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SS & STANDARDIZATION SITES
BUILDING RESTORATIONS

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BUILDING RESTORATIONS



RIAINA S.A.

SPORT COMPLECES OFFICE VENUES
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FESSIONAL VENUES OFFICE VENUES
EDUCATION INSTITUTES RESIDENCES
LOGISTICS SITES SPORT COMPLECES
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INDUSTRIAL BUILDINGS HOTEL UNITS
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LOGISTICS SITES SPORT COMPLECES
PROCESS & STANDARDIZATION SITES
BUILDING RESTORATIONS

the company



Introducing a surprisingly dynamic and tactile presence during the last twenty years in the realization of technical undertakings in Achaia Prefecture,

TRIAINA S.A.

is presently effective all around Greece by expanding their business cycle.

The company has realized the design, procurement and construction of a prominent number of projects in all building usage available, and has acquired a wide spectrum of experience and craftsmanship. Hereafter Triaina S.A. merits their painstakingly acquired **impeccable reputation** and predominant place through their professional presence among construction companies.

The company's scope relies primarily in the design, procurement and construction of **privately owned and publicly governed edifices**.

To be more specific, the company has realized numerous professional venues (office and commercial use), hotel units, handicrafts and industrial settlements sport complexes, and logistics, as well as, private residences and housing complexes of all sizes in the outmost dedication to detailed design, while they also specialize in the restoration of listed buildings of historical interest.

Among its conventional objectives in construction activity, Triaina S.A. has also assumed various specialized works, such as electromechanical installations, hydraulic works, cooling compartments, waste-water treatment installations, application of HACCP specifications when required, etc. Indicative traits of numerous specialized works are presented later on.

In many of their projects Triaina S.A. has applied pioneer resolutions and systems of advanced technology, such as bioclimatic design, "Intelligent Building" applications, sensor-automated installations of heating and cooling distribution, alarm system, ventilation and illumination control, as well as remote operation of all functions, which furnish any building use. Embracing the overgrowing necessity to introduce alternative sources of energy to their scope, Triaina S.A. has adopted innovative and **environmentally friendly technologies** (photovoltaic modules, natural light wells, heat pumps, utilization of geothermal energy, green-roof systems, automated external shading blinds, energy efficient glazing, trombe walls, ventilation stacks, protective buffer zones, utilization of natural flora, topology and climate, application of recording building energy efficiency through the latest state-of-the-art software, etc).

Following Triaina S.A. in terms of approach and objectives, company OKTO S.A. was developed in 2007 to assume the specialized part of erecting steel structures, in order to provide Triaina S.A. with the vertical integration and independence long needed in structural steel design and its specific traits, while since 2010 company ATRINIA S.A. has arisen involved in designing, developing, realizing and utilizing temperate energy resources, setting off new sustainable technologies and espousing bioclimatic architectural design.

Triaina's philosophy and practice is to execute and deliver all assumed works strictly within schedule and budget **in the highest of standards**, applying novel techniques and solutions. Triaina's objective is to provide all required services for the materialization of any construction project in competitive levels and to the fullest of aspiration. That is an indisputable fact ensured by the technical infrastructure available, the experienced and dedicated staff, and the contemporary organizational techniques applied.

Triaina's impeccable reputation has compounded in permanent collaboration with architectural, engineer and electromechanical practices, as well as with famous commercial representatives, which enables the company to a constant development and upgrade of provided services.

Verification of the above is testified by the certification of Quality Management System (EN ISO 9001:2015), the Environmental Management System (EN ISO 14001:2015) and the Occupational Health & Safety Management System (EN ISO 45001:2018), all adopted by the company, as well as the registration to the record of Contractor Enterprises (MEEP 4th grade) of the Ministry of Environment, Energy & Climate Change.

The company was founded by and consists of young architects and engineers, who face every new challenge with creativity and imagination.

Triaina's objective relies in constant advancement and response to contemporary requirements in the framework of international competition for integrated **state-of-the-art services**.

REFERENCES

SELECTED CLIENTS

AKTOR S.A.
ANDRIKOPOULOS COMMERCIAL S.A.
CORALLIA (HELLENIC TECHNOLOGY CLUSTERS INITIATIVE)
CRETA FARM S.A.
DSGI SOUTH-EAST EUROPE S.A. (KOTSOVOLOS)
DUROS NIKOLAOS (DUR ESCAPE LAND)
DYNACOMP S.A.
EFSTRATIADIS S.A.
GALAXIDI AQUACULTURES S.A.
KAPOTAS S.A.
LOUX MARLAFEKAS COMMERCIAL S.A.
MED FRIGO S.A.
MOTORLAND S.A.
PANOU EDUCATIONAL INSTITUTE
PARTHENON S.A.
PATRAS CHEMICAL BIOPHARMACEUTICAL LABORATORIES S.A.
P.P.C. S.A.
SEPHORA S.A.
WORLDWOOD HELLAS (ROUCHOTAS BROTHERS LTD)

the company



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George Danos
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FINANCIAL Dpt.
Aristea Rizakou
arizakoy@triaina.gr

REFERENCES

COLLABORATING BANKS

NATIONAL BANK

Central Branch (225)

ALPHA BANK

Central Branch (530)

PIRAEUS BANK

Central Branch (2505)

the company



AUSTRIA
HELLAS
EN ISO 9001:2015
0105102
EN ISO 14001:2015
20051210005126
EN ISO 45001:2018
20152210005124

MAIN SUPPLIERS

ACP HELLAS LTD

ALFA CASA S.A.

ALFA COOL HELLAS S.A.

ARKHON PANEL S.A.

ATRINIA S.A.

CARTECO S.A.

CHROTEX S.A.

CORUS - KALPINIS - SIMOS S.A.

CREDOR LTD

DYNACOMP S.A.

EFSTRATIADIS S.A.

ELEKTROVIOMICHANIKI LTD

EVEL STEEL CONSTRUCTIONS S.A.

HILTI HELLAS S.A.

HORMANN HELLAS LTD

INTERBETON S.A.

KAFKAS S.A.

KNAUF S.A.

LACOMAR PISANI HELLAS S.A.

LIRITIS S.A.

METAXIOTIS S.A.

M.FOURAS - A.MESALAS

OKTO S.A.

QUALITY LTD

TITAN CONCRETE S.A.

VIMEPP S.A.

Commercial Venues

SHOPPING CENTER (OFFICE - COMMERCIAL USE)

PROPRIETOR: AKINITA PATRAS S.A.
PROJECT DESCRIPTION

Covering a total area of 5,500m², the company assumed the design, procurement and construction of the project on a 3-acre site.

It is a composite structure of reinforced concrete slabs and columns, and structural-steel roof framework.

The main building areas were orientated around a 100m²-size atrium, which sheds ample natural air and light in the core of the building, ensuring aesthetic comfort for users in every level, while it creates microclimate, required for sustainable management of the building's consumed energy.

Due to large glass-pane surface, warm air is rising towards the atrium's glass roof, where it vents out through automated openings, reducing the use of air-conditioning. Shading is accomplished by metal louvres on windows facing south and south-west.

Applied ceramic ventilated facade technology clearly contributes in preserving a stable, natural, insulating behavior of the envelope, so that the building is vested in a monolithic material, which allows natural-air circulation through the cladding system, a fact which makes the energy footprint of the building easier to manage.



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Commercial Venues

TWO-STOREY EXHIBITION CENTER

**PROPRIETOR
ALFA CASA S.A.**

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project (construction works and electromechanical installations of approximately 8,680m², and landscape works of 3,275m² on a 6,195m²-sized site).

It is a composite structure of reinforced concrete and structural steel.

The main areas of the building are its basement, the ground and 1st floor, all composing individual exhibition halls.



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Commercial Venues

MERCHANT WAREHOUSE

PROPRIETOR
EFSTRATIADIS S.A.

PROJECT DESCRIPTION

The company assumed the design, procurement and construction of the project (construction works and electromechanical installations of approximately 3,335m², and landscape works of 3,470m² on a 4,500m²-sized site).

The building consists of a basement floor, the warehouse ground-storey floor, the exhibition area and separate office area.



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Commercial Venues

AUTOMOTIVE EXHIBITION CENTER

PROPRIETOR
MOTORLAND S.A.

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the steel-structure project described below (construction works and electromechanical installations of approximately 1,665m², and landscape works on a 1,160m²-sized site).

The main areas of the building are its basement floor and the ground-storey exhibition area.



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Commercial Venues

AUTOMOTIVE EXHIBITION CENTER

PROPRIETOR
I. TSIORIS

PROJECT DESCRIPTION

The company assumed the design, procurement and construction of the project (construction works and electromechanical installations of approximately 5,185m², and landscape works of 9,600m² on a 12-acre site).

The building consists of a ground-storey exhibition area and workshop departments, as well as spacious store area in the basement floor.

The construction included structural-steel framework, composite slabs, side and roof PVC paneling, and application of SERBOND cladding system.

What seemed like a non-feasible curvilinear roof structure above the exhibition area, initially, proved none-the-less to be a great opportunity to apply PVC roofing membrane system for the specific project to facilitate all twists and turns required by the architectural concept.



3D VIEW



 TRIAINA S.A.

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Commercial Venues

AUTOMOTIVE PARTS SUPPLY & EXHIBITION CENTER

PROPRIETOR
A. VASILEIOU

PROJECT DESCRIPTION

The company assumed the design, procurement and construction of the project (construction works and electromechanical installations of approximately 680m² , and landscape works on a 570m²-sized site).

It is a composite structure of reinforced concrete body core and structural-steel roof framework.



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Commercial Venues

HYGIENIC STANDARDS MULTISTORE

PROPRIETOR
ANDRIKOPOULOS COMMERCIAL S.A.

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below. The building construction works and electromechanical installations took up ground-floor area of 960m² and basement-floor area of 967m² on a 5,048m²-sized site.

The design strategy involved structural-steel building framework, PVC roofing and aluminum panels cladding. The concept was carried through by lining part of the load-bearing frame of the building with Serena marble cladding made waterproof and bearing antigraffiti protection, while metallic shading louvres of elliptical cross-section were utilized to hold the company's corporate identity.



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Commercial Venues

TWO-STOREY HYGIENIC STANDARDS MULTISTORE

PROPRIETOR
ANDRIKOPOULOS COMMERCIAL S.A.

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below. The building construction works and electromechanical installations integrated reformation of the elevations of existing commercial building of total area of 1,865m² on a 2,419m²-sized site.

The design strategy involved cladding the existing envelope of the building with aluminum panels, while metallic shading louvres of elliptical cross-section were suspended at first-floor level.

The concept was carried through by lining the load-bearing frame of the existing building with Serena marble cladding made waterproof and bearing antigraffiti protection, all the way up to the three sheds above ground level. At the same time the protection parapet in the sheltered ground-floor area was covered in granite panels sizing 1,00m * 0,60m.



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Commercial Venues

JUMBO MULTISTORE - ROUMELIOTIS SUPERMARKET

PROPRIETOR

G. ROUMELIOTIS SUPERMARKET COMMERCIAL S.A.

PROJECT DESCRIPTION

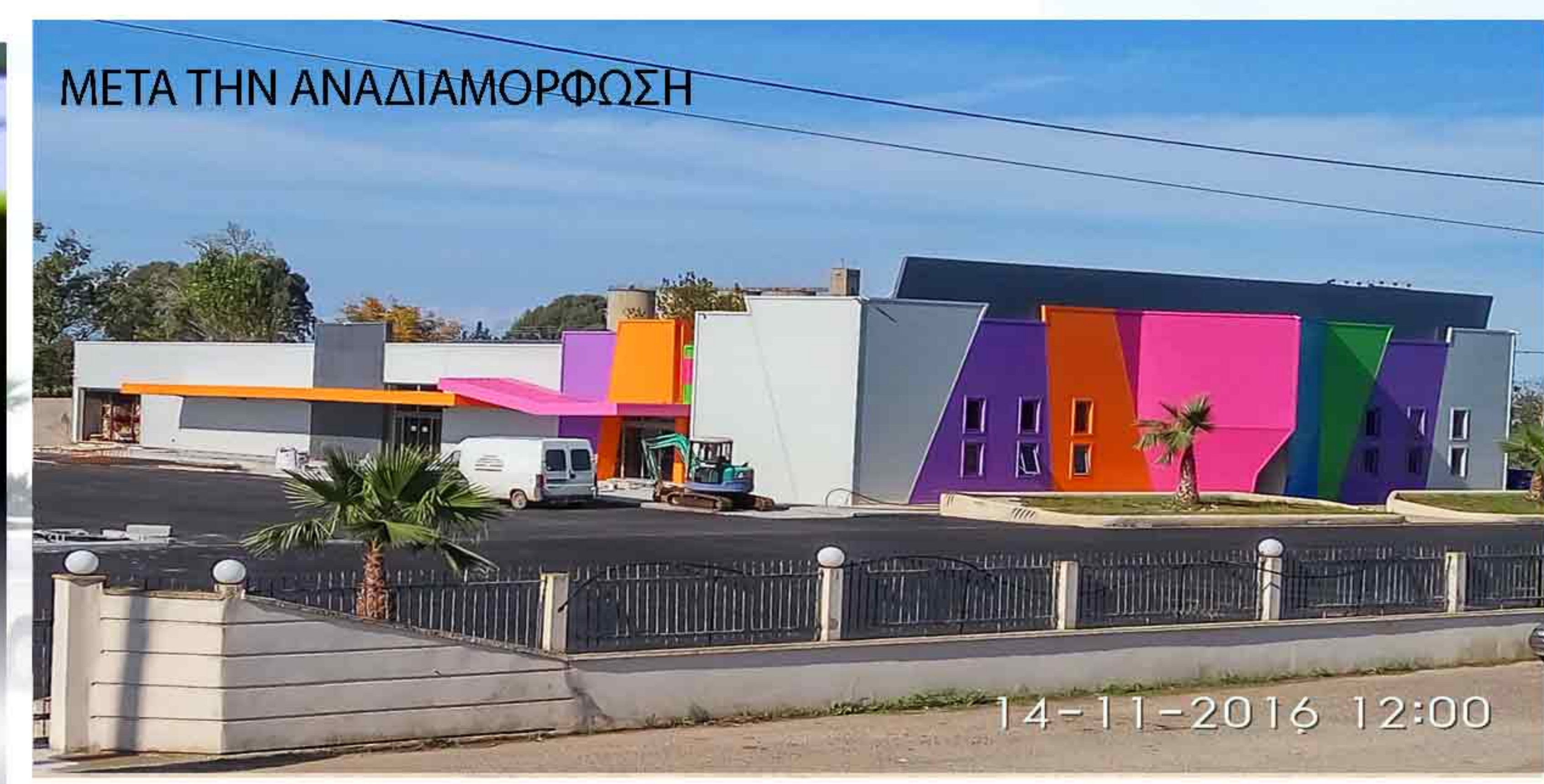
The company undertook the procurement and reformation of existing commercial building of total area of 1,525m² on a 4-acre site.

The design strategy involved cladding the existing envelope of the building with polyurethane panels following corporate identity colours. The multistore entry-exit points were marked by a new parapet cladded in aluminum sheets.

ΠΡΟ ΑΝΑΔΙΑΜΟΡΦΩΣΗΣ



ΜΕΤΑ ΤΗΝ ΑΝΑΔΙΑΜΟΡΦΩΣΗ



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Sport Complexes

ATHLETIC SERVICES BUILDING

PROPRIETOR: 3 ACTION G.P.

PROJECT DESCRIPTION

The company undertook the procurement and construction of the project (construction works and electromechanical installations of 1.890m², and landscape works of 1,180m²).

It is a structural steel-framed and reinforced concrete-framed composite building, comprising of polyurethane panel walls, as well as roofing.



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Sport Compleces

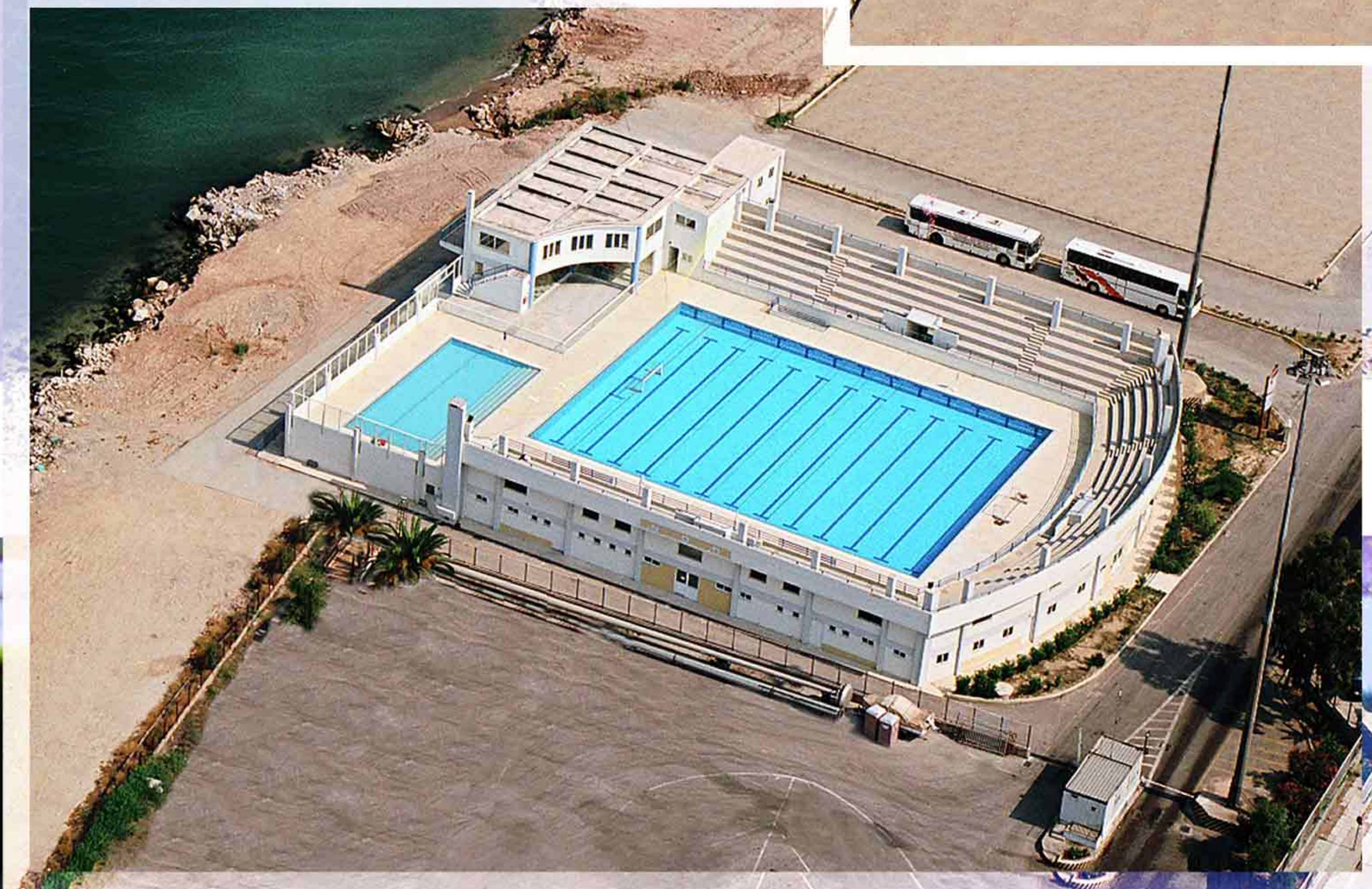
NAUTICAL SPORTS CENTER

PROPRIETOR
PATRAS NAUTICAL ASSOCIATION

PROJECT DESCRIPTION

Integrated enclosed 1.500-seated swimming pool center. The main construction covers 2,900m² with a 33.00m long * 25.00m wide swimming pool, as well as a 16.00m * 8.00m learning tank on a 7,160m²-sized site.

In the area under the stands several rooms are situated to enable all possible functions required, such as locker rooms, gym area, athletes waiting area and store room, while in a different part of the complex one finds the association offices, shops and a showroom.



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Sport Complexes

**OPEN-AIR TENNIS COURTS, CHANGING ROOMS, READING AREA,
SPORTS EQUIPMENT STORE & CAFETERIA**

**PROPRIETOR
KONSTANTINOS SPANOS & Co - GOLDEN TENNIS CLUB**

PROJECT DESCRIPTION

The company undertook the procurement and construction of the project (construction works and electromechanical installations of 60m², and landscape works of 1,240m² on a 4-acre site).

It is a structural steel-framed building comprising of OSB/plaster board walls, as well as polyurethane panel roofing.



 **TRIAINA S.A.**

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Public Venues

LIVADIA CITY HALL

RENOVATION AND ADDITION OF LISTED BUILDING,
BASED ON BIOCLIMATIC APPLICATIONS,
SHELTERING MUNICIPAL SERVICES AND CULTURAL VENTURES.

PROPRIETOR: MUNICIPALITY OF LIVADIA

PROJECT DESCRIPTION

The company undertook the procurement, renovation and addition of an existing educational building. The design strategy involved the transformation of the building into a municipal and cultural hub, which conforms to the bioclimatic agenda, covering 2,832m².

It is a three-storey high building with basement. Its initial load-bearing structural frame was constructed in 1972, followed by a later addition of a structural-steel mezzanine. The contract included restructuring of the basement, ground floor, first floor and second, as well as the addition of a third floor.

The designed focused intensely on bioclimatic and ADA specifications.



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Office Venues

RESEARCH AND DEVELOPMENT CENTER

PROPRIETOR
ATMEL HELLAS S.A.

PROJECT DESCRIPTION

Construction of office space and laboratories. The contract consisted of all construction works, and electromechanical installations of approximately 4,615m², and landscape works of 4,790m².

The formation of the landscape was extensive due to scraping and banking up of 50,000m² of land, as well as the erection of reinforced retaining concrete walls in different levels of landscape.



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Office Venues

OFFICE BUILDING

PROPRIETOR: CITRIX S.A.

PROJECT DESCRIPTION

Renovation in an existing office building in Kato-Ano Kastritsi, Patras, Greece. The project converts multiple divided office spaces into a new, fully open-plan, office area. The brief included three meeting rooms, two private offices, two kitchens and a game zone. The construction works and electromechanical installations consist of 530m² in a 3,000m²-sized office building, also designed and built by Triaina S.A.

Enabling responsive work ethic among employees through alternating work-play areas, as well as utilizing led-light fixtures throughout the entire floor plan clearly verify diligence in bioclimatic architecture.



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Office Venues

OFFICE BUILDING

PROPRIETOR
TRIAINA S.A.

PROJECT DESCRIPTION

Design, procurement and construction of two-storey office building. The main areas of the building are its basement floor, and ground and first-storey office floor. The construction works, and electro-mechanical installations consist of approximately 900m² on a 600m²-sized site. It is a composite structure of reinforced concrete slabs and structural-steel framework.

Facilitation of automated metal louvres on windows, designing a central atrium in the core of the building (creating microclimate), boosting natural cross-ventilation and lighting through automated openings at points of maximum concentration of warm air rising, installation of photovoltaic cells on the roof terrace, and remote central management of electromechanical installations of the building through state-of-the-art software clearly verify environmental consciousness and diligence in bioclimatic architecture.



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Educational Institutes

HIGH SCHOOL EDUCATIONAL INSTITUTE

PROPRIETOR
PANOU EDUCATIONAL INSTITUTE

PROJECT DESCRIPTION

Construction of a two-level high school educational institute with basement.

The project covered all the construction works and electromechanical installations of approximately 3,015m², and landscape works on a 4,590m²-sized site.

Embracing bioclimatic applications through the design, and later on, in the construction phase, such as German specified ceramic ventilated facade implements pioneering educational environment in Aitolokarnania prefecture. The specific technology construed, in a sense, a breathing "skin", which clad the building, and facilitated natural air circulation and its advantages throughout the external walling system, while, at the same time, eliminated all future cost in re-painting possible weather-damaged surfaces.

At the same time, pairing the objective of the building with the aesthetic comfort of the students lead to specific design and colour patterns in all interior shared areas, to generate a vivid learning setting.



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Educational Institutes

HELLENIC OPEN UNIVERSITY

**PROPRIETOR
HELLENIC OPEN UNIVERSITY**

PROJECT DESCRIPTION

Construction of three-storey building with basement to include the administrative departments. The construction works and electro-mechanical installations consisted of approximately 5,405m², while there were also landscape works on a 24-acre site.



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Industrial Buildings

INDUSTRIAL FACILITY AND SHED

PROPRIETOR
HelNet HELLENIC NETLOFTS

PROJECT DESCRIPTION

The company assumed the construction of an industrial facility which manufactures nets covering a wide spectrum of uses, such as net cages for fish farming, safety nets for athleisure, recreation and construction, nets for naval architecture, and nets for cargo transportation and agriculture.

The building consists of the ground-storey manufacturing area, office and personnel spaces, as well as the provision of a future first-floor office area. Construction works and electromechanical installations took up approximately 1,000m², an equally sized shed, and landscape works of approximately 4,000m² on a 10,000-acre site.

It is a combined structure of structural-steel frame and composite slab body core, while the envelope consists of roof and side PVC panels.



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Industrial Buildings

**SMALL INDUSTRY
STORING - PACKAGING - DISTRIBUTING
MEDICINE & PHARMACEUTICAL PRODUCTS**

**PROPRIETOR
SEFAR COOPERATIVE**

PROJECT DESCRIPTION

The company assumed the construction of the project (construction works and electromechanical installations of approximately 2,460m², and the landscape works of approximately 7,880m²).

It is a combined structure of structural-steel frame and composite slab body core, sheltered by roof PVC panels, while the envelope consists of side PVC panels and external insulation wall system (StoTherm facade system).



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Industrial Buildings

C.B.L. S.A. COMPANY SETTLEMENTS

PROPRIETOR

C.B.L. S.A.

PROJECT DESCRIPTION

Industry covering in total approximately 6,900m² produces medical raw materials for pharmaceutical industries, consisting of basement area and two-storey production area, as well as, office and laboratory floor space.

The landscape works took up 10,500m² on a 22-acre site.

The first building was completed in nine months, while the reforming of its surrounding landscape was realised two months later.

The second phase of the project consisted in the construction of storehouses, laboratory, specification control areas, and a packaging unit.

Triaina S.A. undertook the construction works and electromechanical installations, as well as, the construction of the industry's production network (reactors, filters, tanks and cooling / heating operations).



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Logistic Sites

SINGLE-STOREY WAREHOUSE AND TWO-STOREY OFFICE BUILDING

**PROPRIETOR
WORLDWOOD HELLAS (ROUCHOTAS BROTHERS LTD)**

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below. The building construction works and electromechanical installations took up 7,970m², and landscape works covered 18 acres on a 26-acre site.



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Logistic Sites

TWO-STOREY WAREHOUSES AND THREE-STOREY OFFICE BUILDING

**PROPRIETOR
ALFA CASA S.A.**

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below for ALFA CASA S.A.
The building construction works and electromechanical installations took up 8,570m², and the landscape works covered 11,610m² on a 19-acre site.



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Logistic Sites

CENTER OF DISTRIBUTING FOOD & BEVERAGE PRODUCTS

**PROPRIETOR
P. THANASOULAS & SON**

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below. The building construction works and electromechanical installations took up 3,160m² on a 10-acre site.

It is a nine-meter high structural-steel framed building with first-floor office space of 2,750m².



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Food Process & Standardisation Sites

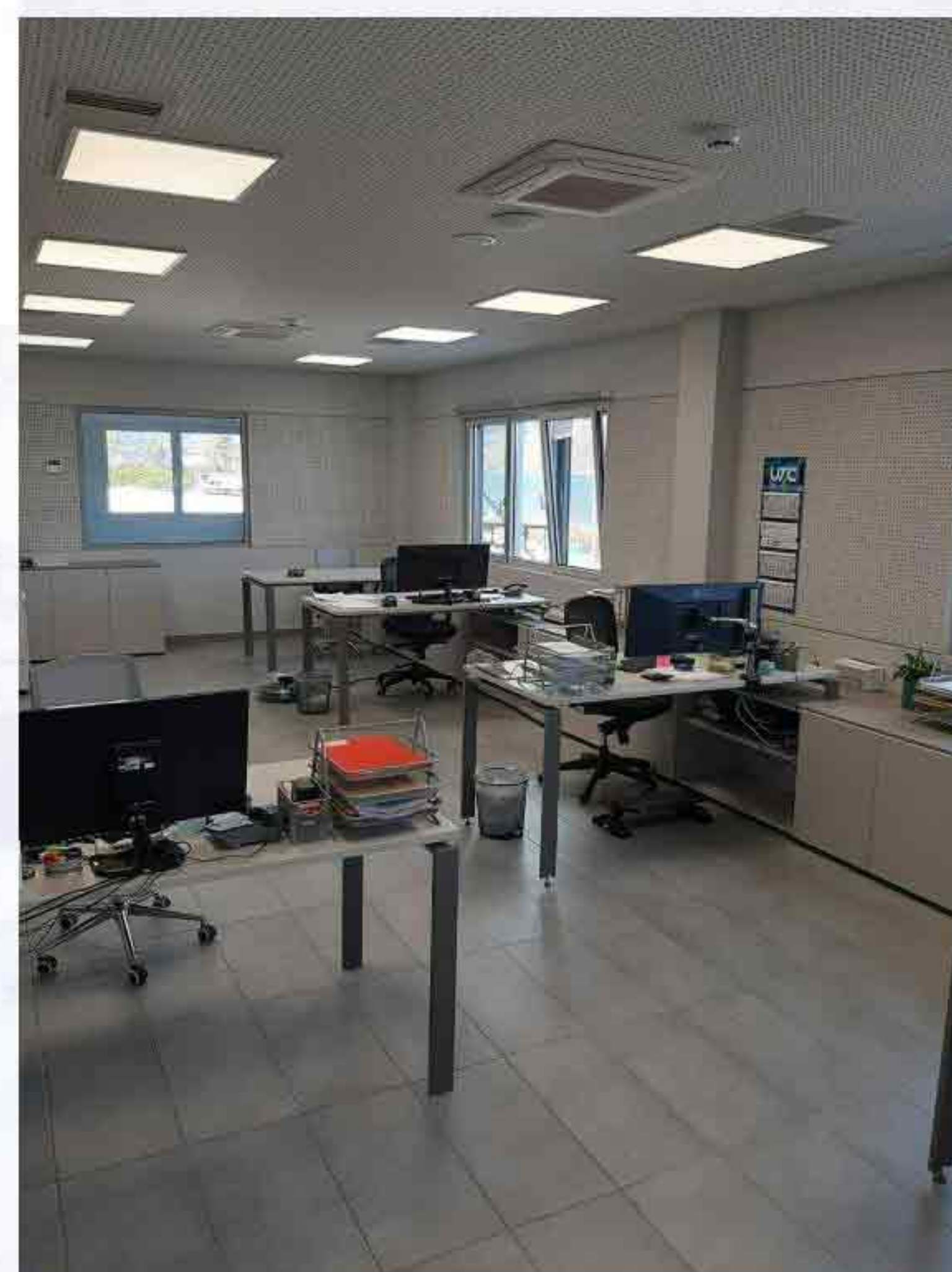
PACKAGING & DEPOSITORY BUILDING OF FISH PRODUCTS

PROPRIETOR
KEFALONIA FISHERIES S.A.

PROJECT DESCRIPTION

The company undertook the construction of 1,895m² two-storey building with freezing chamber, preservation chamber and ice chamber, in the Island of Kefalonia, Western Greece.

It is a combined structure of structural-steel frame and envelope consisting of side and roof PVC panels. The suspended ceiling is also covered in PVC panels, while all floor areas bare epoxy treatment.



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Food Process & Standardisation Sites

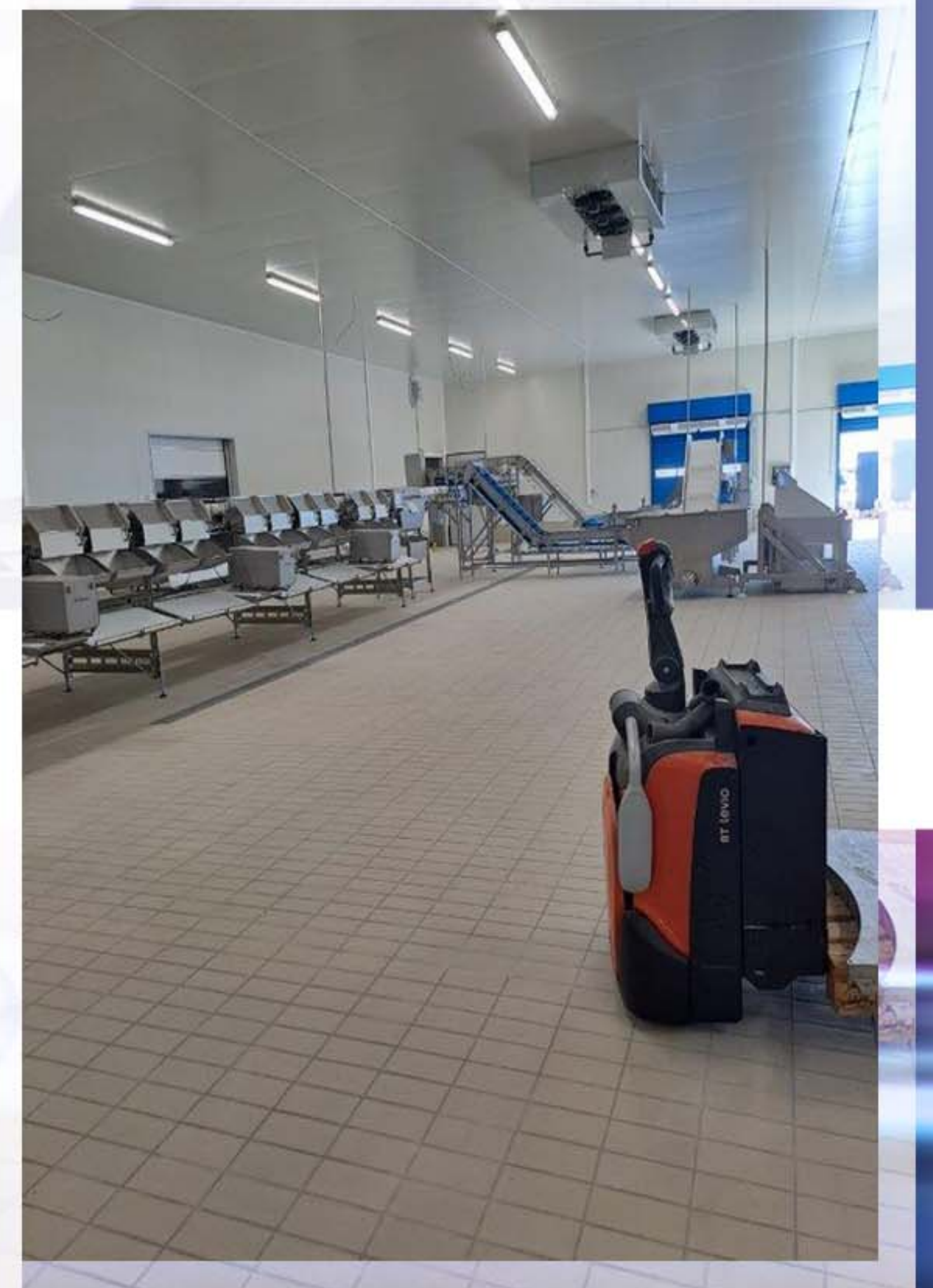
PACKAGING & DEPOSITORY BUILDING OF FISH PRODUCTS

PROPRIETOR
SKALOMA S.A.

PROJECT DESCRIPTION

The company undertook the construction of 1,200m² two-storey, fresh-fish packaging and depository building. The brief includes freezing chamber, preservation chamber, ice chambers, and the corporate area. The building sits on a 11,50-acre site, in Lorida, Filiates Municipality, Thesprotia, Northwestern Greece.

It is a combined structure of structural-steel frame and envelope consisting of side, hygienic and roof PVC panels, while floor areas bare epoxy treatment or Buchtal tiles to meet all hygienic specifications according to the brief.



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Food Process & Standardisation Sites

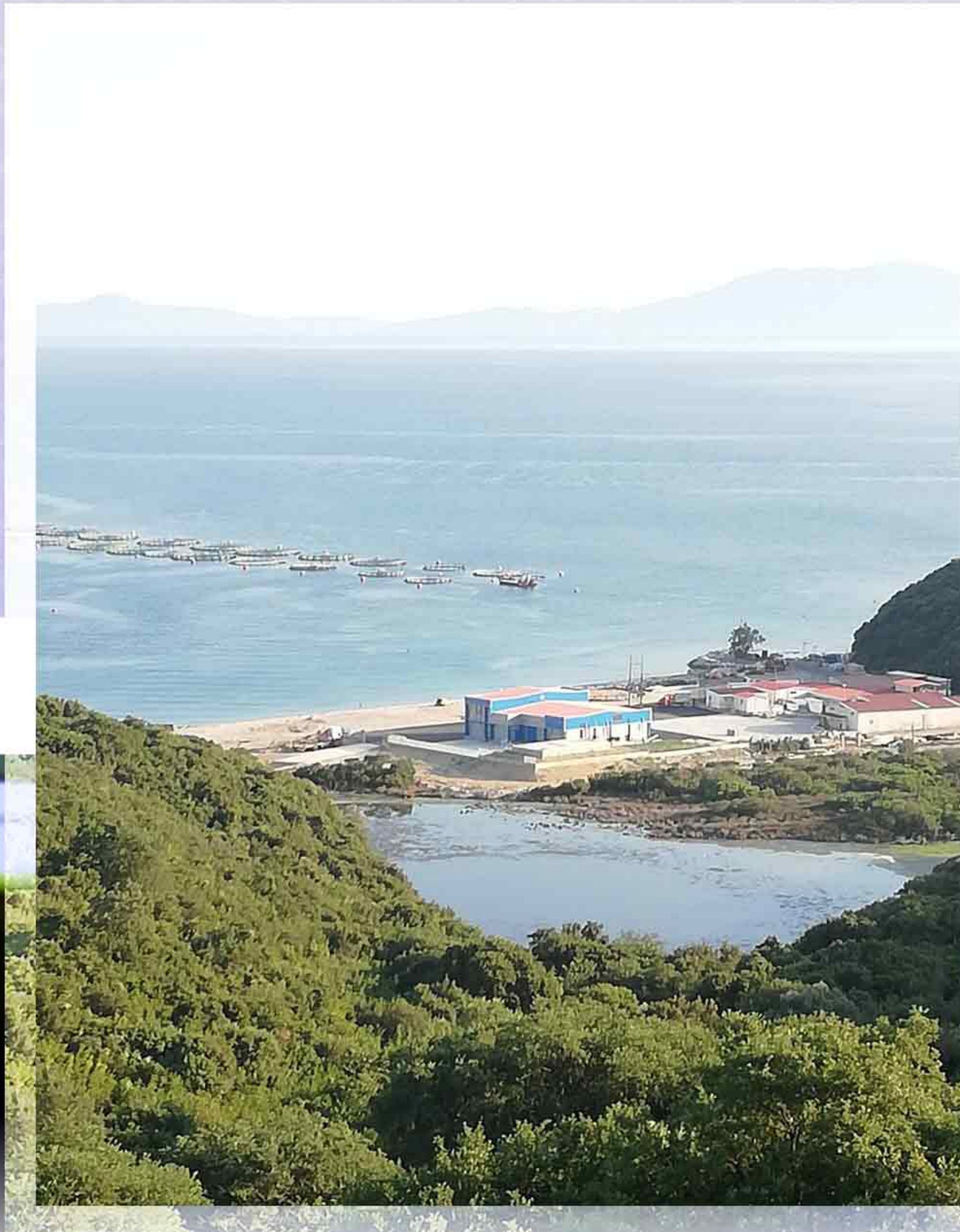
**PACKAGING & DEPOSITORY BUILDING
OF FISH PRODUCTS**

**PROPRIETOR
GRAMMOS S.A.**

PROJECT DESCRIPTION

The company undertook the construction of 500m² single-storey, structural-steel-framed building, in Lorida, in Thesprotia, Northwestern Greece.

It is a fish-product packaging facility with a two-storey office part and landscaping.



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Food Process & Standardisation Sites

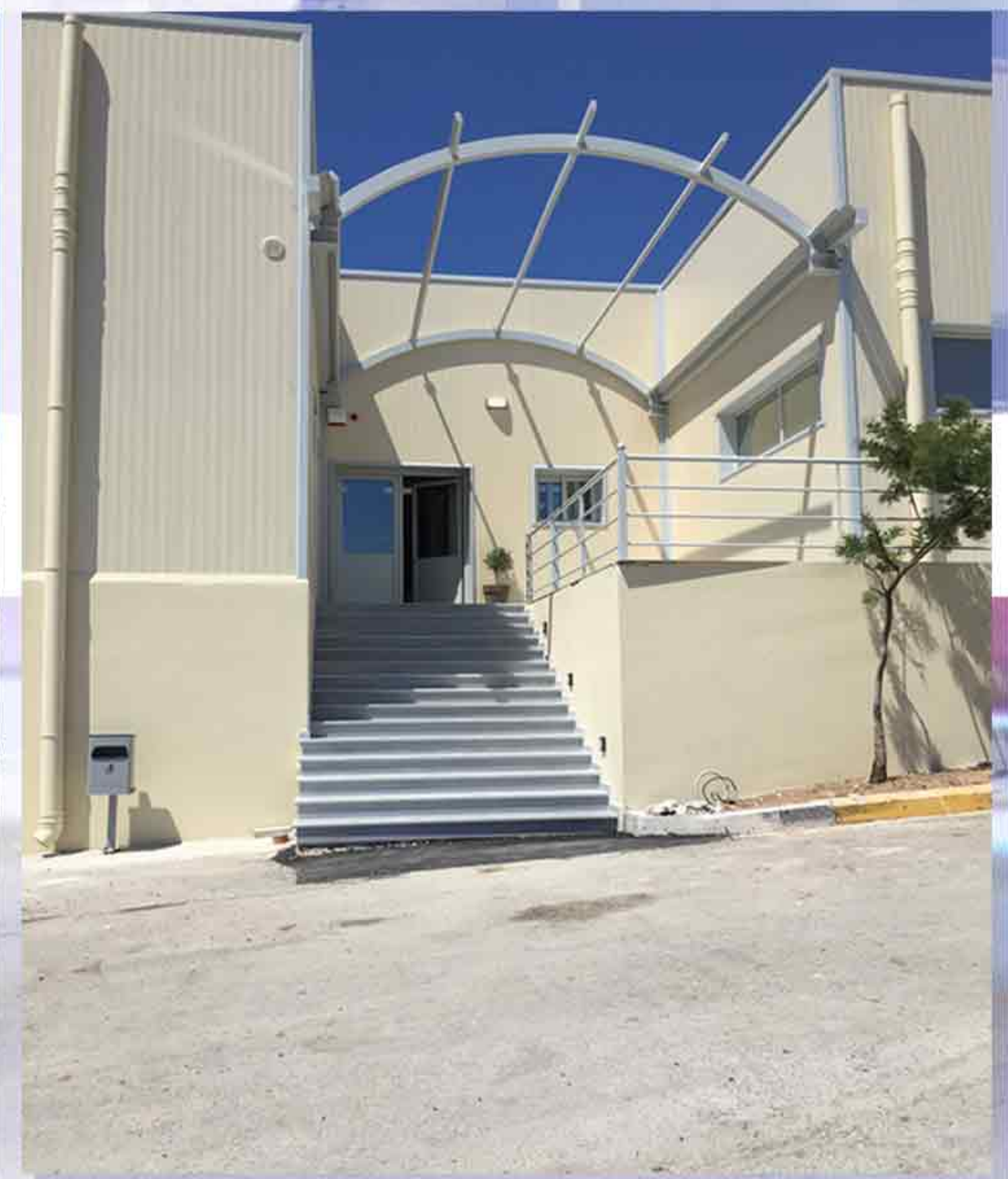
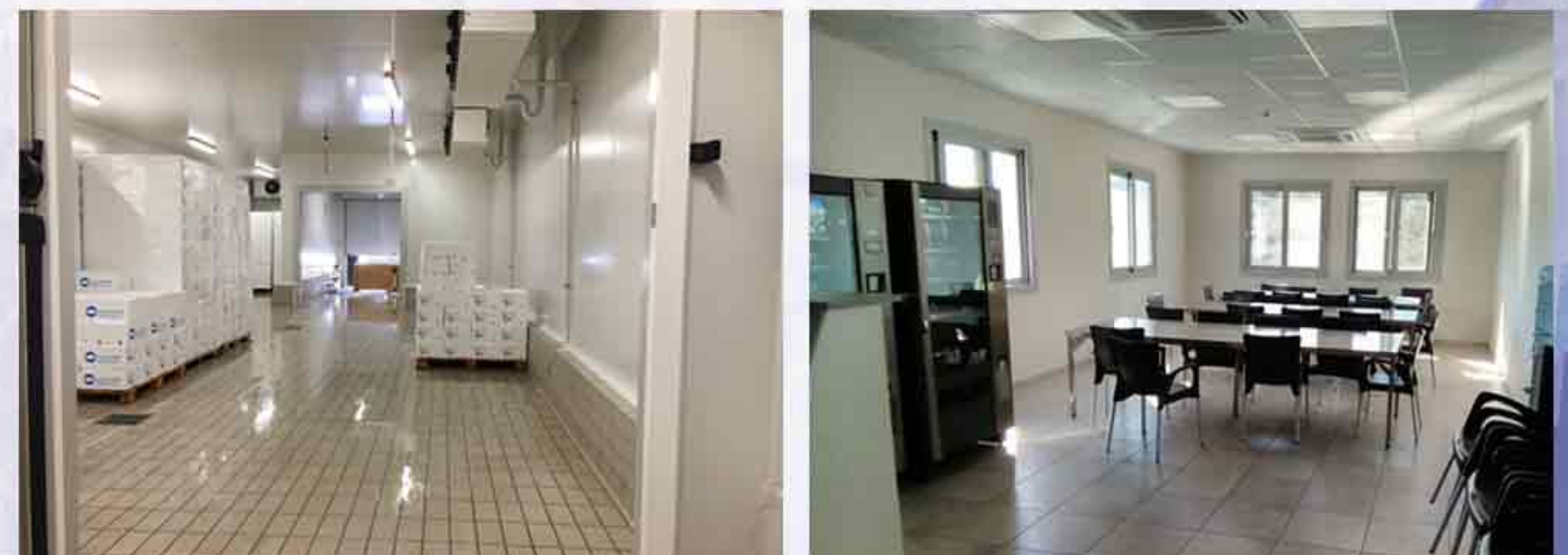
PACKAGING & DEPOSITORY BUILDING OF FISH PRODUCTS PROPRIETOR GALAXIDI AQUACULTURES S.A. PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the settlement described below, which took up an addition of 905m² to the existing building of 1.445m².

It consists of ground-storey building of 440m² with freezing chamber, preservation chamber and ice chamber, as well as personnel space required for 70 employees and the new corporate headquarters. Office entry is emphasized by a new semi-open sheltered space, taking up 32m². Storing space is situated in the basement covering 497m².

The landscape works also took up 3,225m².

It is a combined structure of structural-steel frame and envelope consisting of side and roof PVC panels. The suspended ceiling is also covered in PVC panels, while all floor areas bare epoxy treatment.



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Food Process & Standardisation Sites

FOOD & BEVERAGE DISTRIBUTION CENTER

PROPRIETOR
KAPOTAS S.A.

PROJECT DESCRIPTION

The company undertook the design, procurement and construction of the project described below. The construction works and electromechanical installations covered 9,640m², while the landscaping works took up 13,500m² on a 19-acre site.

It is a combined construction (metal frame, brickwalls and parts of reinforced concrete).

It is a three-storey building with structural-steel frame. A total of 3,000m² of the floor area is taken up by offices, 6.305m² constitutes the warehouse, and there is also basement space of 335m².



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Food Process & Standardisation Sites

PRESERVING, PROCESSING & DISTRIBUTING PRODUCTS OF HEALTH INTEREST FACILITY

PROPRIETOR MED FRIGO S.A. PROJECT DESCRIPTION

The company undertook the construction of the whole settlement covering an area of 8,020m². The project covered the construction works and electromechanical installations of approximately 10,010m², and landscape works on 24-acre sites.

The assembly was structural-steel framework, composite slabs, side and roof PVC paneling, and external insulation wall cladding system. The cladding system delivered aesthetic decisions in the design and improvement in the dynamic behavior of the building's envelope.

Finally, the utilization of solatubes to shed plenty of natural light in, what is, otherwise, traditionally artificially lit space, like the warehouse facility, proved ideal in terms of sustainability.



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Food Process & Standardisation Sites

PRESERVING, PROCESSING & DISTRIBUTING PRODUCTS OF HEALTH INTEREST FACILITY

PROPRIETOR MED FRIGO S.A.

PROJECT DESCRIPTION

The company undertook the construction of the whole settlement covering an area of 2,604m². The project covered the construction works and electromechanical installations of approximately 2,920m², and landscape works on a 17-acre site.

The assembly was structural-steel framework, composite slabs, plus side and roof PVC paneling.



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Food Process & Standardisation Sites

PRESERVING, PROCESSING & DISTRIBUTING PRODUCTS OF HEALTH INTEREST FACILITY

PROPRIETOR MED FRIGO S.A.

PROJECT DESCRIPTION

The company undertook construction works and electromechanical installations of 2,625m² industrial building area, and landscape works on a 21-acre site, in Aspropyrgos, Attica.

The building was realised as a structural-steel framework, composite slabs, side and roof PVC paneling, and external insulation wall cladding system. The cladding system delivered aesthetic decisions in the design and improvement in the dynamic behavior of the building's envelope.



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Food Process & Standardisation Sites

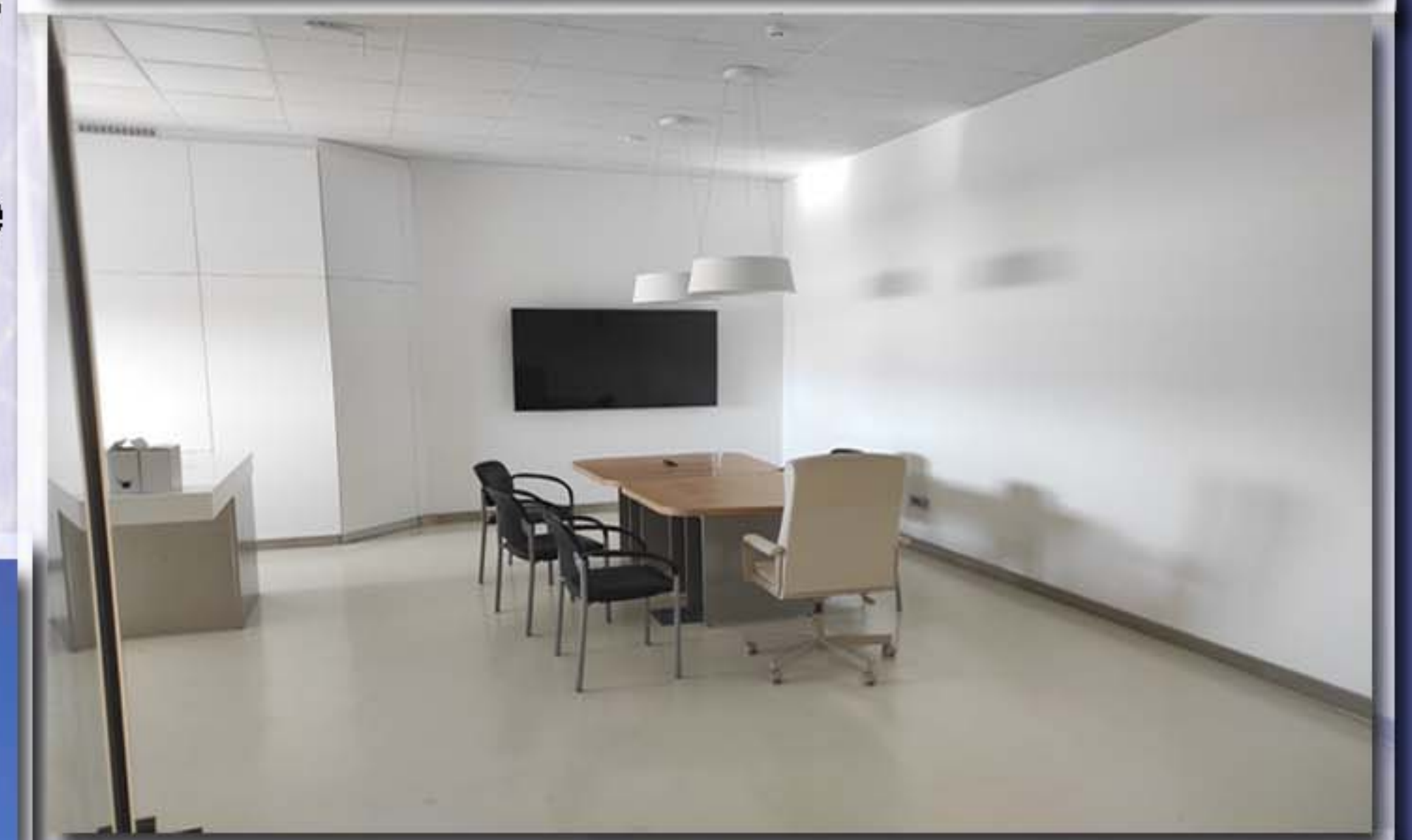
**PRESERVING, PROCESSING & DISTRIBUTING PRODUCTS
OF HEALTH INTEREST FACILITY**

PROPRIETOR: PAXMAN Ltd

PROJECT DESCRIPTION

The company undertook construction works and electromechanical installations of 1,610m² industrial building area, and landscape works on a 2-acre site, in Patras Industrial Area, Achaea.

The building was realised as a structural-steel framework, composite slab, and side / roof PVC paneling. It comprises of preservation and freezing chambers, production and storage facilities, as well as corporate offices.



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Food Process & Standardisation Sites

PRESERVING, PROCESSING & DISTRIBUTING PRODUCTS OF HEALTH INTEREST FACILITY

PROPRIETOR MANI Bläuel

PROJECT DESCRIPTION

The company undertook construction works and electromechanical installations of an approximately 4,605m² industrial building area, and landscape works on a 23-acre site, in Mani, Southern Peloponnese.

It is a combined structure of structural-steel frame and envelope consisting of side and roof PVC panels, while major production floor areas bare epoxy treatment.



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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED TWO-STOREY BUILDING "MARAGOPOULOS WAREHOUSES"

**PROPRIETOR
FORTUNE**

PROJECT DESCRIPTION

The company undertook the restoration of the listed building located on St. Andreas Str. in the city of Patras.

The building is known as "Maragopoulos Warehouses" and extends up to 1,125m².

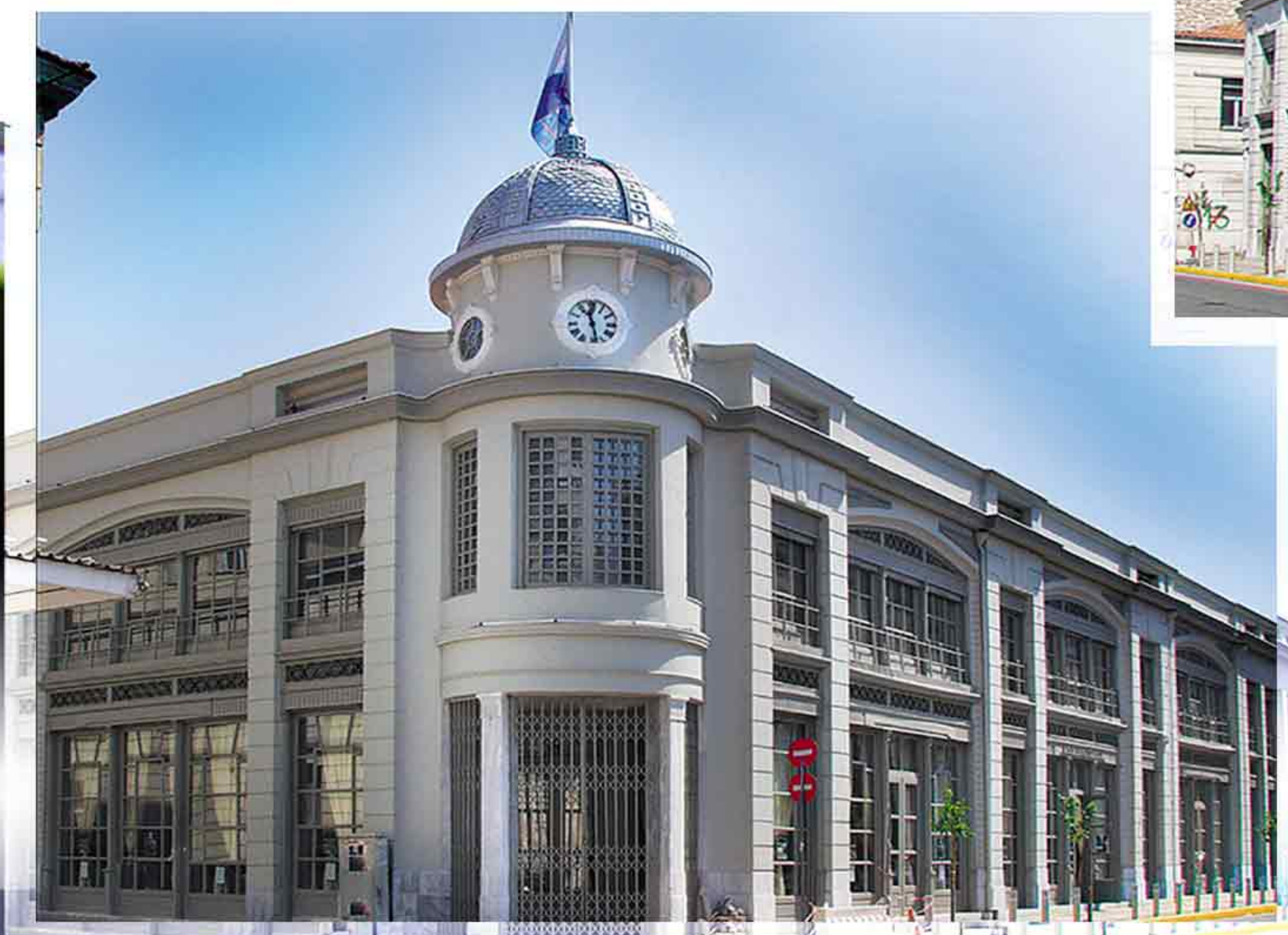
The original design of the facades embodies an exceptional eclectic fragment of mid-war industrial architecture, through which aesthetic art deco features are easily noted.

The building sheltered all professional activities of Vassilis Maragopoulos, which started in 1893, when the "Arena" was merely a small commercial store.

Triaina S.A. restored the original facades and the timber frame of the window openings as well as the roof to their original state, reinforced the load-bearing brickwork, and reconstructed all internal woodworks.

The challenge, though, was the extension of the building's body into the ground, to create from scratch basement storing space under the existing frame of the building.

STATE PRIOR TO RESTORATION WORKS



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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED TWO-STOREY BUILDING “GALANOPOULOS MANSION”

PROPRIETOR
SOPHISTICATED SERVICES

PROJECT DESCRIPTION

The company undertook the restoration of the listed building into a hotel, which is located on Germanou Street in the city of Patras.

The building is known as “Galanopoulos Mansion” and extends up to 750m².

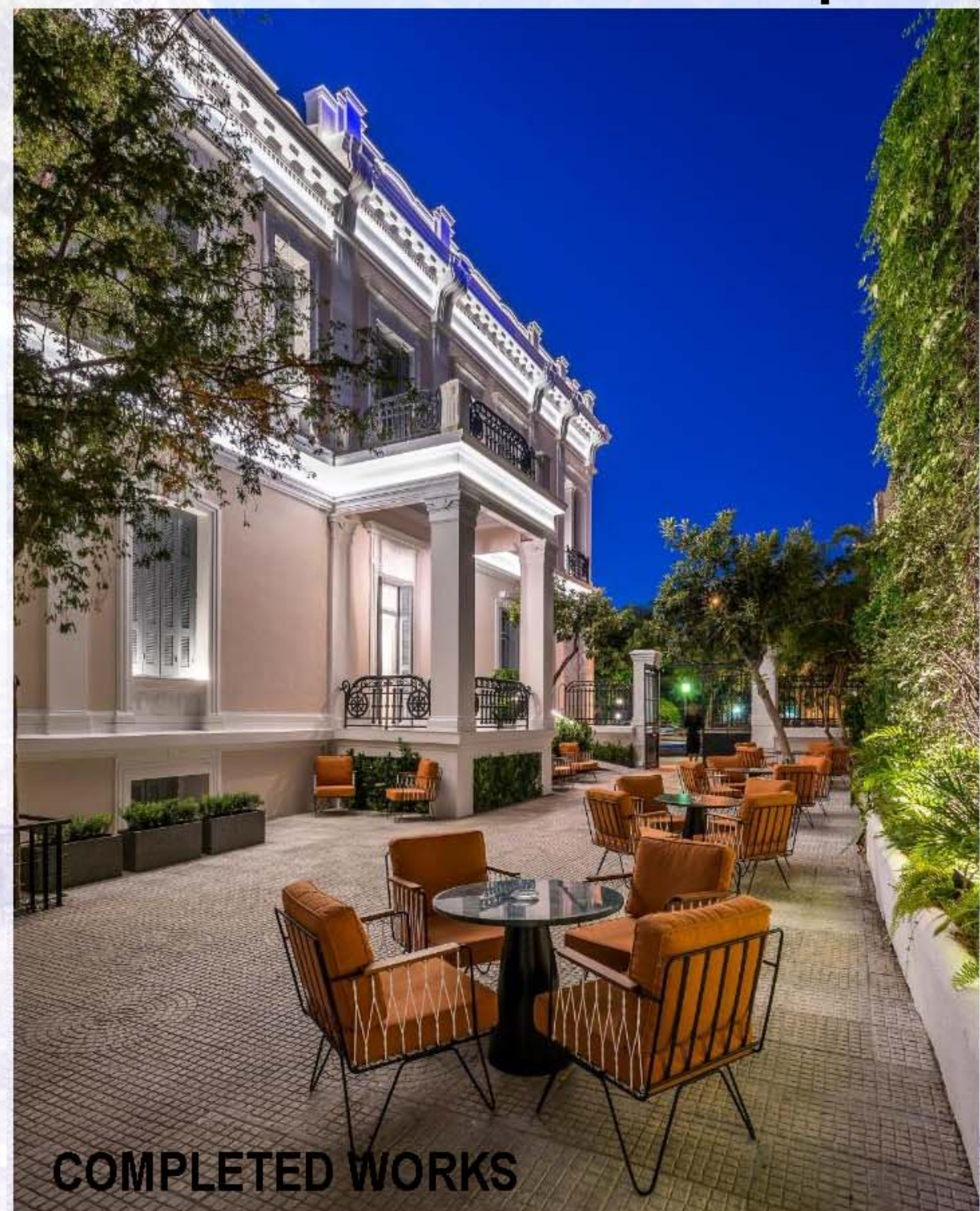
The original design of the facades embodies an exceptional eclectic fragment of mid-war residential architecture, through which aesthetic art deco features stand out.

The building was originally designed by the architect Alexandros Hatziliakos in 1924.

Triaina S.A. restored the original facades and the timber frame of the window openings as well as the roof to their original state, reinforced the load-bearing brickwork, and reconstructed all internal woodworks.



STATE PRIOR TO RESTORATION WORKS



COMPLETED WORKS



COMPLETED WORKS



COMPLETED WORKS



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Restoration of Listed Buildings of Historical Interest

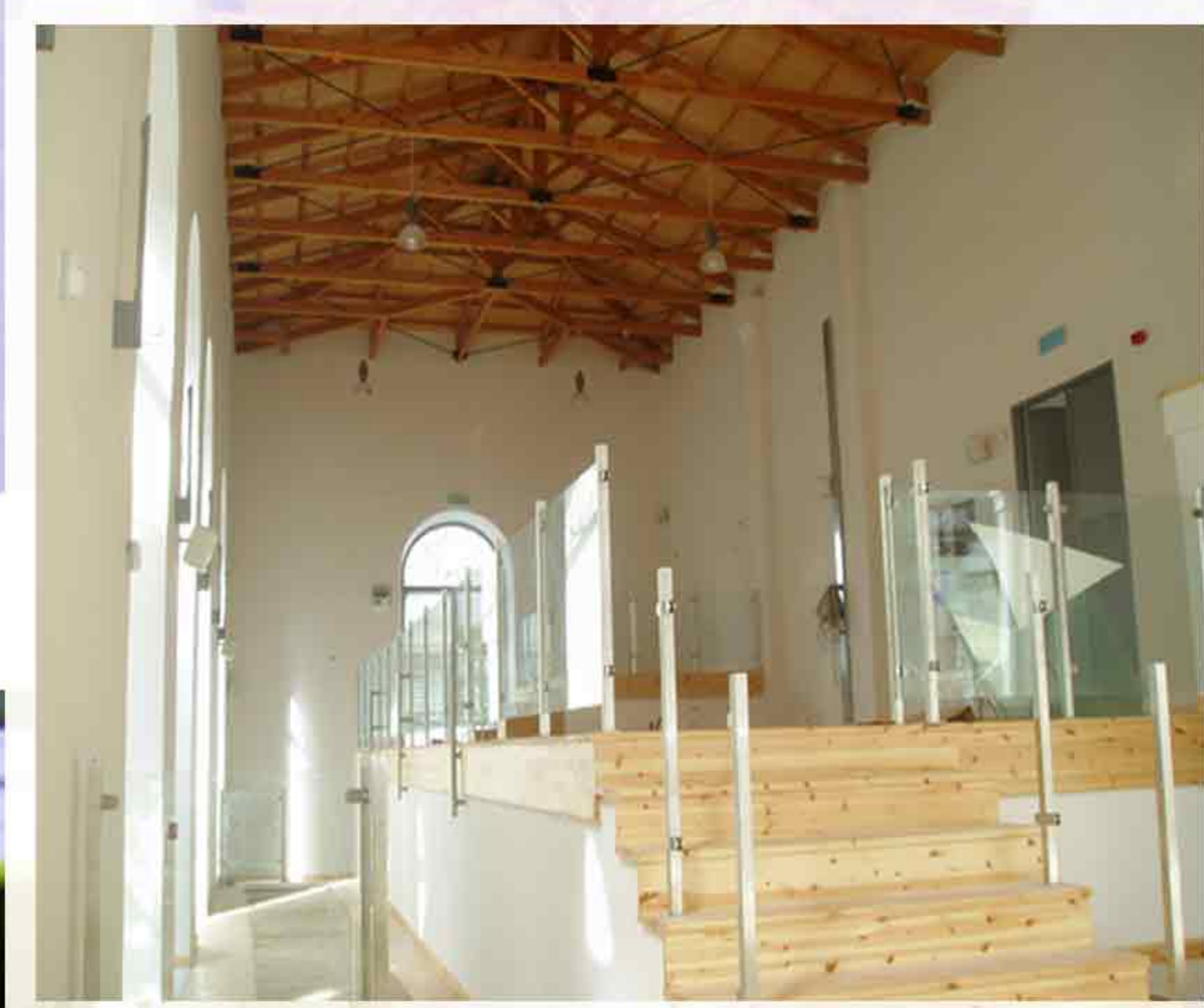
RESTORATION OF LISTED BUILDING "AGORA ARGIRI"

**PROPRIETOR
MUNICIPALITY OF PATRAS**

PROJECT DESCRIPTION

The company assumed the restoration of the neoclassic listed building of "Agora Argiri". The building dates back in 1881 when it was erected by the architect Sp. Tzetzos, lead by Ernst Ziller, and occupies 2,155m² on a 1,470m² sized site. The building had been left derelict since 1947, and it was Triaina S.A. who gave it life again, by delivering it back to the people of Patras to its full form and function in 2010.

The company restored the original facades and the timber frame of the roof to their original state, reinforced the load-bearing brickwork, and reconstructed all internal woodwork.



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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED TWO-STOREY BULGARI BUILDING

PROPRIETOR MUNICIPALITY OF SOULI, THESSALOTIA PREFECTURE.

PROJECT DESCRIPTION

TRIAINA S.A. assumed the restoration of the two-storey historic Bulgari School, which was donated by Sotirios Bulgari, the creator of Bulgari, one of the most famous jewellery brands to date. The building was built in 1936-1937, and consists of 1.045 m², including basement. The contract also assigns the company with the rehabilitation of the building's surrounding 5-acre landscape. TRIAINA S.A. was contracted by Paramythia town, part of Souli Municipality, December 2021. The structure is built with carved, meticulously detailed, jointed limestone. It has large windows and a wooden roof with tiles, part of which is shaped into a wooden-decked terrace. The Bulgari School building serves as Paramythia's Cultural Centre of Arts, History, and Education in NW Greece. It incorporates exhibition spaces to host interactive presentations, multi-use civilization venue, daycare facility, refectory, and municipal offices. The building is fully accessible to Persons-with-Disabilities. Exhibition spaces host permanent themes on history, nature, and the civilization of the area, following thorough museological and museographical investigation. Triaina S.A. assumed the overhaul of reconstruction and static reinforcement of the building, including rehabilitation of the surrounding landscape, which now facilitates a new basketball court and playground, on earth floor, all highlighted by landscape lighting.



STATE PRIOR TO RESTORATION



 TRIAINA S.A.

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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED BUILDING

PROPRIETOR
DUR ESCAPE LAND

PROJECT DESCRIPTION

The company engaged in the restoration of the neoclassic listed building (840m² floor space) located in St. Andreas St. in the city of Patras.

The company restored the original facades and the timber frame of the window openings and roof to their original state, reinforced the load-bearing brickwork, and reconstructed all internal woodwork.



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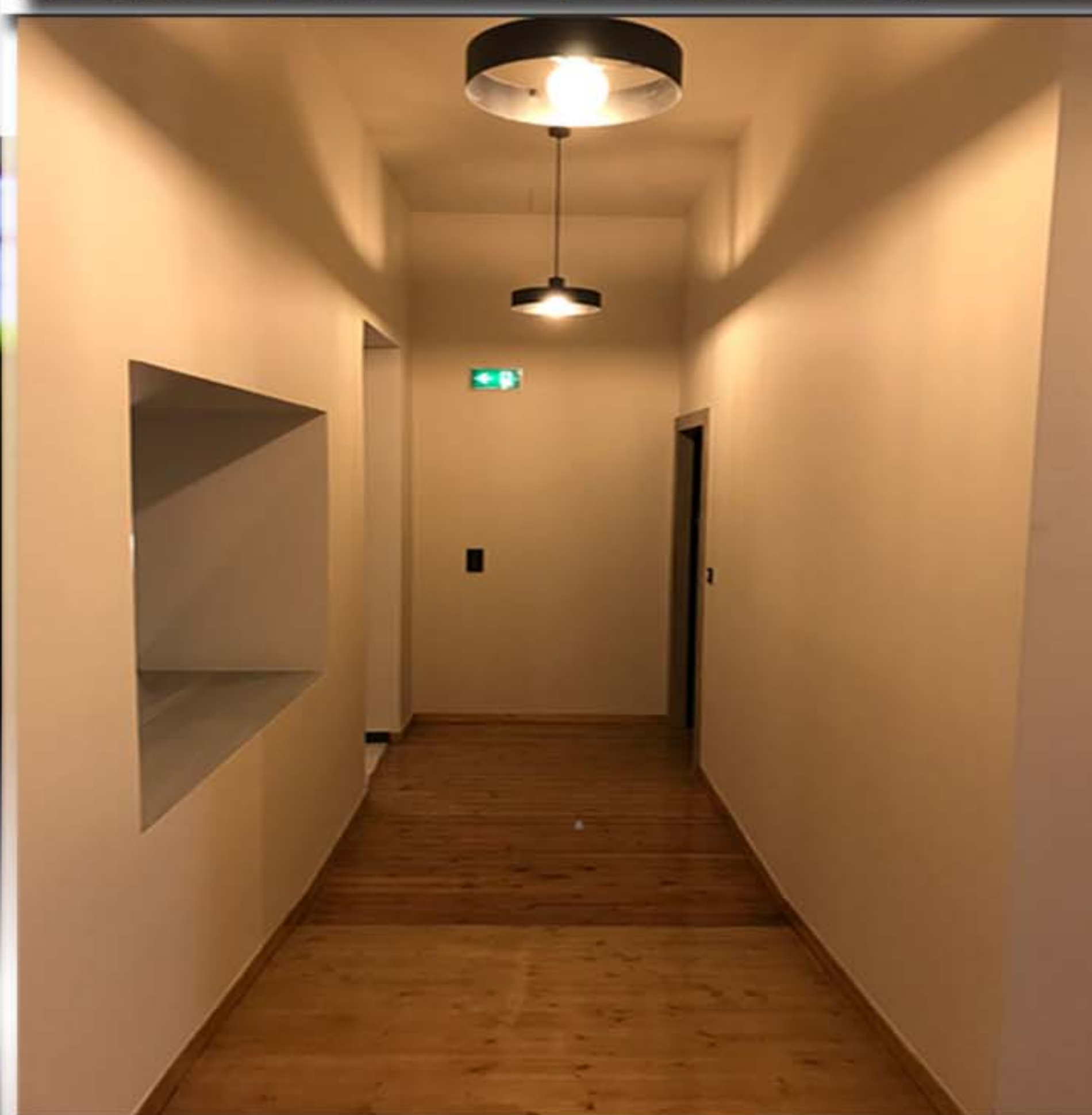
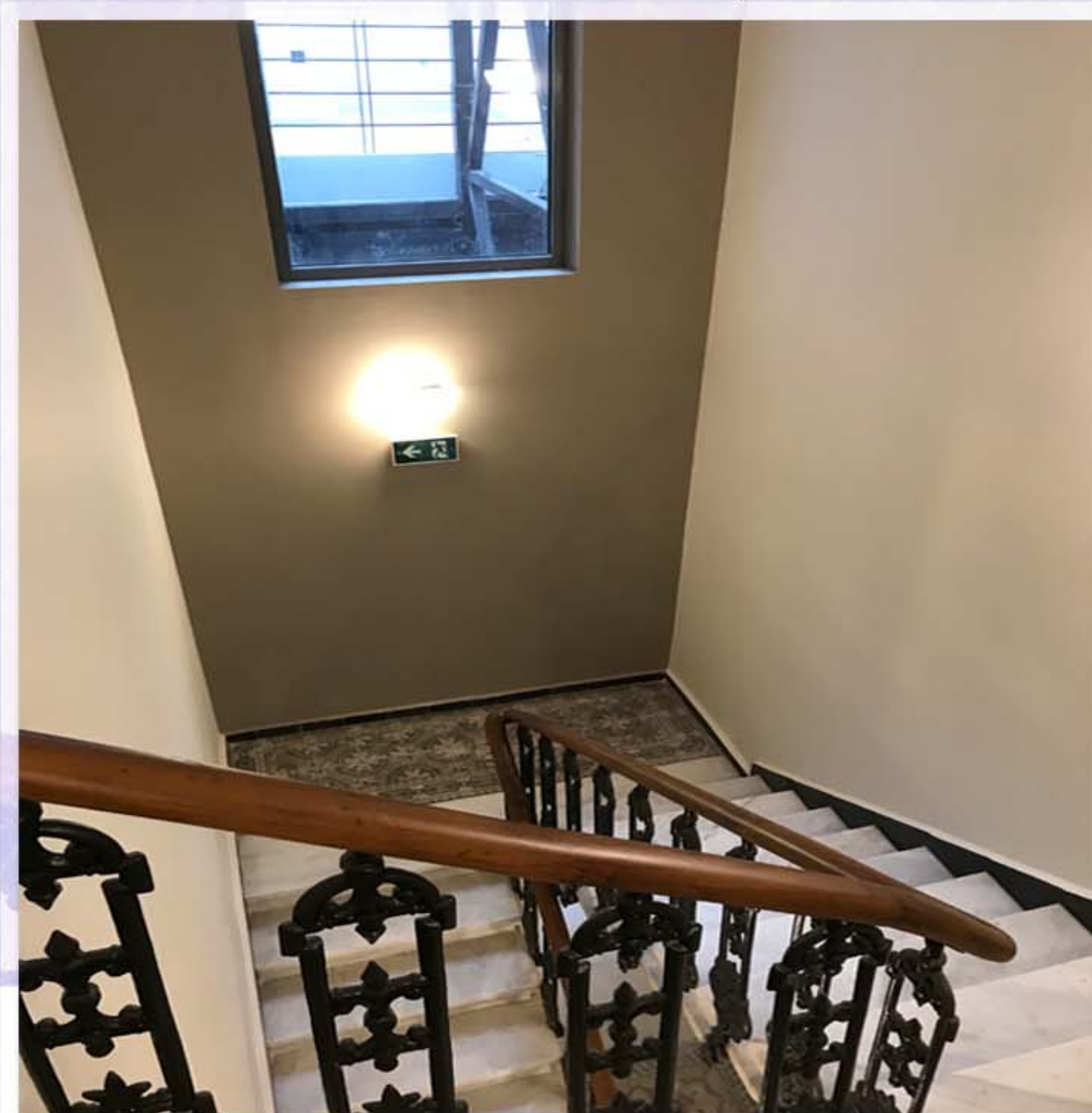
Restoration of Listed Buildings of Historical Interest

RESTORATION OF GRADE I-LISTED TWO-STOREY NEOCLASSICAL BUILDING
PROPRIETOR: NIKOLAOS CHOUDRAS AND AMALIA GRAPSA
PROJECT DESCRIPTION

Renovation / reconstruction of the neoclassical grade I – listed building on 278, Corinthou Street, in the historic city centre of Patras, in August 2023. TRIAINA S.A. initiated reconstruction works & electromechanical installations of renovation, as well as adding a new lift in the listed building making it Persons-with-Disabilities accessible, all extending up to 635m2. Architects and engineers of TRIAINA S.A. produced planning permission of uniting the two stores in the ground-floor storey, while turning the first-floor store into four independent office venues to rent. The building had been left derelict for a long time. TRIAINA S.A. began restoring the original facade, as well as replacing the roof respecting its original form using identically-colored french roof tiles. The facade is characterized by a centripetal portico with its masterfully iron-railed balcony extending over the street. The balcony rests on three beams carved in Dionysos marble. The facade also imposes four modest marble capitals at the height of the portico, along with plaster cornices. The entrance to the first floor is through a beautiful wood-paneled double-leaf door with brass knobs and a protective railing on the skylight. It is a significant and impressive precedent of neoclassical architecture, delivered on time and budget.



PRIOR TO RESTORATION



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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED THREE-STOREY HOTEL BUILDING "MITROPOLIS"

PROPRIETOR
MITROPOLIS HOTEL

PROJECT DESCRIPTION

The company undertook the restoration of the neoclassic listed hotel building located in Trion Symmachon Square in the city of Patras.

The building is known as "Hotel Mitropolis" and covers approximately 240m².

The company replaced and restored the original facades and the timber frame of the window openings, which take up approximately 650m². The roof's timber structure was also reinstated in form, and it covers 190m².



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Restoration of Listed Buildings of Historical Interest

RESTORATION OF LISTED TWO-STOREY COMMERCIAL BUILDING "MOUSTAKIS S.A."

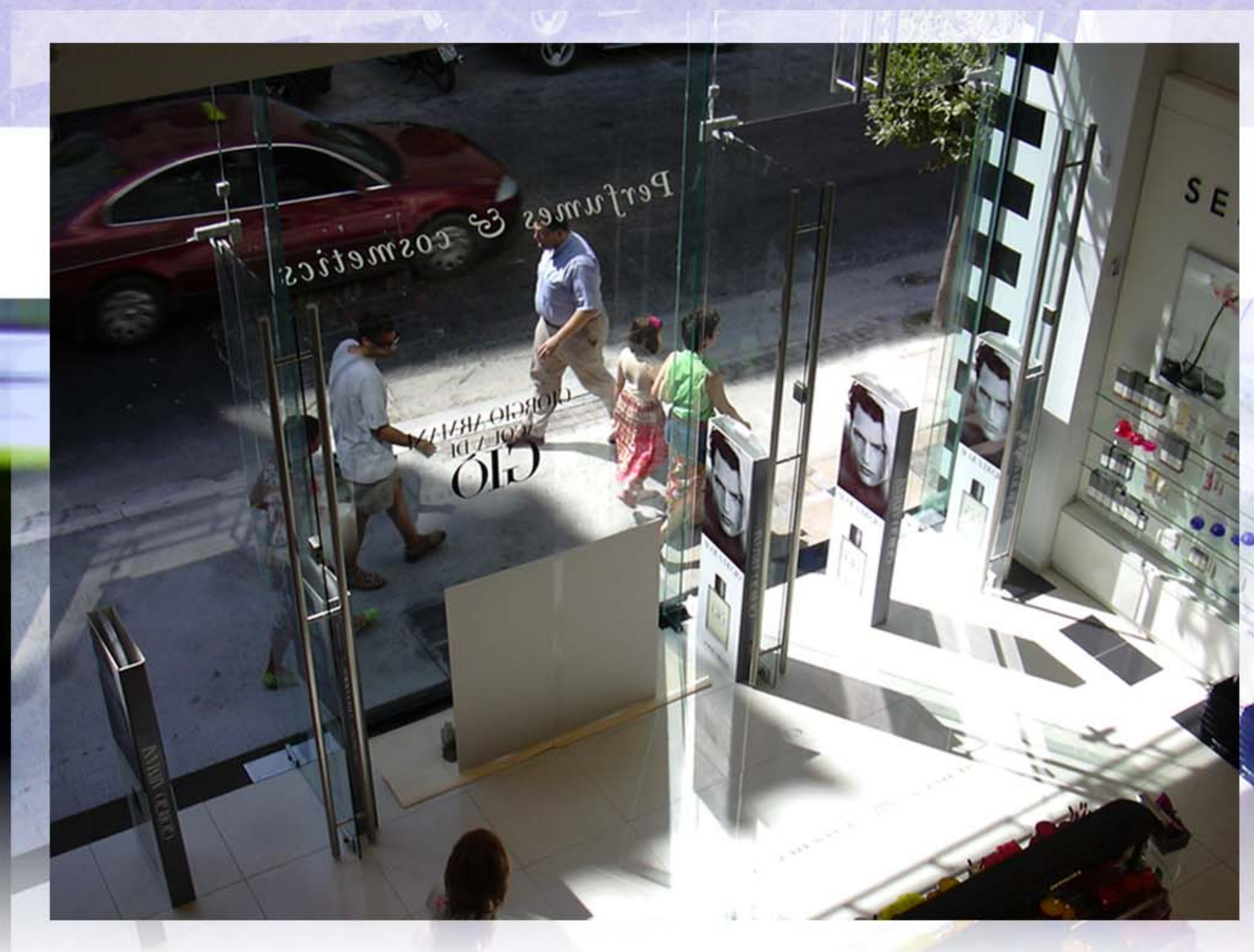
PROPRIETOR
MOUSTAKIS S.A.

PROJECT DESCRIPTION

The company assumed the restoration of the listed commercial building located on Maizonos Str. in the city of Patras. The building is known as "Moustakis S.A.", covers approximately 520m², and was entirely destroyed during a fire blast in 1998.

The contract included partial demolition of the load-bearing walls and their replacement with steel structured ones, the construction of a composite slab, and all construction works and electromechanical installations required by the use of the building as a contemporary shop.

STATE PRIOR TO RESTORATION WORKS



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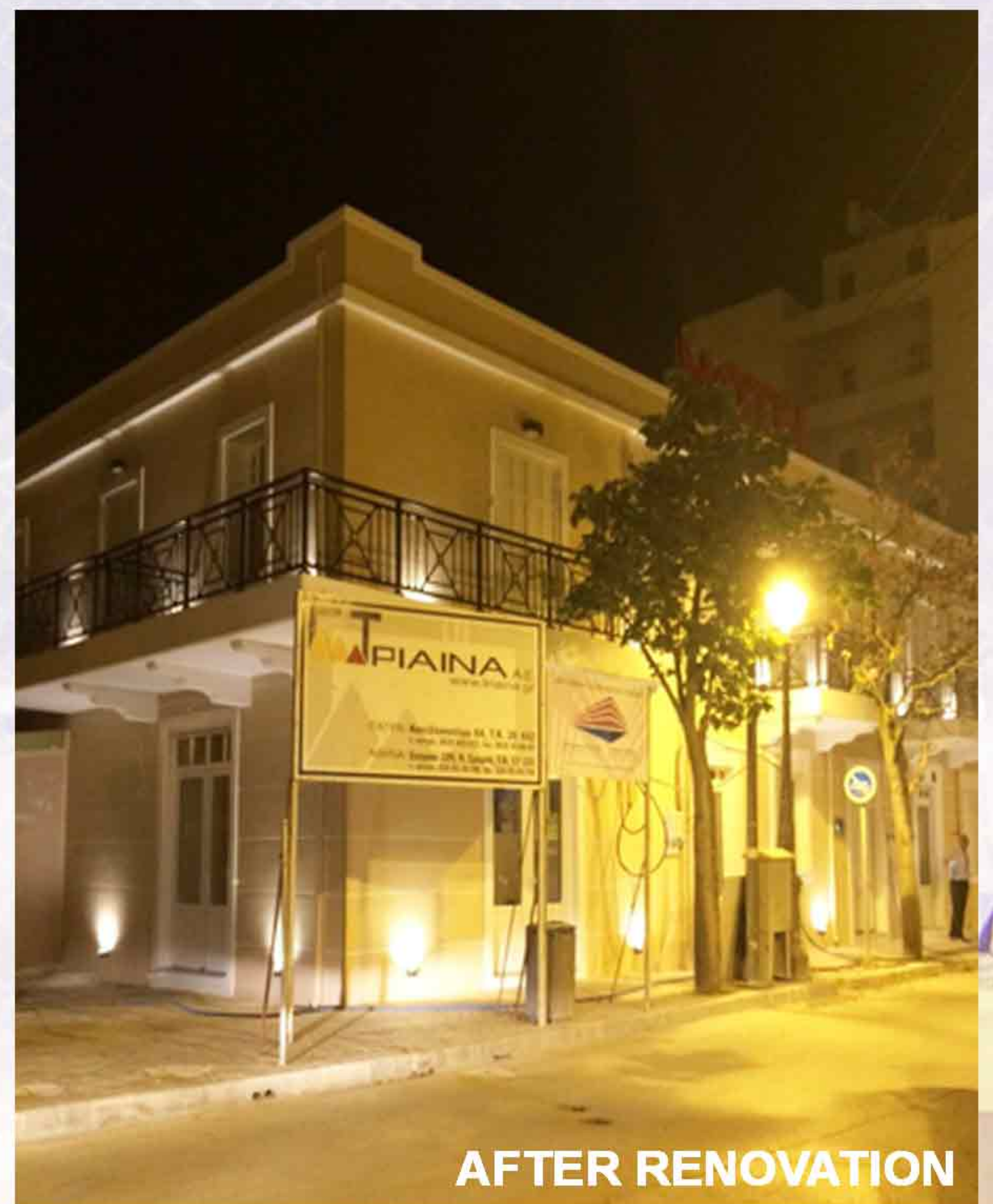
Hotel Units

**RECONSTRUCTION
OF LISTED HOTEL COMPLEX**

**PROPRIETOR
KIANI AKTI HOTEL (XRYSA DOURDOUMA)**

PROJECT DESCRIPTION

The contract referred to the renovation/
reconstruction of two-storey 400m² 18-bed
listed hotel, located on a focal point
of Xylokastro beach front, which provides
uninhibited view towards the Corinthian Bay.



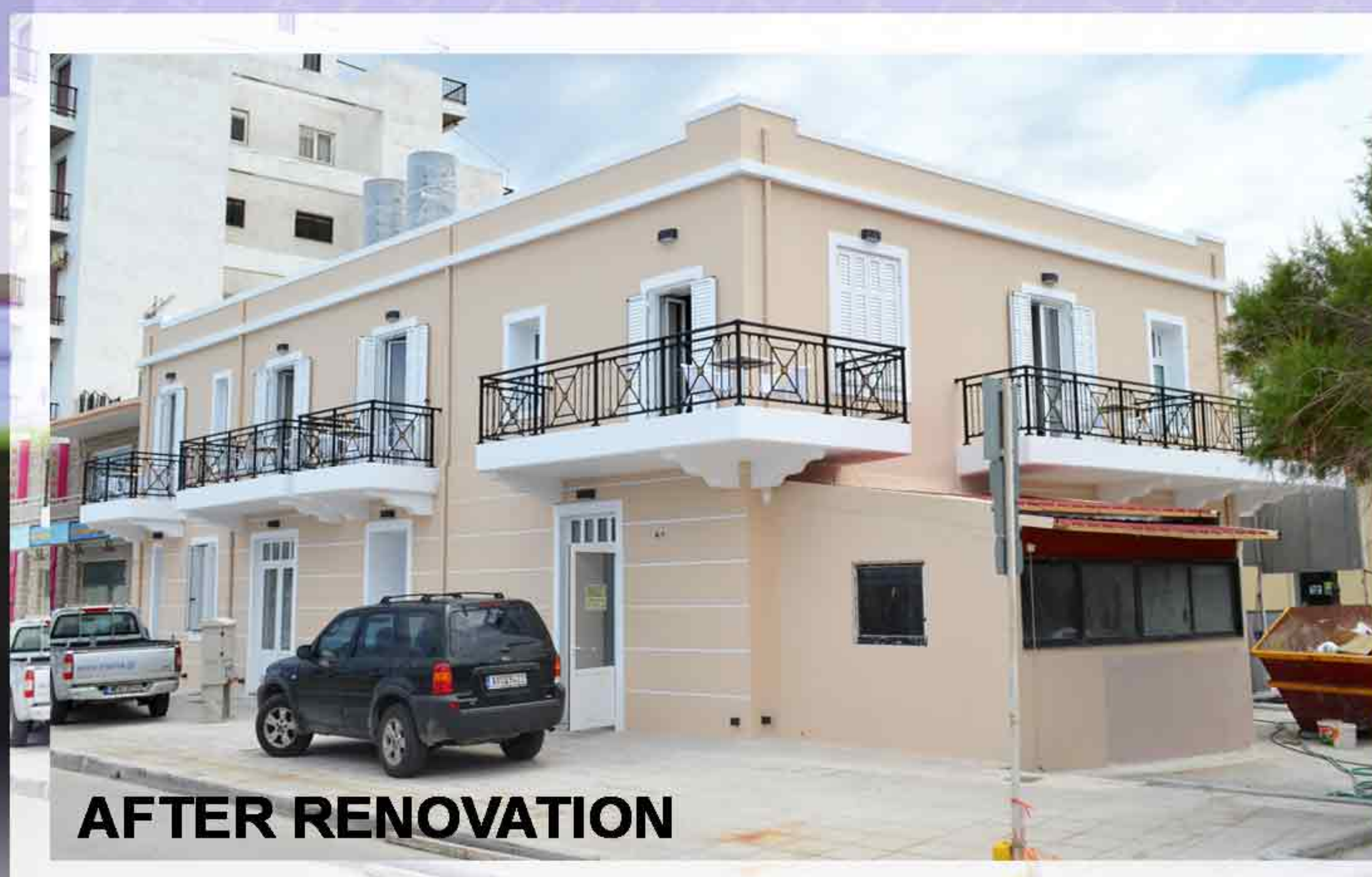
AFTER RENOVATION



AFTER RENOVATION



PRIOR TO RENOVATION



AFTER RENOVATION



PRIOR TO RENOVATION

 **PIAINA S.A.**

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Hotel Units

RENOVATION OF HOTEL COMPLEX

PROPRIETOR
OLYMPUS HOTEL COMMERCIAL & TOURIST ENTERPRISES LTD

PROJECT DESCRIPTION

The company assumed the renovation works of a two-star 8-storey 80-bed hotel in the heart of Pyrgos City in Ilia Prefecture.

The project comprehended renovation works of 1.250m².



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Hotel Units

CONSTRUCTION OF HOTEL UNIT

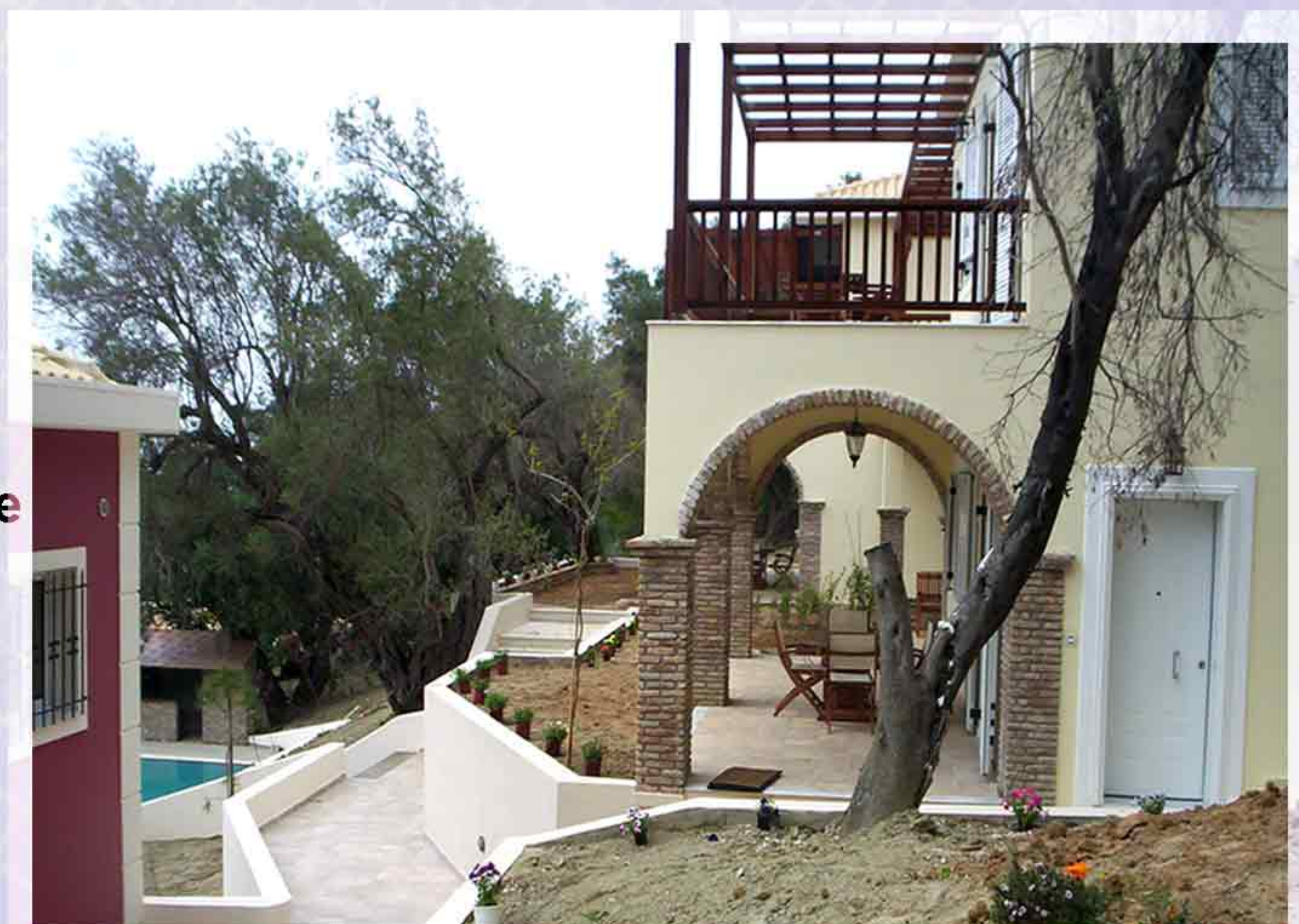
PROPRIETOR
KALISTO S.A.

PROJECT DESCRIPTION

The 40-acre site facilitated the development of the contemporary 5* hotel complex described below. Among other objectives of the brief, it was important to provide guests with the highest level of service benefits possible.

The complex consists of the central service area and 150-bed independent residences.

The architecture of the dwellings and the topology of the landscape architecture are dictated by the traditional elements of Corfu island.



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Hotel Units

CONSTRUCTION OF HOTEL COMPLEX

PROPRIETOR
NOUSIA DESIGN LTD

PROJECT DESCRIPTION

The project comprehended the realisation of three-storey hotel unit taking up 1.360m² on a 2.000m² site.

The complex consists of the central service area and 50-bed independent residences.



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Residences

TWO-STOREY DETACHED 400m² STRUCTURAL-STEEL FRAMED MAISONNETTES INCLUDING BASEMENT AND SWIMMING POOL FACILITIES.

CONTRACT COMPRISED OF STRUCTURAL-STEEL LOADBEARING FRAME, REINFORCED SECTIONAL PREFABRICATED WALL PANELS, CERAMIC ROOF TILES AND BIOCLIMATIC FEATURES.

PROPRIETOR: GEORGE PAPADOPOULOS

The project comprised of construction works and electromechanical installations of 400m², and landscape works of 3,800m² on a 4,5-acre site in the suburbs of Patras.



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Residences

MULTI-HOUSING COMPLEX

OWNERSHIP
TRIAINA S.A.

PROJECT DESCRIPTION

The project comprised of construction works and electromechanical installation of 880m², and landscaping works on a 720m²-sized site in the suburbs of Patras.



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Residences

**MULTI-HOUSING COMPLEX
OF SIXTEEN TWO-STOREY DWELLINGS
WITH SELF-CONTAINED GARDENS
AND COMMUNAL SWIMMING POOL WITH CHILD TANK**

**PROPRIETOR
LANDIS S.A.**

PROJECT DESCRIPTION

The project comprised of construction works and electro-mechanical installations of 1,200m², and landscape works of 1,800m² on a 3-acre site in the suburbs of Patras.

Ampitheatrical planning strategy was utilized, as well as dispersion of the buildings in different site levels. The reasons for that choice was, on one side, the project's tight brief, which made the project viable, while on the other, orientation of the dwellings in axes with different angles, in order to achieve visual autonomy for every dwelling, and maximum exploitation of the site's views.



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Residences

TWO-STOREY VILLA INCLUDING BASEMENT AND SWIMMING POOL FACILITIES.

**PROPRIETOR
KOSTANTZA TRIGKA**

The project comprised of construction works and electromechanical installations of 305m², and landscape works of 1,800m² on a 2,75acre site in the suburbs of Patras.



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