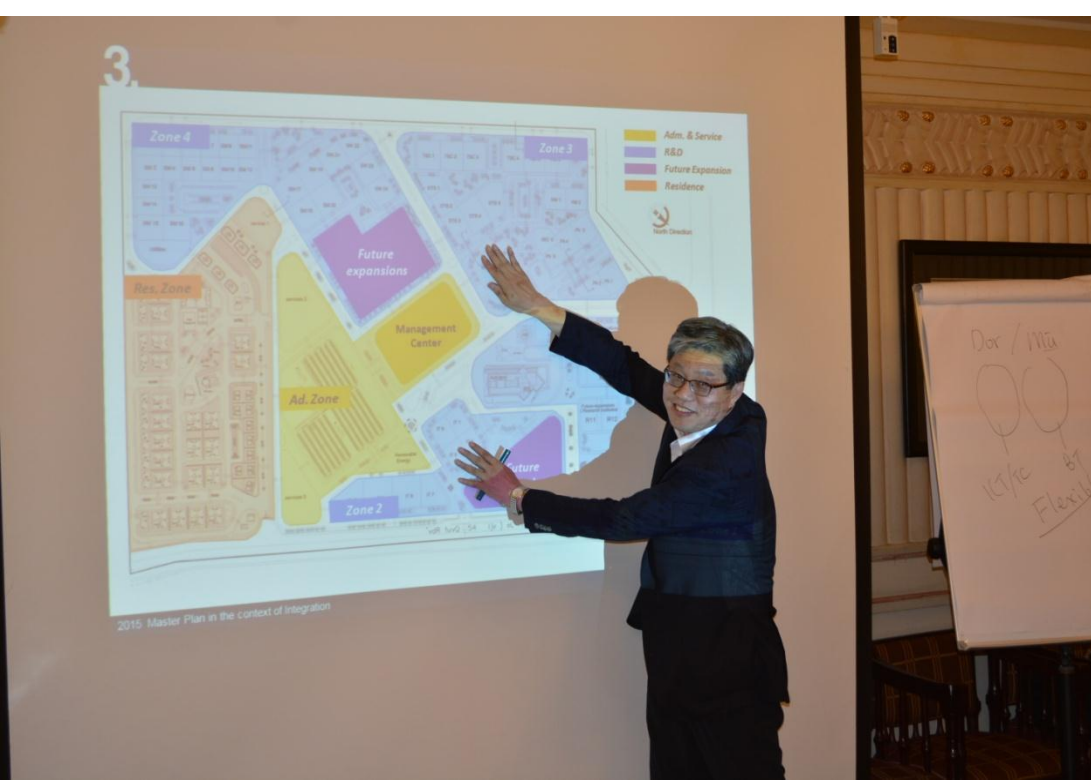
Proposed Investment Projects

Project Name	No. of Projects	Estimated issued capital (million L.E.)	Direct Employment	Indirect Employment
Bio-Pharmaceutical	5	75	1250	7000
Nanotechnology	3	4.5	225	1200
Biotechnology Incubators	5	4.5	250	1700
SME's	24	60	1800	4000
Advanced Technology Services centers	5	250	1000	6000
Training Centers	5	15	250	1300
Renewable energy projects	3	30	225	3000
Information technology Incubators	10	5	300	1000
Total	60	444	5300	25200

First Stage Plan 2015/2018

Project Name	First Stage 2015/2018
Bio-Pharmaceutical	2
Nanotechnology	1
Biotechnology Incubators	5
SME's	9
Advanced Technology Services centers	2
Training Centers	2
Renewable energy projects	2
Information technology Incubators	2
Total	25





Science and Technology Parks

Similar Projects Study

Volume 2- ANALYSIS- COMARATIVE STUDY



City of Scientific Research and Technical Applications SRTA

CEGMAN
Consulting Engineering Group



Comparative Study for Similar Projects Of Science and Technology Parks

Prepared By:

CEGMAN

Consulting Engineering Group

64, Mosadak St., Dokki, Giza - Egypt

www.cegman.com



صندوق العلوم والتنمية التكنولوجية
Science and Technology Development Fund



مركز تميز للدراسات المستقبلية بمدينة الأبحاث العلمية والتطبيقات التكنولوجية
Center of Excellence for Future Studies in City Of Scientific Research And Technological Applications

دراسة فنية وإقتصادية لمنظومة دعم الابتكار
والسياسات الإبداعية للإقتصاد المبني على المعرفة

KNOWLEDGE

التقرير الفني النهائي
يونيو ٢٠١٤

UNESCO-WTA Cooperation



- International Partnership on Science Cities Development between UNESCO and WTA: (6th MAY 2005)
- Agreement among UNESCO, KOICA and Daejeon Metropolitan City (29th SEP 2006)
- Partnership Agreement (20th FEB 2012 - 19th FEB 2017)

Capacity Building



- International Training Workshop
- Regional Training Workshops
- National Training Workshops

Technical Assistance



- International Training Workshop
- Regional Training Workshops
- National Training Workshops

Sharing Experiences and Networking

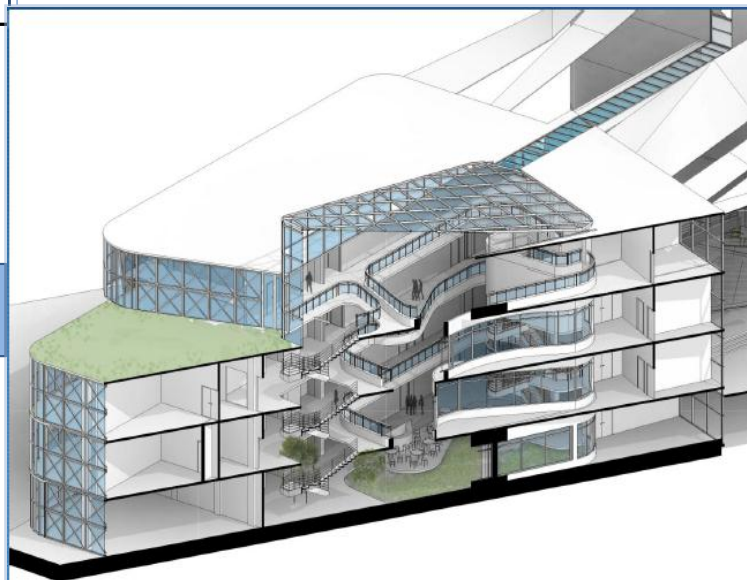


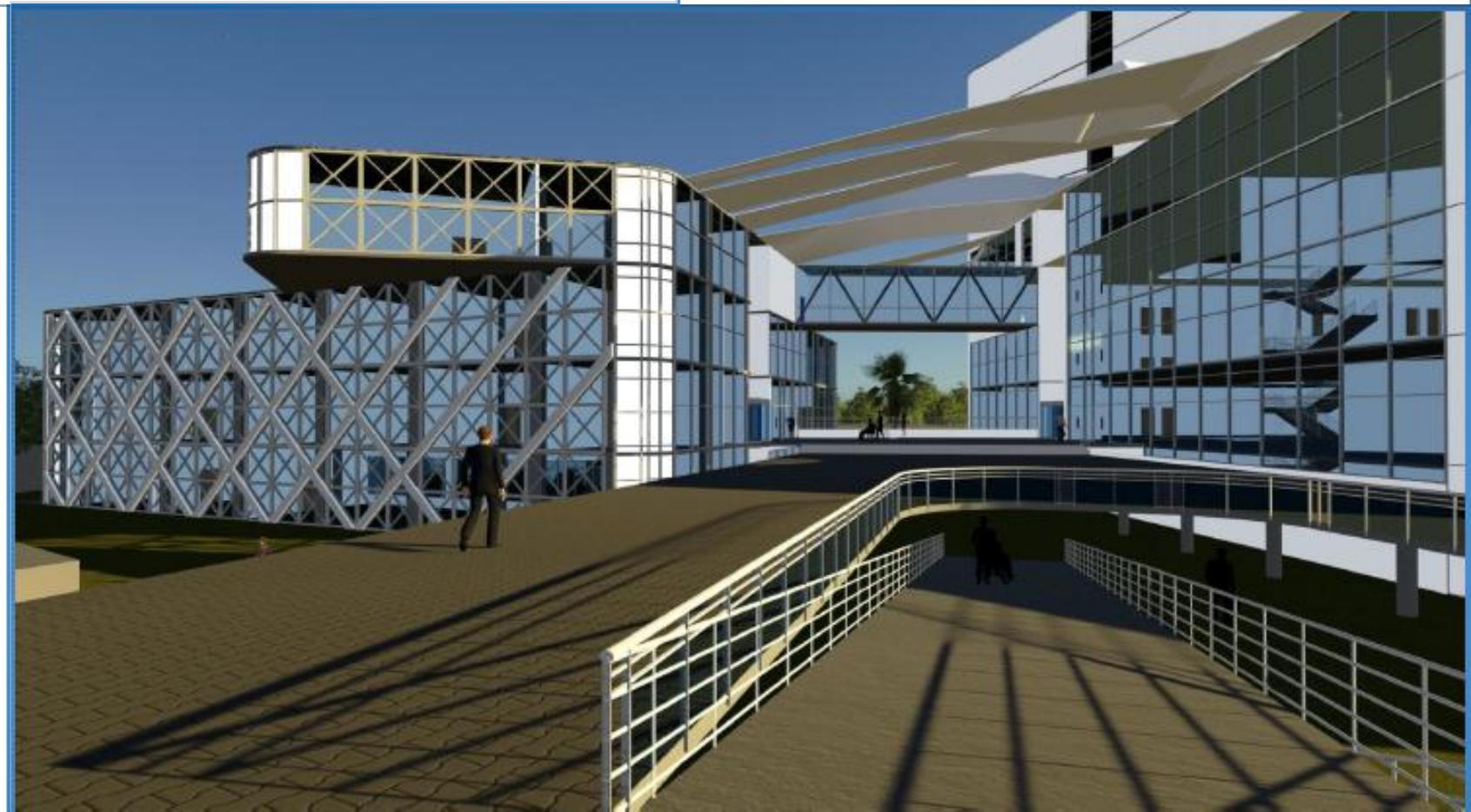
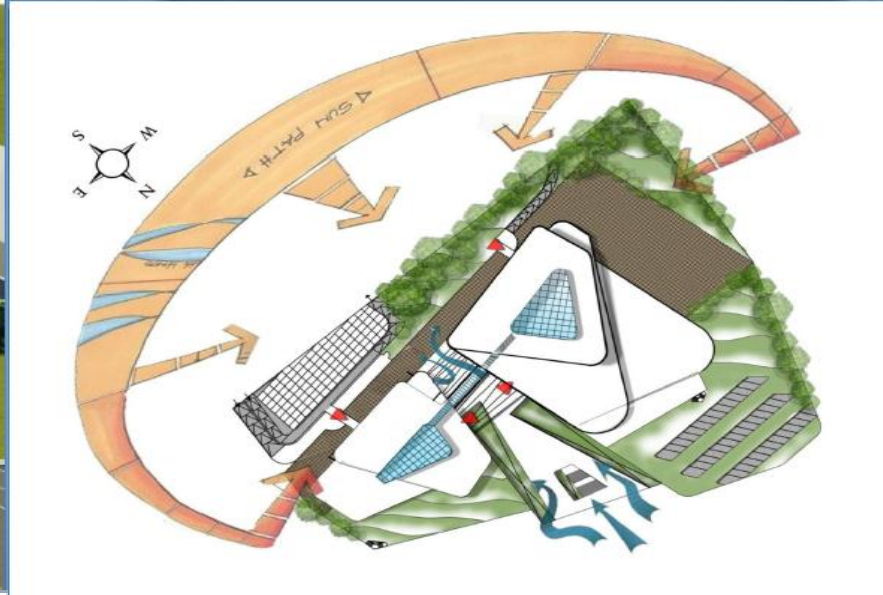
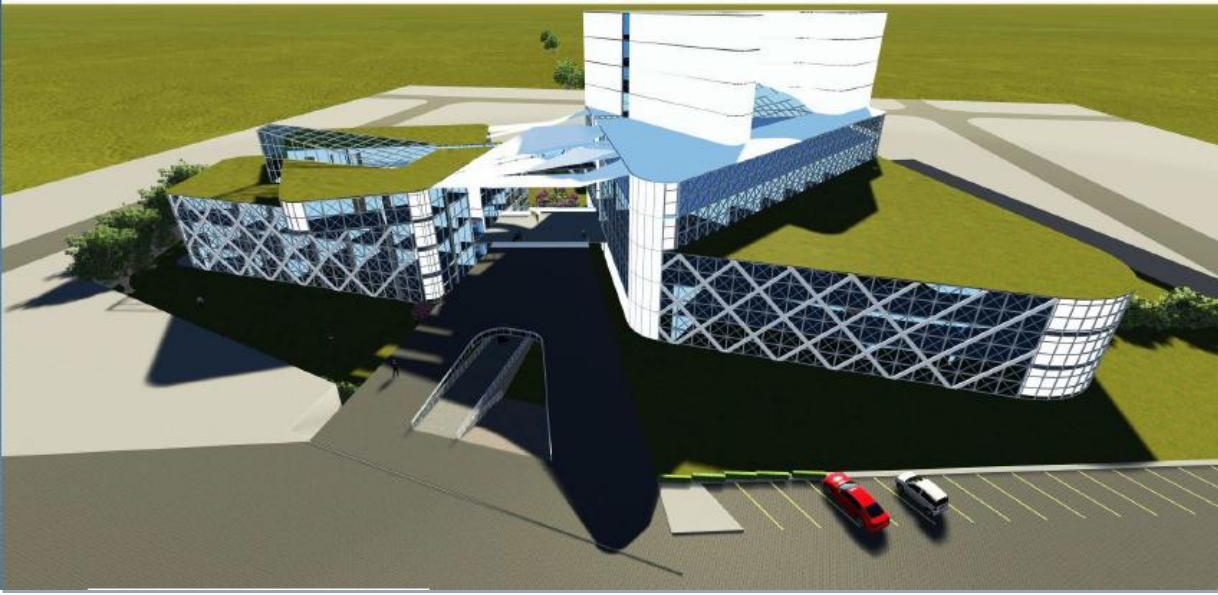
- World Technopolis Review
- Technopolis, Springer

Pilot Projects



- Africa
- Arab States
- Asia-Pacific Region
- Latin America and the Caribbean





Suggested Key Performance Indicators for STP's

Inputs

- Knowledge Workers
- Entrepreneurs
- Patents, Prototypes
- ICT Facilities
- R&D
- Incentives
- PPPs

Outputs

- Number of Innovation Based Companies Created
- Number of High Value Jobs Created
- Number of patents/copyrights generated Economic benefits from sustainability projects
- Number of collaborative activities among companies
- Number of students linked with companies (internships, projects)
- Occupation of office space
- Number of projects between companies and university
- Average level of salaries in the park
- Average revenues of the companies
- Number of jobs conserved
- Number of projects supported by the government
- Number of companies in landing

Investment Zone at the City of Scientific Research and Technological Applications

- The project aims to establish the first investment zone for **Biotechnology, Information Technology and nanotechnology** at **SRTA-City**
- The incoming capital for the projects is about **500 million L.E.** and the total expected investment of about **2 billion L.E.**, as well as the number of permanent employment expected **5300** and indirect employment is **25000**

Project Location

- SRTA-City is located in Borg El-Arab City in Alexandria; 60 km west of Alexandria, and 7 km from the Mediterranean sea
- The total project area is 135 acres (567 thousand square meters) within the allocated area of the city which is 225 acres .
- The Land is allocated for the City for Scientific Research according to the Presidential Decree No. 372 in 2000



Location Advantages

- Near to Alexandria city
- Adjacent to Borg El-Arab industrial zone.
- Close to the International Hi-Way road.
- Close to the accommodation area in Borg El Arab.
- Close to a number of universities in Alexandria as the new universities by the PPP system

Overview of SRTA-City

- The city was established by the Presidential Decree No. 85 of 1993 to link scientific research with the industrial companies in the new Borg El- Arab
- In February 2007, SRTA-City began an ambitious plan to be the Science and Technology City (Technopolis) which depends on the relation between research and development, Business, Networked Entrepreneurship, Management & Collaboration and infrastructure to create knowledge Based Economy.



Investment Mechanism

Investment Zone

Sponsors

GAFI, SRTA-City, Ministry Of Higher Education & Scientific Research, MOI

General Investment Plan for the Cluster

- The Estimated number of projects expected is 60 projects, will be accommodated in two phases (5 years for each)will be beginning in January 2009
- The first phase will be 25 project and the second phase will be 35 project
 - ✓ **Pharmaceutical Projects: 5 projects**
 - ✓ **Nanotechnology and new materials projects: 3 projects**
 - ✓ **Biotechnology projects: 5 projects**
 - ✓ **Small and medium projects: 24 projects**
 - ✓ **Developed technology services centers: 5 projects**
 - ✓ **Renewable energy projects: 3 projects**
 - ✓ **Information technology projects: 10 projects**

Project Name	Estimated issued capital (million L.E.)	direct Employment	Indirect Employment
Pharmaceutical Projects	75	1250	7000
Nanotechnology and new materials projects	4.5	225	1200
Biotechnology projects	4.5	250	1700
Small and midum projects	60	1800	4000
Developed technology services centers	250	1000	6000
Renewable energy projects	30	225	3000
Infomation technology projects	5	300	1000
Total	429	5050	23900

