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APIs

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SCZONE.EG

#### **EXECUTIVE SUMMARY**

### API MANUFACTURING AS YOUR INVESTMENT OPPORTUNITY

 Global pharmaceutical companies are looking to diversify their supply chain and lower their dependency on traditional countries in Asia Pacific, taking lessons from the impact of the pandemic on the global supply chains

Egypt has the largest and fastest-growing

- pharmaceutical market in the region valued at \$6.2bn, with more than 152 drug manufacturing factories, importing more than \$2 Bn worth of APIs annually
- A huge investment opportunity to manufacture APIs in Egypt is driven by
- the growing trend towards localizing pharma manufacturing, creating export opportunities to the large pharmaceutical market in the MEA region valued at >\$708N

#### EGYPT AS YOUR LONG-TERM BUSINESS PARTNER

- Strong GDP growth outpacing global markets with an average growth forecast of 5.5% (2022-2025)
- EGP2.3tn invested into infrastructural developments over the past 7 years
- A trade and investment hub that is supported by the country's large domestic market, strategic geographic location, and large and educated talent pool
- The country boasts some of the most competitive labor & electricity prices amongst its peers, alongside various free trade agreements that facilitate profitable production & exports

### SCZONE AS YOUR UNIQUE INVESTMENT DESTINATION

- Well-connected to the modern road network of Egypt and enjoys direct connection to the new Suez-canal tunnels
- Offers direct financial incentives such as a 0% customs tax, a 0% VAT tax, and an export support program among other indirect incentives
- Enjoys special customs regime and trade regulations on top of being a one-stop shop for registrations, permits, licenses, and bureaucratic processes in general

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CHAPTER ONE
WHY INVEST IN API
MANUFACTURING



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With the Largest Pharmaceutical Market in the MENA Region, Egypt offers Significant Investment Opportunities for API Manufacturing



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■ UNIQUE LOCATION

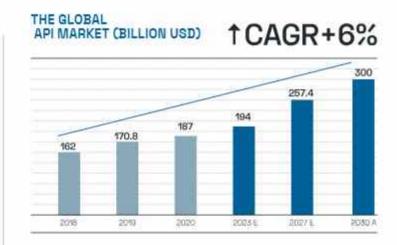
■ HIGHEST QUALITY STANDARDS

■ RESILIENT ECONOMIC GROWTH

# THE GLOBAL API MARKET IS GROWING AT A CAGR OF 6%, TARGETING 300BN USD IN 2030

#### KEY MARKET TRENDS TO CONSIDER FOR API MANUFACTURERS

- The increased prevalence of chronic diseases is driving the global pharmaceutical market growth and the need for active ingredients
- Global pharmaceutical companies are looking to diversify their supply chain and lower their dependency on traditional countries
- Targeted therapies require personalized medicine for smaller population sizes, which require a higher degree of flexibility in production facilities
- Reduced prices for APIs will drive demand, but will make existing locations less attractive due to inflated labor costs



API PRODUCERS WITH A RESILIENT STRATEGIC MANUFACTURING POSITIONING WILL BENEFIT MOST FROM THESE TRENDS

# SC°ZINE'

IS THE PERFECT PARTNER FOR PROGRESSIVE CMOS

The shift towards personalized medicine and production of small molecule APIs requires a stronger diversification with continuous and flexible manufacturing



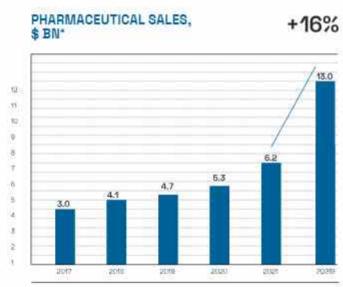
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UNIQUE LOCATION

HIGHEST QUALITY STANDARDS

■ RESILIENT ECONOMIC GROWTH

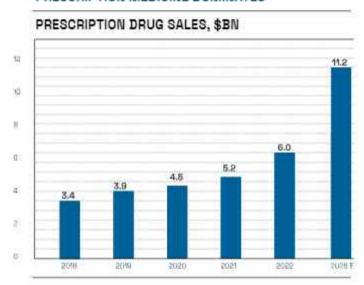
- Egypt's pharma sales are mainly driven by out-of-pocket expenditure as consumers find self-medication to be the cheapest form of treatment.
- Spending on pharmaceuticals is relatively high, contributing to around 25-30% of Total Health Expenditure (THE).
- One of the key drivers behind the industry's growth is the rapidly growing chronic disease burden that has accompanied the ageing and fast-growing population, particularly driving the growth of higher value prescription medicines in Egypt



<sup>\*</sup> Using surrage ourrency exchange rate 2018-2021

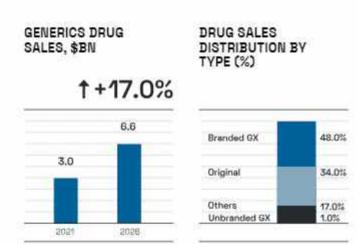
# THE STRUCTURE OF EGYPT'S PHARMACEUTICAL MARKET MAINTAINS AN ATTRACTIVE LOCAL MANUFACTURING ENVIRONMENT

#### PRESCRIPTION MEDICINE DOMINATES



 With 184bn EGP in Sales in 2028, more than 85% of Egypt's pharma sales are prescription drugs, leading to a sustainable growth in demand of pharmaceuticals

#### GENERIC DRUGS HAVE A SIGNIFICANT SHARE



 Generic drug sales, including branded and unbranded drugs, are expected to grow at 17% CAGR through 2026, making local manufacturing a highly attractive investment



### SC°ZINE'

#### SUPPORTS A FLEXIBLE PRODUCTION AT SCALE

Aging populations & increases in chronic diseases such as cancer, cardiovascular diseases & diabetes, accelerate the demand for APIs in the region



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■ UNIQUE LOCATION

■ HIGHEST QUALITY STANDARDS

■ RESILIENT ECONOMIC GROWTH

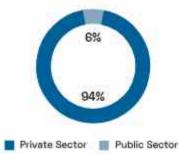
# MORE THAN 150 LOCAL DRUG FACTORIES RELY MOSTLY ON IMPORTED APIS VALUED AT \$2.3BN, PRESENTING STRONG OPPORTUNITIES FOR LOCAL API MANUFACTURING

152

DRUG FACTORIES IN 2022

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Currently more than 150 local factories manufacture pharmaceuticals

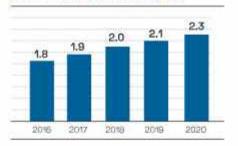


94% of investments in local drug manufacturing is driven by the private sector



VALUE OF IMPORTED APIs IN EGYPT

#### EGYPT'S API IMPORTS, \$ BN



### 90%

OF APIs IMPORTED

Despite the strong growth and position of local pharmaceutical manufacturing, more than 90% of all API's are imported.

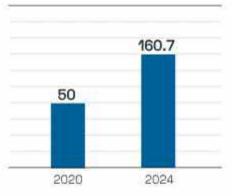
Hardly any local API manufacturing exists

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### IN ADDITION TO THE LOCAL MARKET DEMAND, FAST GROWING PHARMACEUTICAL MARKET IN AFRICA ENHANCES INVESTMENT OPPORTUNITIES

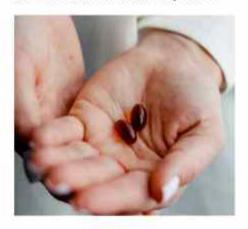
#### AFRICAN PHARMA MARKET (\$BN)





The wider pharmaceutical market in Africa is set to grow even faster than the expected domestic growth in Egypt, with hardly anu local API manufacturing capabilities established

#### MORE THAN 95% of all API's in Africa are imported



The SCZone in Egypt provides the most attractive investment destination for global manufacturers to serve domestic markets in Africa

- Highest quality standards to ensure a GMP readiness for local API manufacturing
- Proximity to African markets & ease of logistic access via road and sea

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# STRONG EXPORT OPPORTUNITIES WITH INCREASING DEMAND, COVERED BY FTAS FOR EGYPT

Beyond the domestic market demand in Egypt, multilateral trade agreements with the largest pharmaceutical manufacturing countries exist



- Bemoving tariffs on all trading industrial products
- Total API imports of \$96.18BN in 2019 for the EU 27
- Egypt is one of 4 countries in Africa, 8 in MEA region that have FTA with EU



- Among 55/54 African Union nations: by Feb 41,2022 countries deposited their instruments of ratification.
- Removing oustoms and tariffs.
- The pharmaceutical market in Africa has a CAGR of 20% in the coming years.
- African countries import between 95% to 99% of their required medicine.



- Conditional duty-free access to the largest pharma & API market
- The North American API market is valued at \$87.9BN in 2019
- Currently both Jordan and Israel have FTAs with the US (separate from QIZ)

# STRONG EXPORT OPPORTUNITIES WITH INCREASING DEMAND, COVERED BY FTAS FOR EGYPT



- Eliminating most tariffs among members
- The Middle-East API Market is expected to reach \$19.5BN by 2026 from \$11.1BN in 2016 with a CAGR of 5.9%
- A high spending power and a cultural preference for expensive foreign brands in GCC has resulted in 85% of pharmaceuticals in the country being imported, which can be partially met by Egypt through the GAFTA Trade Agreement



- Reducing oustoms duties
- In 2019, Latin America imported an API value of \$2.7BN from China alone (8% of China's API exports)
- Egypt is one of only 2 countries in the MEA region that has an FTA with Mercosur countries

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## STRONG OPPORTUNITY FOR INVESTMENT IN LOCAL API MANUFACTURING EXISTS WITH SIGNIFICANT EXPORT POTENTIAL

4-8

New proposed factories

The existing market Gap in local API manufacturing creates a significant opportunity for new factories.

5%

Reduction of import value

Each new API factory with an average plant capacity of 2000 TPA is expected to reduce Egypt's API imports by 5%.



Export Value

In addition to capturing a fair share of the local markets, each factory can achieve an annual export value of over \$130MN.



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### THE API FACTORY WILL BE LOCATED IN A SPECIALIZED INDUSTRIAL PHARMACEUTICAL AND API CLUSTER WITH ACCESS TO ALL REQUIRED FACILITIES AND UTILITIES





SCZONE OFFERING AN AREA OF 230 KM² IN EAST PORTSAID INDUSTRIAL ZONE

#### UTILITIES:

- Sea Water Desalination Plant (New EPS Citu) 150,000 MF/day.
- A Wastewater Treatment plant (capacity of 100,000 M³/day).
- Sewage Lifting Stations / 4 X 500 Ltr/S.
- Electricity Substation (125\*2 MVA)
- ElectricitySubstation under construction
- (175\*2 MVA) + 3 Electricity networking Projects
- Fiber Optics Cables

SCZONE OFFERING AN AREA OF 300 KM2 IN SOKHNA INDUSTRIAL ZONE

#### UTILITIES:

- Sea Water desalination plant with a capacity of more than 100,000 M<sup>3</sup>/ day
- Waste-water treatment plant with a capacity of 35,000 M³/day
- Portable Facility with a capacity of 2,000 M<sup>2</sup>/day Wastewater Treatment.

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PROVIDES A HOLISTIC ENVIRONMENT FOR THE HIGHEST **CGMP PRODUCTION** 

An API is only as valuable as its purity - across raw materials, synthesis, production and storage capabilities



■ HIGHEST QUALITY STANDARDS

■ RESILIENT ECONOMIC GROWTH

# API MANUFACTURING IN THE SCZONE GUARANTEES THE HIGHEST PRODUCTION STANDARDS AND A SEAMLESS VALUE CHAIN

#### PHARMA GRADE CHEMICALS



The majority of APIs used are synthetic, for which Egypt has a strong supply of pharma grade chemicals. Biological raw materials are mainly imported

#### HIGHEST GMP STANDARDS

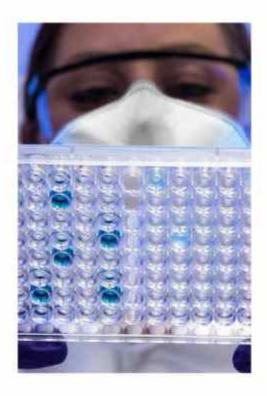


Egypt has competitive labor costs, available machinery and equipment, and professional infrastructure

#### ACCESS TO GLOBAL AND LOCAL MARKETS



The strategic location of the SCZONE on a global trade route and its proximity to Africa, the Middle East and Europe provide a unique platform for global exports



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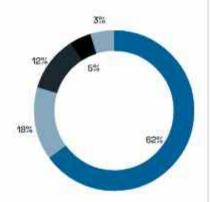


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#### CHEMICAL SYNTHESIS APIS DOMINATE THE EGYPTIAN MARKET

### API TYPES USED IN EGYPT



- Chemical Biological
- Semisynthetic
- Both biological & chemical

### NEARLY 70%

OF THE APIS OF THE BEST-SELLING DRUGS IN EGYPT (2019) ARE THE RESULT OF CHEMICAL SYNTHESIS MANUFACTURING, WHICH IS IN LINE WITH THE GLOBAL TREND.

30% are the result of BIOLOGICAL SYNTHESIS MANUFACTURING



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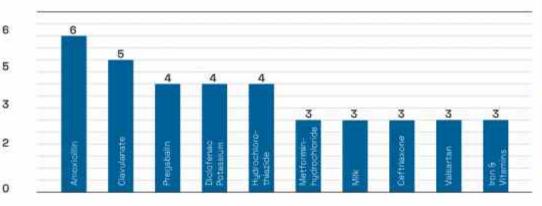
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### BIOLOGICAL SYNTHESIS APIS ARE DEMANDED BY THE TOP 2 BEST-SELLING DRUGS IN EGYPT

#### APIS FOR THE TOP 100 BEST SELLING DRUGS IN EGYPT



- The APIs of the top 2 best-selling drugs in 2019 (Augmentin, Hibiotic),
   which are amoxicillin and clavulanate, are based on a biological synthesis
- Most Molecular and Mioro-Biology products are currently imported



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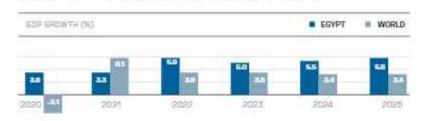
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002 **CHAPTER TWO** WHY EGYPT



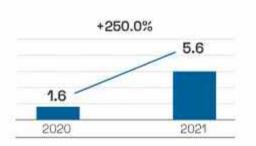
# EGYPT IS ONE OF THE LEADING ECONOMIES AND GROWING INVESTMENT HUBS IN AFRICA AND THE MIDDLE EAST

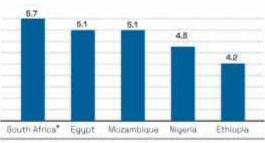
#### GROWTH RATE EXCEEDING GLOBAL AVERAGES



 Strong GDP growth outpacing global markets with an average growth forecast of 5.5% until 2025

#### GREENFIELD INVESTMENTS (\$BN) FOREIGN DIRECT INVESTMENT (\$BN)

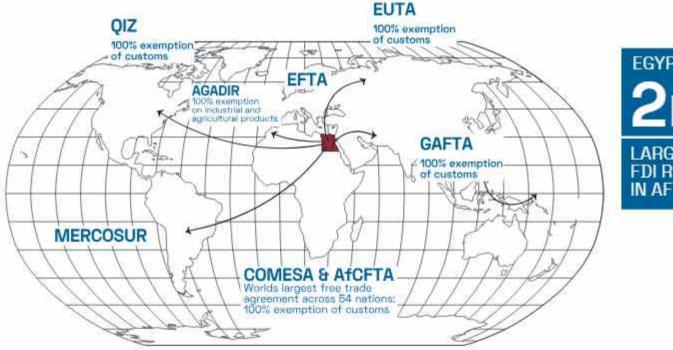




<sup>\*</sup>South Africa FDI excludes Naspers & Prosus \$35 BN deal

 A trade and investment hub that is supported by the country's large domestic market, strategic geographic location, and large and educated talent pool SC°Z NE

### WITH 12% OF GLOBAL TRADE PASSING THROUGH THE SUEZ CANAL. EGYPT IS STRATEGICALLY LOCATED AND SUPPORTED BY REGIONAL FREE TRADE AGREEMENTS





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### THE GOVERNMENT'S RECENT ECONOMIC AND STRUCTURAL REFORMS ARE BEARING FRUIT

#### LEGISLATIVE AND INSTITUTIONAL REFORMS

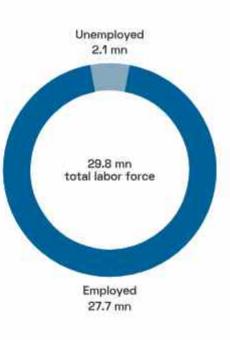
- · Facilitating trade by automated customs system "Nafeza" [2021]
- Online system for filing and paulng taxes [2020]
- Strengthening minority investors protection [2020]
- One-stop investor shops to obtain necessary approvals and licenses

EASE OF DOING BUSINESS SCORE



#### LABOR MARKET AND TALENT DEVELOPMENT

- Large and skilled labor force of 29.8 million people
- 85.8K graduates from higher technical institutes
- >150,000 teachers registered in TVET system
- >2 million students enroll in the Technical Education & Vocational Training (TVET) program annually



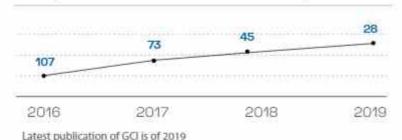
# EGYPT HAS ACHIEVED HISTORICAL AND UNPRECEDENTED ACHIEVEMENTS IN THE FIELD OF INFRASTRUCTURE PROJECTS

#### INFRASTRUCTURE AND CONNECTIVITY

- EGP2.3tn invested into infrastructural developments over the past.
   7 years
- EGP1.1tn designated for road network development between 2014-2024, resulting in the construction of 7000km of newly developed roads and maintenance of 5000km of existing roads
- EGP387bn invested into the energy sector between 2014-2021, which saw Egypt achieving an electricity production surplus of >25% in 2022.
- EGP50bn invested In upgrading existing airports, alongside the construction of 5 new airports in key areas across Egypt.
- \$12.4bn allocated to the "National Ports Development Plan" launched in 2017 to increase total cargo tonnage handled per year from 120mn tons to 370mn tons by 2030
- 28% of total government investments allocated to the transportation sector in FY 2022/2023, of which EGP176bn are earmarked for the National Authority for Tunnels
- National high speed electric train spanning 1000 km, connecting sea- and land ports to cities and industrial areas, set to have its first phase completed in early 2023 at an investment cost of about \$8.7bn



#### QUALITY OF ROADS INFRASTRUCTURE, RANK



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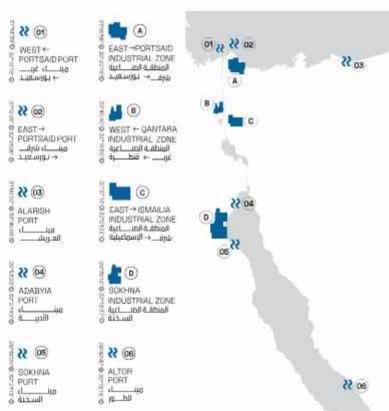
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003 CHAPTER THREE WHY SCZONE



# THE SCZONE PROVIDES AN INVESTOR-FRIENDLY BUSINESS ENVIRONMENT THAT IS A CORNERSTONE FOR EGYPT'S NATIONAL DEVELOPMENT PLANS





# SCZONE IS A PROMISING INVESTMENT ZONE LOCATED AROUND THE GLOBAL TRADE ROUTE [SUEZ CANAL] WITH

REGIONAL CONTEXT

1.3 BN

GROSS CARGO TRAFFIC/YEAR

12%
INTERNATIONAL
TRADE/YEAR

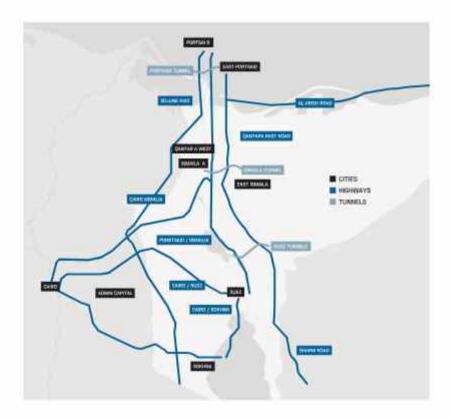




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### THE SCZONE IS WELL CONNECTED TO EGYPT'S MODERN ROADS, RAIL AND AIRPORT NETWORK

SC70NF is well connected to the modern roads network of equpt and enjoys direct connection to the new suez canal tunnels, facilitating transportation between its two banks



# THE SCZONE'S SERVICES FACILITATE KEY PROCEDURES FOR INVESTORS



#### SPECIAL CUSTOMS REGIME AND TRADE REGULATIONS

- Create an integrated industrial community
- Establish a logistic platform to serve international trade
- Reduce costs and time of shipments release
- Simplify and ease import/export regulations

#### ONE-STOP SHOP

#### Providing convenient integrated services under one ceiling

- New Establishments & Companies registrations
- Issuing all Licenses (construction & operation... etc)
- Extracting the work permits
- Issuing residency permits for the foreign investors

# ATTRACTIVE INCENTIVES AND BENEFITS FOR GLOBAL INVESTORS BUILD A CONDUCIVE BUSINESS ENVIRONMENT IN THE SCZONE [4/2]

#### DIRECT FINANCIAL INCENTIVES

#### 0% CUSTOM TAX







- 0% customs on all projects' components imported from abroad under the condition of exporting the final products
  - Custom tax applied on imported components only when exporting to the local market
- 0% VALUE ADD TAX



#### EXPORT SUPPORT PROGRAM



- 0% VAT applied on all local and foreign imports required for manufacturing, production and operation
- 14% VAT is only applied when exporting final products from SCZONE to the domestic market

#### EXTOTT COLL OLL THOUGHAN

 Industrial manufacturers for export purposes at SCZONE will benefit from the program

Discount on Tax (net profit) equivalent to 50% of

does not exceed 80% of the paid-in capital

the project investment costs such that the incentive

Enhancing the price competitiveness at foreign markets

# ATTRACTIVE INCENTIVES AND BENEFITS FOR GLOBAL INVESTORS BUILD A CONDUCIVE BUSINESS ENVIRONMENT IN THE SCZONE [2/2]

#### INDIRECT INCENTIVES

#### "THE LEGAL FRAMEWORK"



 SCZONE established and empowered by the special economic zones Law No. 83/2002 which gave a legal framework that reinforces; Flexible, Autonomous and Decision in a single place

#### "ONE-STOP-SHOP SERVICES"



- New Establishments & Companies registrations
- Issuing all Licenses (construction & operation.. etc)
- Extracting work permits
- Issuing residency permits for foreign investors

#### EXPORT & IMPORT REGULATION



- Special rules governing imports and exports from the SCZONE
- Reduced cost & time of regulatory examination of shipments
- Treating end industrial products as local products

#### NEW CUSTOMS GUIDE 2020 & DIGITAL TRANSFORMATION



- Creating an integrated industrial community
- Establishing a logistic platform to serve international trade
- Reducing release time of shipments

#### 5-YEAR RESIDENCY PERMIT FOR THE FOREIGN INVESTORS.



 Foreign investors have the right to obtain residency for a period of 5 continuous years, renewable for similar periods throughout the duration of the project

2022

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### CONTACT US TO LEARN MORE ABOUT INVESTMENT OPPORTUNITIES

WE WILL SUPPORT YOU EVERY STEP IN THE WAY, FROM CONCEPTUALIZATION TO IMPLEMENTATION

CONSIDER

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002 EXPLORE

DOS PLAN

CONTACT US
INVEST@SCZONE.EG

