1. Profile of the island
2. Island of Chios - Competitive Advantages
3. Investment Opportunities in the island

4. Investment Incentives
1. Profile of the island

2. Island of Chios - Competitive Advantages

3. Investment Opportunities in the island
Chios is one of the largest islands of the North East Aegean and the fifth largest in Greece, with a coastline of 213 km. It is very close to Asia Minor and lies opposite the Erythraia peninsula. It is known as one of the most likely birthplaces of the ancient mathematicians Hippocrates and Enopides. Chios is notable for its exports of mastic and its nickname is "The mastic island".

The Regional Unit of Chios includes the islands of Chios, Psara, Antipsara and Oinousses and is divided into three municipalities: Chios, Psara and Oinouses.

- Area of 842.5 km²
- 5th largest of the Greek islands
- Permanent population:
  - 52,574 inhabitants (census 2011) including Oinousses and Psara
  - 51,390 inhabitants (only Chios)
The island of Chios is a unique destination with:

- Important **cultural heritage** and several historical monuments
- Rich natural **environment** of a unique diversity
- Rich **agricultural** land and **production** expertise in agriculture and livestock production (mastic, olives, citrus fruits, etc)
- **RES** capacity (solar, wind, hydro)
- Great concentration in **fisheries** and **aquaculture**
- Satisfactory **infrastructure** of transport networks (1 airport, 2 ports and road network)
- **Great history, culture** and tradition in mercantile maritime, with hundreds of seafarers and ship owners
Chios is served by one airport and two ports (Chios-central port and Mesta-port) and a satisfactory public road network.

**Main Airport: Chios Island National Airport**, is also known as "Omiros" Airport and is located at the region of Kampos, south of the town of Chios.

**Main Ports:**
✓ **Port of Chios** is located in the central-eastern part of the island. It is 3.5 miles from the peninsula of Eritrea in Cesme. The port accommodates 2 passenger/cargo ships of 20,000 tons each one and 1 passenger ship of 700 tons at the same time.
✓ **Mesta-port** is located 4km south of Mesta and is one of the most contemporary port of Chios. Approached by cargo ships.
Chios is well known for its rich cultural heritage and historical monuments from the Prehistoric, the Archaic, and the Classical the Hellenistic periods, till the post-Byzantine period.

✓ The famous Archaeological Museum was constructed in 1960 and the first exhibition took place at the end of the 70s. It contains collections of Prehistoric, Neolithic and Archaic findings from the excavations operated by the British Archaeological School in the areas of Emporios, Fana and Agio Galas.

✓ The Byzantine museum has been housed in an Ottoman mosque since 1980 and its collections include items from the 5th to the 18th century. In the yard there are exhibited Early Christian period, Byzantine and Genoese sculptures, canons of the 17th century as well as Jewish and Muslin tombstones.

✓ The Palace of Ioustiniani dates back to the 15th century and is located to the Castle’s entrance.

✓ The Ancient Temple of Apollo Faneos is on a hill in the southeastern part of the settlement Fana. The Ionians constructed the temple that along with the Sanctuary in Delos and the temple of Poseidon in cape Sounio forms an isosceles triangle.

✓ The Monastery of Nea Moni is one of the most significant historic monuments in Chios and was constructed in the 11th century in a whole-green area of 17000m². It is located 15km far from the capital, between the settlements Karies and Avgonima.
Chios is well known for its rich natural environment of a unique diversity. Great morphology, beaches, mountains, volcano, particular geological formations, diversity of flora and fauna create a unique destination.

✅ In the northern mountainous part there is Pelinaio Mount with the highest peak Agios Ilias (1297m). Other mountains are Oros (1126m), Amani (809m) and Provatio or Provatas in the mainland (773m).

✅ The volcano in Emporio and the seismic fault towards the settlement Tholopotami shapes the island’s surface.

✅ About 45 beaches of particular beauty

✅ The marble of Chios and the stone ‘Thimianousiki’ have been used as the main construction materials for many years.

✅ Chios’ fauna is characterized by endemic and migratory birds.

✅ Chios’ flora is characterized by variety and diversity.

✅ The most notable plains are the Kampos of Chios with citrus fruits’ cultivations.

✅ The famous mastic tree is being traditionally produced on Chios.
The importance of the island consists in its **geographical strategic position**, as it was at the crossroads of trade routes leading from Asia Minor on the Black sea and from the North African coast.

From the 13th century, Chios had already become a **transshipment hub** in the Eastern Mediterranean and Egypt, and also constituted a **commercial station** for several European countries.

During the Genoese occupation, the island's economy has strengthened significantly and contributed to the further **development of shipping and shipbuilding**.

In 1961, the number of mariners who lived in Chios is estimated to be **2,500**—the **second urban concentration of mariners after Athens and Piraeus**.

The contribution of **Chians ship-owners, shipbuilders, mariners** in the Greek Shipping History is greatly appreciated and is ongoing.

**The historical shipping families of Chios include:** Andreadis, Angilicousis, Apodiakos, Carris, Chandris, Dromocaitis, Economou, Fafalios, Frangos, Georgandis, Glyptis, Halcosasisis, Kallikis, Livanos, Los, Michalinos, Michalos, Niarchos, Pittas, Pailos, Peraticos, Rallis, Rodocahachis, Scarmanga, Schilizzis, Tsangaris, Tsakos, and Xylas.
The top three Ship-owners from Chios

According to the **Lloyd's List Top 100 for the 2015**, Greeks dominate in merchant shipping with **13 ship-owners** in the top 100 of the list. The fleets controlled by Greek ship-owners reach **335 mn. tons dwt**, far exceeding **60 mn. tons** from the second **Japan** and the third **China** which has nearly the half capacity (**178 mn. tons**) from Greece.

**John Angelicoussis ranks 5th**: With a major presence in dry bulk, tankers and LNG carriers, the group is considered a leader in scale and operational ability in each sector. The group has ensured itself a major presence in every sector in which it operates, with strong claims to be considered a leader in both scale and operational ability in each sector. The group verges on 100 vessels in the water and another 30 on order.

**Peter G. Livanos ranks 21st**: is the biggest shareholder in liquefied natural gas carrier operator Gaslog Ltd. and tanker owner Euronav NV. Prokopiou listed Dynagas LNG Partners LP on the New York Stock Exchange in 2013. Economou’s Dryships Inc. operates bulk carriers. Together, their fleets exceed 40 million deadweight tons. Livanos operates 83 vessels, while Prokopiou has 89 and Economou has 116, according to Shipping Finance.

**Nikolaos Tsakos ranks 45th**: is the Founder, President and CEO of Tsakos Energy Navigation (TEN) Limited, a pioneering company which is the longest established Greek shipping public listing. In December 2015 TEN owned and operated a fleet of 48 product and crude oil tankers on charter to national, major and other independent oil companies and refiners under long, medium and short-term charters, including one 2007-built Liquefied Natural Gas ("LNG") carrier and two 2013-built DP2 shuttle suetzmax tankers.

*Source: https://www.lloydslist.com/ll/news/top100/*
Education and Research

• The island has one University (University of Aegean), which is located in the city of Chios. It consists of the School of Business Studies, which is comprised of the Departments of:

  • Business Administration,

  • Shipping, Trade & Transport and

  • Financial & Management Engineering.

It also includes the Administration of the School and the Departments, the Library of the School (Branch of the Central University Library) and Student Residences.

• Chios is an island with a great history, culture and tradition in mercantile maritime, with hundreds of seafarers and ship owners. The Merchant Maritime Academy of Chios is located in the city of Chios.
1. Profile of the island

2. The island of Chios - Competitive Advantages

3. Investment Opportunities in the Chios
Strong Potential of the island

**Strengths**
- Great geography and morphology
- Important cultural resources (archaeological sites, museums, churches and monasteries)
- Rich agricultural land and production expertise in agriculture and livestock production (mastic trees, olives etc)
- Great concentration in fisheries and aquaculture
- Satisfactory infrastructure of transport networks (airport, ports and road network)
- RES capacity (solar, wind, hydro)
- Attractive touristic place

**Challenges**
- Lack of liquidity for the further development of local SMEs
- Shrinking of internal market
- Refugee crisis
Refugee Crisis in the island

- Greece, due to its **geographical location**, constitutes the main **entry point** for thousands of **refugees and migrants** to Europe-the preferred ways are the sea routes.

- Thousands of **refugees** arrived on Chios, on remote beaches located at the **northern part** of the island, such as **Giosonas** and some small rocky beaches near **Kardamila** from the neighbouring coasts of Turkey.

- A temporary **migrant and refugee accommodation centre (hotspot)** which can host about **1,000** people, was built by the municipality of Chios, with the help of the **UN's refugee agency (UNCHR)**, volunteers and local services.

- The **EU-Turkey Agreement of 18th March 2016** limited significantly the refugee flows.

- A **screening center** located in Souda by **Doctors of the World – Greece (MdM Greece)** provides primary healthcare services. The services provided by a doctor, a nurse, a social worker and two interpreters, included medical screening, primary healthcare, provision of medicine and medical consumables as well as distribution of humanitarian aid items.

- **Volunteers** also help refugees providing humanitarian support.
### Main Macroeconomic data

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDP*</td>
<td>784</td>
<td>747</td>
<td>668</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>GDP per capita**</td>
<td>14,685</td>
<td>13,967</td>
<td>12,493</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>Unemployment Rate (%)</td>
<td>13.9</td>
<td>22.6</td>
<td>23.8</td>
<td>26.5</td>
<td>26.0</td>
</tr>
</tbody>
</table>

*In million euro
**In euro

### Gross Value Added by Industry 2013

<table>
<thead>
<tr>
<th>Industry/ Sector</th>
<th>Gross Value Added (amount in million euro)</th>
<th>% in total GVA of the Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, Forestry and Fishing</td>
<td>32</td>
<td>5.4</td>
</tr>
<tr>
<td>Mining, energy, water supply and waste management</td>
<td>35</td>
<td>5.9</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>21</td>
<td>3.6</td>
</tr>
<tr>
<td>Construction</td>
<td>26</td>
<td>4.4</td>
</tr>
<tr>
<td>Trade, transportation and storage, accommodation and food service activities</td>
<td>125</td>
<td>21.1</td>
</tr>
<tr>
<td>Information and Communication</td>
<td>9</td>
<td>1.5</td>
</tr>
<tr>
<td>Financial and Insurance activities</td>
<td>19</td>
<td>3.2</td>
</tr>
<tr>
<td>Real Estate activities</td>
<td>117</td>
<td>19.7</td>
</tr>
<tr>
<td>Scientific, administrative and support service activities</td>
<td>13</td>
<td>2.2</td>
</tr>
<tr>
<td>Public administration, education, health and social work activities</td>
<td>181</td>
<td>30.6</td>
</tr>
<tr>
<td>Arts, recreation and other service activities</td>
<td>14</td>
<td>2.4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>592</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

n.a. = not available
Economic Activity of the island

Primary Sector:

Agriculture

- Agricultural land includes a small part of the island
- The largest part of the agricultural land is irrigable
- The cultivations include olives, mastic, fodder plants, citrus, wheat, and vegetables
- Mastic trees grow in about 1/3 of agricultural land and its production is highly profitable and important for the island
Economic Activity of the island

Livestock

- Rearing of small animals (sheep, lambs)
- The famous “Chios Sheep” originates from the Greek island (high prolificacy, high milk production and meat production)

Fishing

- The sector of fish farming and aquaculture is developing rapidly
- In operation aquacultures units of marine species mostly with gilthead sea bream and sea bass
- Most of them are navigable and are in the northeastern part of the island
- The “open sea” fish farming is also a sector of particular interest
Economic Activity of the island

Secondary sector

Industrial Infrastructure

• The existing industrial and commercial units are small and dispersed

• Main activity the manufacturing of agricultural production (olive and oil mills, products of mastic, wineries, dairies etc)

• The Chios Mastic Museum is located in the region of the Mastichochoria and present the product's history and the industrial technology

• Mining, energy, water supply and waste management also shows growth
Economic Activity of the island

Tertiary sector

Tourism

- Chios has rich natural and historical resources and is very attractive destination
- A large part of the population of the island employed in the tourism
- The hotel infrastructure is highly developed

Source: Hellenic Statistical Authority data processed by Enterprise Greece
Economic Activity of the island

Tertiary sector

Shipping

• The contribution of the shipping in the economy of the island is significant

• The foreign exchange inflows are particularly high

• The Merchant Maritime Academy of Chios, the Department of shipping trade and transport-University of the Aegean and 2 Marine Museums contribute to the great tradition in mercantile maritime of the island
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Key sectors

➢ Tourism
➢ Food and Beverage
➢ Energy
Tourism

**Chios – A beloved tourist destination**

**Strengths**
➢ Satisfactory transportation infrastructure (airport, ports etc) proximity to Athens airport
➢ A vast variety of choices, covering all tastes
➢ Rich cultural heritage and historical monuments
➢ Excellent combination of mountain and sea, great morphology and geology
➢ Agrotourism in the island producing almost all traditional agricultural foods (products of mastic, olive oil, wine, milk, figs, cheese etc)

<table>
<thead>
<tr>
<th>REGION AND PREFECTURE</th>
<th>2013 TOURIST ARRIVALS</th>
<th>BEDS</th>
<th>2014 TOURIST ARRIVALS</th>
<th>BEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GREEK</td>
<td>FOREIGN</td>
<td>TOTAL</td>
<td></td>
</tr>
<tr>
<td>TOTAL GREECE</td>
<td>5,518,835</td>
<td>10,490,113</td>
<td>16,008,948</td>
<td>799,067</td>
</tr>
<tr>
<td>Chios</td>
<td>25,769</td>
<td>30,049</td>
<td>55,818</td>
<td>2,754</td>
</tr>
</tbody>
</table>

*Source: Hellenic Statistical Authority*
Tourism

**Chios – Big Projects**

➢ A **100-million-euro** investment project on the Aegean island for the development of a **5-star 700-room resort** complete with museum and educational facility by Kerameia S.A. has been included in the government’s list of strategic “Fast Track” projects.

➢ Expected tender for the **40 years concession** of the right to use, operate, manage and exploit the **Marina of Chios**.

➢ The second batch of airports set for privatization possible include the **airport of Chios**.

➢ Greek company **Hellenic Seaplanes** has expanded its waterway network to include the ports of the North Aegean islands Chios, Psara and Oinousses. The “**Ydatodromia Chios, Psara and Oinousses IKE**” will now apply for a license to operate the waterways at the ports.
Food and Beverage

Investment Opportunities

➢ Agricultural Production/Agribusiness (mastic, citrus fruits, figs, wines)
➢ Livestock production (mostly rearing of sheep, the “Chios Sheep”)
➢ Meat processing
➢ Dairy
➢ Fish farming and aquaculture
➢ Olives, olive oil
➢ Juices

Opportunities:
➢ Strategic investments in existing companies
➢ Development of new innovative products
➢ Expansion in new markets
➢ Synergy with tourism
Export manufacturing in F&B

- According to Chios Mastiha Growers Association, the trade activity is mostly exporting, since approximately 70% of Chios Mastiha annual production is forwarded to foreign markets. It is also worth mentioning that the most important products of the Association have been qualified as Protected Designation of Origin (PDO) products.

- The olive oil and the production of a special kind of dried olive, called “throuba” produced in Chios possible has a particular interest in the export manufacturing of the island.

- The exquisite varieties of its citrus fruits, especially the tangerine, which are produced in the Kampos of Chios may contribute to the development of the export manufacturing.

- High quality wines produced on the island, drawing from the long tradition of Ariousios Oinos (the famous wine of the ancient times) and also the production of “Ouzo”, possible could create a great perspective in the exports of the island.
Energy - RES

**Strengths**
- The island is suitable for RES project development
- Ideal conditions for wind and solar energy
- Priority dispatch for RES
- Decrease of RES production cost, investment incentives

**Chios (June 2016)**
- Installed capacity 69.93 MW
- Energy from RES 2.197.53 MWh
- Energy from from thermal units 15.071.24 MWh
- Percentage participation of RES in electricity production 12.73%
- 73 production electricity licenses from RES
- 4 desalination plants with total capacity of 4000m3/day (D.E.Y.A CHIOS)

**Investment opportunities**
- Wind Parks
- Solar parks/Photovoltaic Power Stations
- Water treatment and desalination systems

Source: Deddie, RAE, DEYA
Leading Companies in Chios
Enterprise Greece

Enterprise Greece is the new, **official agency of the Greek State**, under the supervision of the Ministry for **Economy, Development and Tourism**. Its mandate is to showcase Greece as an outstanding destination for **investment** and to promote the highly competitive products and services produced in Greece for **export**.

<table>
<thead>
<tr>
<th>Investment</th>
<th>Trade</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Attracts, welcomes, promotes, supports and retains investment in Greece</td>
<td>• Promotes the export of Greek products and services internationally through marketing, events, and trade centres</td>
</tr>
<tr>
<td>• Promotes Greece internationally as an attractive investment destination</td>
<td>• Supports Greek producers and service providers with guidance, assistance, information and resources to better reach international markets</td>
</tr>
<tr>
<td>• Accepts applications, evaluates and supports Greece’s Strategic Investment (Fast Track) projects</td>
<td>• Connects Greek exporters and entrepreneurs with potential partners around the world</td>
</tr>
<tr>
<td>• Provides investors with the Investor Ombudsman service</td>
<td>• Organizes the presence of Greek companies at conferences, fora, exhibitions and trade shows in global markets</td>
</tr>
<tr>
<td>• Informs investors of Greece’s institutional, tax, legal, and financial framework</td>
<td>• Hosts foreign delegations and visitors to Greece</td>
</tr>
<tr>
<td>• Supports investors in accessing finance</td>
<td>• Partners with related organisations, domestic and international, to promote Greece’s export market</td>
</tr>
<tr>
<td>• Partners with related organisations, domestic and international, to promote Greece as an investment destination</td>
<td></td>
</tr>
</tbody>
</table>
Your partner for growth

109 Vasilissis Sophias Ave.
115 21 Athens, Greece
T. 0030 210 33 55 700
F. 0030 210 32 42 079
E. info@enterprisegreece.gov.gr

www.enterprisegreece.gov.gr