

P O R T F O L I O
G R U P O O H M - E



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I - PRESENTATION

1 | COMPANY'S PROFILE



The **OHM-E+LIGHTPLAN Group**, formed by OHM-E and LIGHTPLAN companies, is dedicated to integrated engineering solutions.

In its curriculum, it must be distinguished the technologically innovative projects development, where the renewable energies occupy a predominant place. **Sustainability and energy efficiency** are paradigmatic in the successful solutions that are presented to the customers.

Joining this challenge, we have a collaborator's team of great ability and professionalism, with specific formation in diverse areas of Engineering and Architecture.

The collaborators motivation, the service's quality and the customer's satisfaction translate the main objectives of this enterprise group, compromised with technology and innovation.

OHM-E - ELECTRICAL ENGINEERING OFFICE LTD., founded in 1989, develops projects in the areas of Electrical Engineering, Telecommunications Structured networks and Integrated Safety, and permanently seeks economical and viable solutions and policies for sustainability and efficiency. More precisely, its work is defined by the practice of Projects, Consulting, Inspection and Commissioning in the following areas: Electrical Installations of high, medium and low voltage, Telecommunications and Computer Facilities, Integrated Security Services, Lighting, Renewable Energy, Technical management, Energy Audits; Coordination of multidisciplinary projects.

LIGHTPLAN - CONSULTANTS, LIGHTING DESIGN AND ENGINEERING, LTD, created in 2002, within OHM-E, appears to answer to the imperious necessity of investment in three essential and actual areas - lighting design, innovation and technological development.

Dedicating its activity exclusively to the elaboration of research and projects in the scope of Lighting Design, Automation and Renewable Energies, LIGHTPLAN frequency develops prototypes of specific light fixtures. During the elaboration of its





projects, the harmony between aesthetic, economy and sustainability are basic vectors.

The current society demands to all a conscientious and conducive work to the world's sustainability, with the goal of resources rationalization, namely the energy ones.

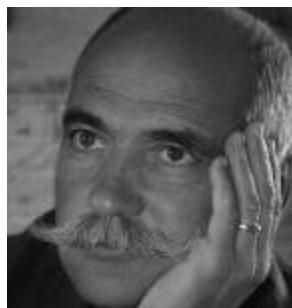
This responsible citizenship attitude is always present in the conception and execution of all the projects developed by OHM-E+LIGHTPLAN GROUP, in the perspective of public utility and challenge, in a society of information and knowledge, where the technological development must be placed in the service of more and better quality of life.

Concerning illumination, the management of **natural and artificial lighting** becomes central in the development of any project. It is this dynamic of profitability associated with innovation and new technologies that preside over to our works conception.

For the achievement of the referred objectives, it becomes necessary to implement **technologically advanced models** (optic fibers, LEDs, etc.) adjusted to the specifications of environments to illuminate, to optimize the degrees of adequacy to the requirements and also to promote the implementation of lighting technologies with great economic, ergonomic and ecological advantages - parameters defined by the "**GREENLIGHT**" European Program, which OHM-E+LIGHTPLAN GROUP is official partners.



2 | CEO CURRICULUM VITAE



Fernando Silva Gusmão is born in Vila Nova de Gaia in 1955.

He graduated in Electrical Engineering at the Superior Institute of Engineering of Porto in 1976.

He is Professor of Electronics, responsible for the Lighting area since 1977 and was apprentice in the area of the Public Illumination in the S.M.G.E. in Oporto in 1978.

In 1989, he founded the company OHM-E, Electrical Engineering Company, Ltd.

In 2002, he founded LIGHTPLAN - Consulting, Lighting Design and Engineering, Ltd. - "Partner" of "GREENLIGHT" Program.

He is Member of CPI - Portuguese Center of Illumination - and North Region Coordinator since 2006.

He carries through diverse lectures in the Lighting thematic at the Faculty of Architecture of the Porto University, Architects Association, Oporto Superior Institute of Engineering, Minho University, S. Tomé and Príncipe, etc.

From 2007 to 2009, he has teach the course "Lighting Museums and Preventive Conservation" at the Museology Master in the Oporto Catholic University.

Every year, he frequents diverse international courses of specialization in the areas of lighting design, alternative energies and management of energies (France, Switzerland, Germany, Austria, Belgium and Spain).

Publishes various **scientific articles** in bibliography of the specialty, namely:

Magazine L+D, Editora Lumière [nº32: Article "Arenas do futuro" – Estádio do Dragão e Caixa Dragão (p.66 a 71)]

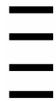
Book DESIGNING LIGHT, organização F.A.U.P. [Article "Luz, Sustentabilidade e Novas Tecnologias" (p.112 a 123)]

Magazine VOLT LIGHTING DESIGN [Nº03: Article "Projectar a Inteligência" (p.62 a 69); Nº05: Article "Paradigma Sustentável" (p.44 a 48)]

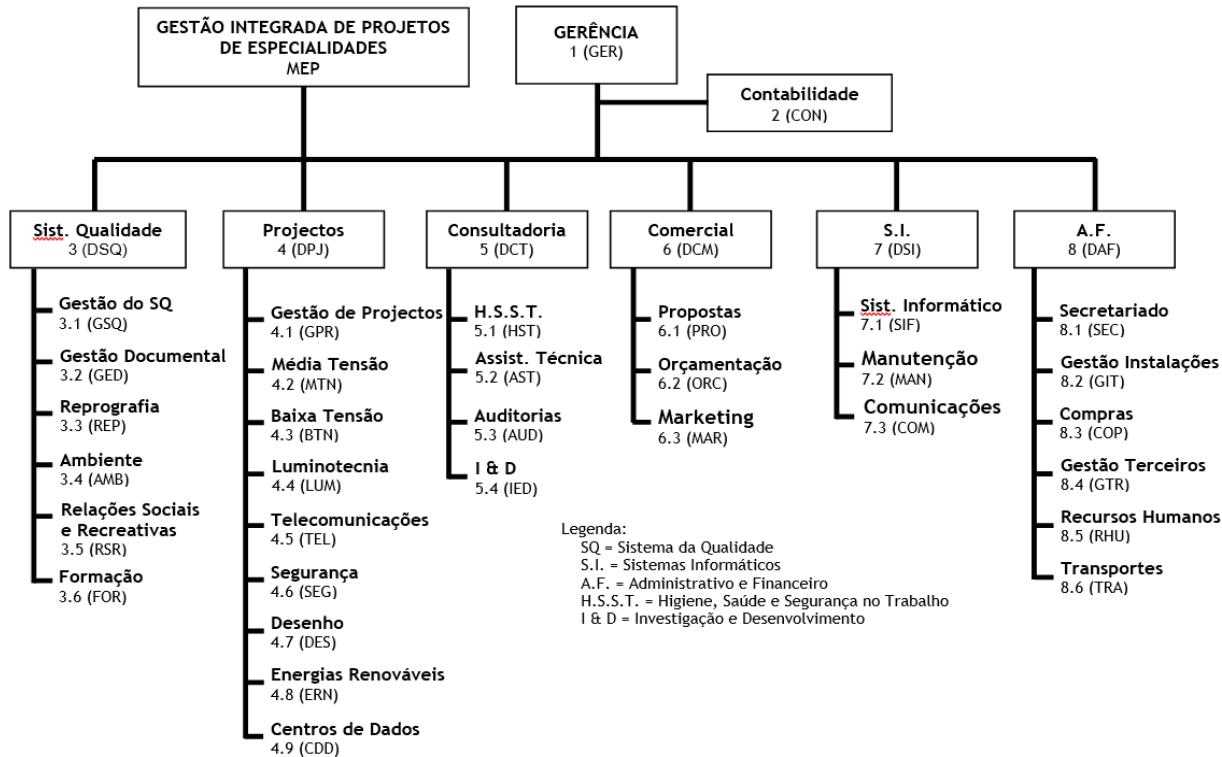
Magazine O ELETRICISTA [Nº12: Article "Racionalização Energética – Uma preocupação desde a fase de projecto" (p.102 a 104)]

Magazine IP – INSTALAÇÕES PROFISSIONAIS [Article "Santíssima Trindade – A Igreja do Século XXI" (p.20 a 36); Article "Quinta da Romaneira – Mais perto do céu..." (p. 42 a 46)];

Magazine SCHRÉDER ["Porto- cidade de luz e contrastes"(p.16,17)]



3 | COMPANY ORGANIZATION CHART



INSTALAÇÕES GRUPO OHM-E+LIGHTPLAN



INSTALAÇÕES GRUPO OHM-E+LIGHTPLAN

OHM-E+LIGHTPLAN's team is constituted by **Electrical Engineers and Architects**, specialized in diverse areas, mainly the departments of Lighting Design, Automation, Renewable Energies, Telecommunications, IT, Fire Safety, Energy efficiency audits, BMS, Active and Passive Security. It also incorporates technicians accredited by the Uptime Institute for the elaboration of Tier I to IV Data Center projects.

Beyond its permanent team, OHM-E+LIGHTPLAN GROUP has also partnerships with external consultants in the fields of Health and safety in the workplace, Civil Engineering, Mechanical engineering and building's energy certification (CINT-E and CTC-E), and many other scientific structures.

OHM-E+LIGHTPLAN group has also developed partnerships in specific projects with renowned international *Lighting Designers*:

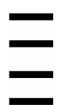
BARTENBACH L'TCHLABOR – Innsbruck, Austria

[Santuário de Fátima – Arch. Tombazis];

JONATHAN PPEIRS AND ASSOCIATES – Edinburgh;

THEO KONDOS – T KONDOS ASSOCIATED – New York [Sonae shopping centers with RKTL (EUA) and Office buildings in Lisbon with CPU – Urbanismo e Arquitectos];

YANN KERSALÉ – France [Quinta da Romaneira].



4 | CLIENTS



Dedicated to serve different market sectors, OHM-E+LIGHTPLAN GROUP counts with an ample range of customers among which we can detach some relevant entities, companies and names of national and international **Architecture and Engineering areas**, such as:

Arch Cristina Guedes and Arch. Francisco Vieira de Campos
 Arch Fátima Fernandes and Arch. Michele Cannatá
 Arch Manuela Soutinho
 Arch Paula Santos
 Arch. Alcino Soutinho
 Arch. Alexandre Burmester
 Arch. Álvaro Leite Siza
 Arch. Álvaro Siza Vieira
 Arch. Armando Esteves
 Arch. Arnaldo Barbosa
 Arch. Balonas
 Arch. Bernardo Távora
 Arch. Carlos Guimarães and Arch. Luis Soares Carneiro
 Arch. Carlos Prata
 Arch. Castro Ribeiro
 Arch. Eduardo Souto de Moura
 Arch. Fernando Jorge
 Arch. Francisco Barata
 Arch. Joana Cabral and Arch. Jorge Repolho
 Arch. João Mariz
 Arch. João Paulo Loureiro
 Arch. João Pedro Serôdio and Arch. Isabel Furtado
 Arch. João Rapagão
 Arch. Jorge Estriga
 Arch. José Carlos Cruz
 Arch. José Fernando
 Arch. José Manuel Soares
 Arch. Kazuyo Sejima and Ryue Nishizawa - SANAA
 Arch. Luis Cabral
 Arch. Manuel Magalhães
 Arch. Manuel Salgado
 Arch. Manuel Ventura
 Arch. Mário Moura
 Arch. Nuno Graça Moura
 Arch. Nuno Lacerda
 Arch. Nuno Sampaio
 Arch. Pádua Ramos
 Arch. Pedro Ramalho
 Arch. Pimentel Barbosa
 Arch. Pulido Valente
 Arch. Rafael Gaspar
 Arch. Rem Koolhaas
 Arch. Ricardo Oliveira
 Arch. Rogério Cavaca
 Arch. Rui Ramos
 Arch. Sérgio Secca



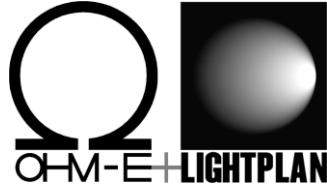


Arch. Solá Morales
 Arch. Sua Kay
 Arch. Tentugal
 Arch. Tombazis
 Arch. Valentim Miranda
 Arch. Victor Mestre e Arch. Sofia Aleixo
 Arch. Virgílio Moutinho
 Arch. Vítor Martins
 Atelier Daciano da Costa
 BPI
 C.M. de V. N. Gaia
 C.M. Matosinhos
 C.M. Porto
 DST
 Europa Ar-Lindo
 FDO
 FEUP
 GET
 GOP
 Grupo ABB
 Grupo CS
 INEGI
 INESC
 IPPAR
 Martifer
 Marope
 MOC
 P2E
 Quimonda
 Rodrigues & Gomes Associados
 Santa Casa da Misericórdia de V.N. Gaia
 Santa Casa da Misericórdia do Porto
 Santuário de Fátima
 Siemens
 Soares Da Costa
 Sonae
 Taylor, Fladgate
 Yasaki
 SONAE
 Among others

We must also enhance the development of several **partnerships** with offices and companies groups with great prestige, at national and international level:

A400 – Projectistas e Consultores de Engenharia Civil, Lda.
 ADÃO DA FONSECA – Engenheiros Consultores, Lda.
 AFA Consult – Consultores de Engenharia, Lda.
 ARUP – Consulting Engineers, Designers, Planners and Project Managers
 ENCIL – Projectos e Estudos de Engenharia Civil, Lda
 GEG – Gabinete de Estruturas e Geotécnica, Lda.;
 MELETITIKI – Alexandros N. Tombazis & Associates Architects
 NEWTON – Consultores de Engenharia, Lda.
 OMA – Office for Metropolitan Architecture
 OMEGA – Projectos de Engenharia e Arquitectura, Lda.
 GESBAU – Engenharia e Gestão
 SOPSEC – Sociedade de Prestação de Serviços de Engenharia Civil, SA
 TORÇÃO-E – Engenharia Lda.
 VITOR ABRANTES – Consultoria e Projectos de Engenharia, Lda.
 MEIKEGEST Engenharia





II - INTERVENTION AREAS AND MAIN PROJECTS

1 | DATA CENTERS

A Data Center is a facility designed and built to accommodate servers, interconnected in networks that communicate with the outside through the Internet. They include technologies and infrastructures to produce, receive, process and store immense volumes of data and with the guarantee of functioning 24 hours, 7 days a week, 365 days a year.

Given the importance that data centers have today, even choosing the location where they will be built is important.

The OHM-E + LIGHTPLAN team has, in its composition, technicians accredited by the Uptime Institute for the elaboration of Data Centers certified by this organization.

We highlight below several Data Centers carried out by the OHM-E + LIGHTPLAN team, both according to Uptime Institute standards or other guidelines.

INEGI – FEUP | Porto (New facilities – with data center)
Arq. Pedro Ramalho

INESC – Inst. Sup. de Engenharia de Sistemas e Computadores | Porto
(with data center)
Arq. Pedro Ramalho

BANCO FONSECAS & BURNAY/SEDE BPI | Sede do Porto (Edifício Inteligente – with data center)
Arq. Alcino Soutinho

BANCO PORTUGUÊS DE INVESTIMENTO | Centro de Cálculo, Boavista
(with data center)
Arq. Rui Ramos e Arq. Paula Santos

BOLSA DE VALORES DO PORTO E PALÁCIO DA BOLSA | Porto (with data center)
Arq. Alcino Soutinho

CENTRO DE CÁLCULO DAS BOLSAS DE VALORES | Lisboa e Porto (with data center)
Arq. Rui Ramos e Arq. Paula Santos

SEDE DA COMPANHIA DE SEGUROS | Vítoria (with data center)
Siemens - Portugal

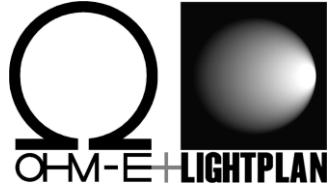
SEDE NORTE DO BPI | Porto (with data center)
Arq. Alcino Soutinho

BANCO DE MOÇAMBIQUE (with data center)
Arqº Henrique Castro Amaro

Data Center APDL

INEOS ESTARREJA (with 2 redundant data centers)





RARCON

YAZAKI SALTANO | Ovar (with data center)
Arq. Arnaldo Brito

Data Center Banco Millennium Atlântico (Uptime Institute TIER III)
Talatona, Angola

Data Center EIKON (Uptime Institute TIER III)
Lisboa, Portugal

Data Center I-Governancia (Uptime Institute TIER III)
Settat, Morocco



1 | URBAN AND ENVIRONMENTAL LIGHTING GENERAL PLANS



Prospecting functional and aesthetic sustainability of the contemporary city, the PGIUA (Urban and Environmental Lighting General Plans) are based on one **coherent and integrated perspective** of the diverse urban spaces, with respect to the public lighting.

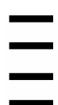
More and more citizens require well-being proposals from its city, based on functional and aesthetic points of view, what requires a lighting design capable to provoke visual sensations of pleasure and, simultaneously, a nocturnal illumination, promoter of major security.

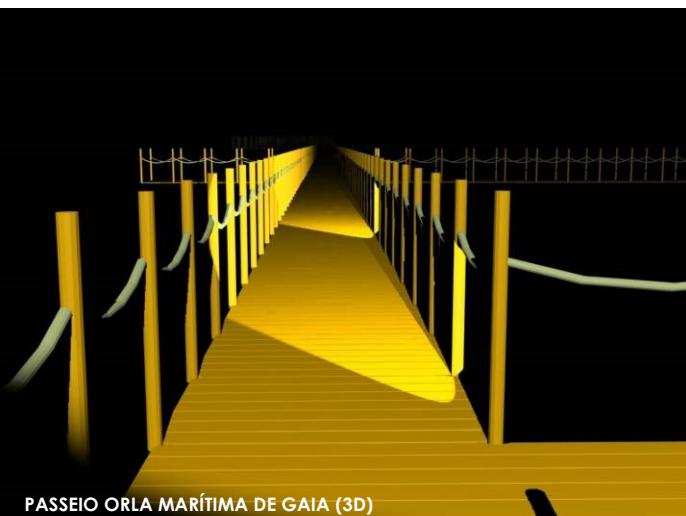
The patrimonial and historical values of the city must constitute the main approach of this urban lighting program. Evaluation of the **historical heritage**, its recognition and enlargement depend many times on the result of the visibility that it is conferred to it. During the day, any interested look percepts one important object or space, however, at night, it is the role of artificial lighting to stimulate the discovery of patrimonial elements describers of the different urban identities.

In the past, during some decades, the urban lighting was “decided” by the EDP (Electricity of Portugal) model, that means, the urban lighting philosophies were imposed to the autarchies by the energy delivering company, independently of the typologies of the spaces, the places or the regions. This imposing attitude took to an impoverishment and paling of the urban nocturnal beauty, having the cities been forgotten in what it says respect to the historical and patrimonial values.

Later, in **the 90s**, the neo-liberalism of the services gave autonomy to some private designers of this area of intervention. This decision was expressed in a certain visual chaos without aesthetic coherence that, in our opinion, took to an aggravation in the lack of order and sustainability of the urban proposals.

Today, considering the city as a whole integrated where the diurnal/nocturnal visibility brings sensations, experiences and basic directions to the beat of urban life, the desire is that





urban space represents the stage of an **interdisciplinary** work, developed by different specialists of various areas (Lighting Design, Architecture, History, etc.).

Thus, it is essential to have a general plan for the city, which aims to implement joint intervention measures in several areas and assess the suitability of the different typologies of existing materials in the market and the creation of specific designs.

Within this philosophy, LIGHTPLAN has developed several plans, namely:

A ROTA DO VINHO DO PORTO | Vila Nova De Gaia
Arch. Cannatà & Fernandes

PLANO DE PORMENOR DO MONTE-PILOTO | Braga
Arch. Ricardo Oliveira

PLANO DE PORMENOR DE PAREDES DE COURA | P. de Coura
Arch. Ricardo Oliveira

PASSEIO DA ORLA MARÍTIMA (15 km) | Vila Nova De Gaia
Gaiurb

MARGINAL DO RIO DOURO | Vila Nova De Gaia
Gruch (Fase 1)
Arch. Carlos Prata (Fase 2)

RIBEIRA DAS NAUS | Lisboa
ParquExpo; Proap (Arch. Gomes da Silva e João Nunes)

PORTO 2001 | Área de intervenção – Oeste B, Porto
Arch. Virgílio Moutinho

AFURADA | Vila Nova de Gaia
Gaiapolis; Arch. Virgílio Moutinho

ZONA POENTE E NASCENTE DA FRENTE RIBEIRINHA DA BAIXA POMBALINA | Lisboa
ParquExpo; Arch. Bruno Soares





PRAÇA GONÇALVES ZARCO



PRAÇA D.JOÃO I



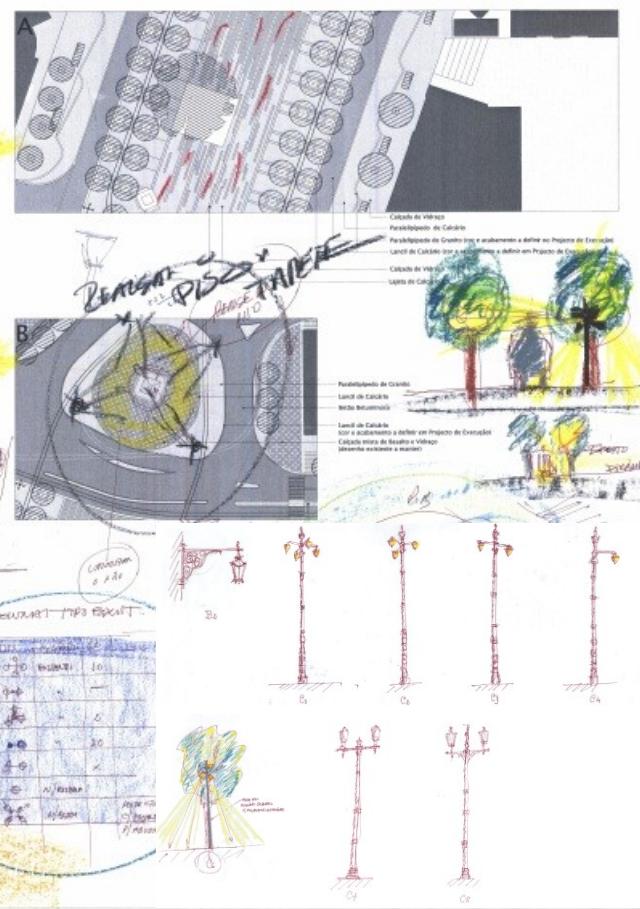
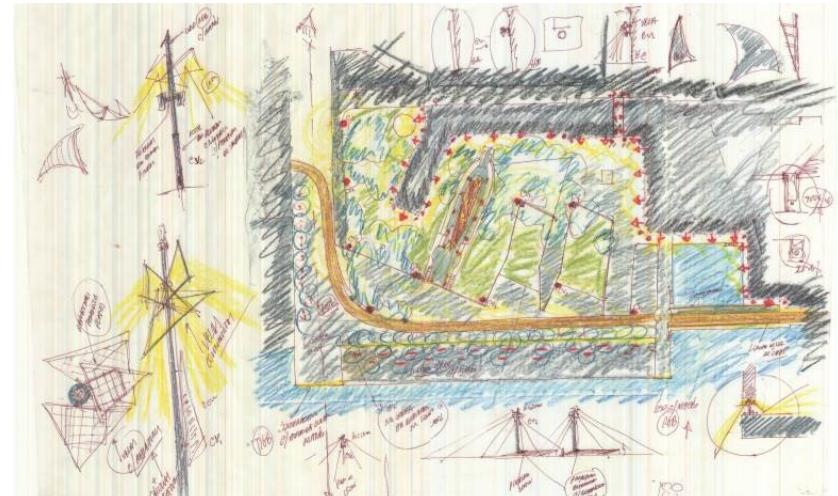
ROTONDA DA BOAVISTA



PRAÇA RIBEIRA DAS NAUS | Lisboa
Proap - Arch. João Nunes

CAIS DO SODRÉ
Global - Arch. Gomes da Silva

ZONA POENTE DA FRENTES RIBEIRINHA DA BAIXA POMABALNA |
Lisboa
ParquExpo



ZONA POENTE E NASCENTE DA FRENTES RIBEIRINHA DA BAIXA POMABALNA

2 | SUSTAINABLE LIGHTING - RENEWABLE ENERGIES



The use of renewable energies in substitution of the conventional energies leads to the significant reduction of pollutant levels and represents, nowadays, an essential process in Portuguese **energy balance**.

In this point of view, LIGHTPLAN search to implement, in the elaboration of its projects, the most adjusted measures of **energy efficiency** and use of **renewable resources**, contributing for environmental defense and, simultaneously, for the success of national energy politics.

In result of this action plans, we can distinguish some projects of our company, as:

IGREJA DA SANTÍSSIMA TRINDADE – NOVO SANTUÁRIO | Fátima
Arch. Tombazis | Arch. Paula Santos
[550 KVA, solar power]

CASAS AUTO-SUFICIENTES – CONCRETA, EXPONOR | Matosinhos
Arch. Cannatà & Fernandes

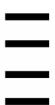
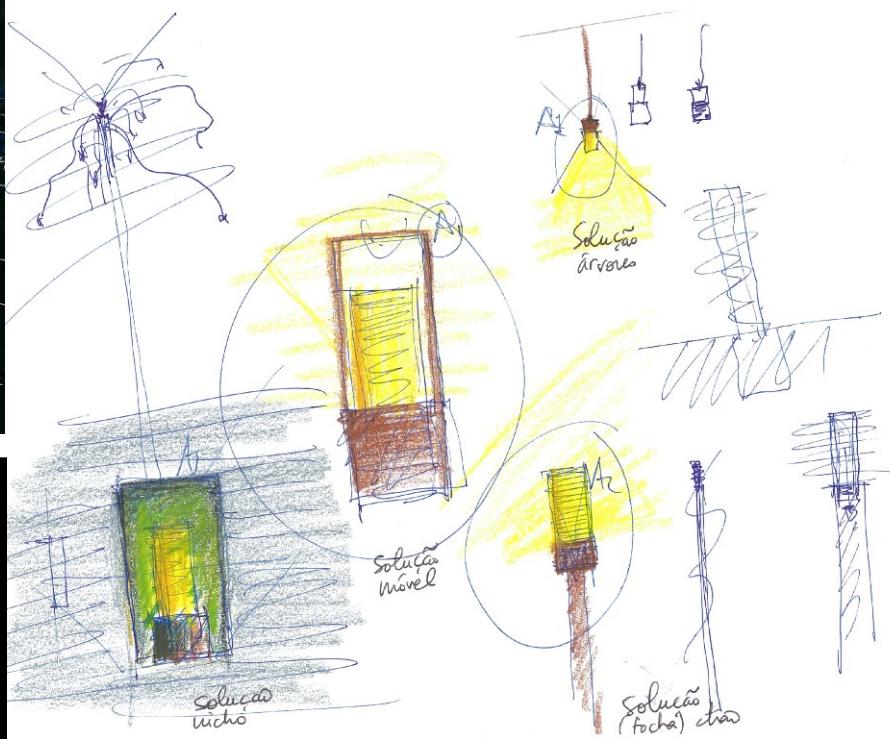
EDIFÍCIO DE ESCRITÓRIOS (Instalações OHM-E) | Porto
Arch. Pedro Ramalho
[20 KVA, solar power]

CENTRAL FOTOVOLTAICA DO ALQUEVA | Parque do Alqueva
EDIA - Empresa de Desenvolvimento e Infra-estruturas do Alqueva, S.A.
[65 KVA, solar power]

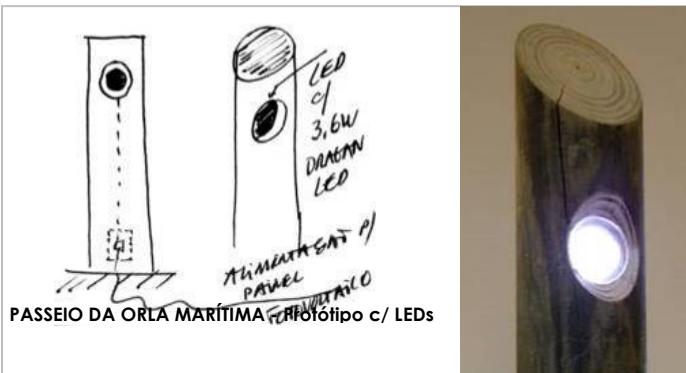
ILUMINAÇÃO DA ORLA MARÍTIMA DE GAIA (15KM) | V. N. Gaia
Câmara Municipal de Vila Nova de Gaia

PARQUE DO ALQUEVA – 3 lots (total of 2075ha)
S.A.I.P.
[LED landscape lighting]





3 | PROTOTYPE DEVELOPMENT



In its **work processes**, LIGHTPLAN search for the biggest quality and aesthetic control technique. Informatics' instruments, scale models and top technologies are used to better reach the objectives of the project in cause.

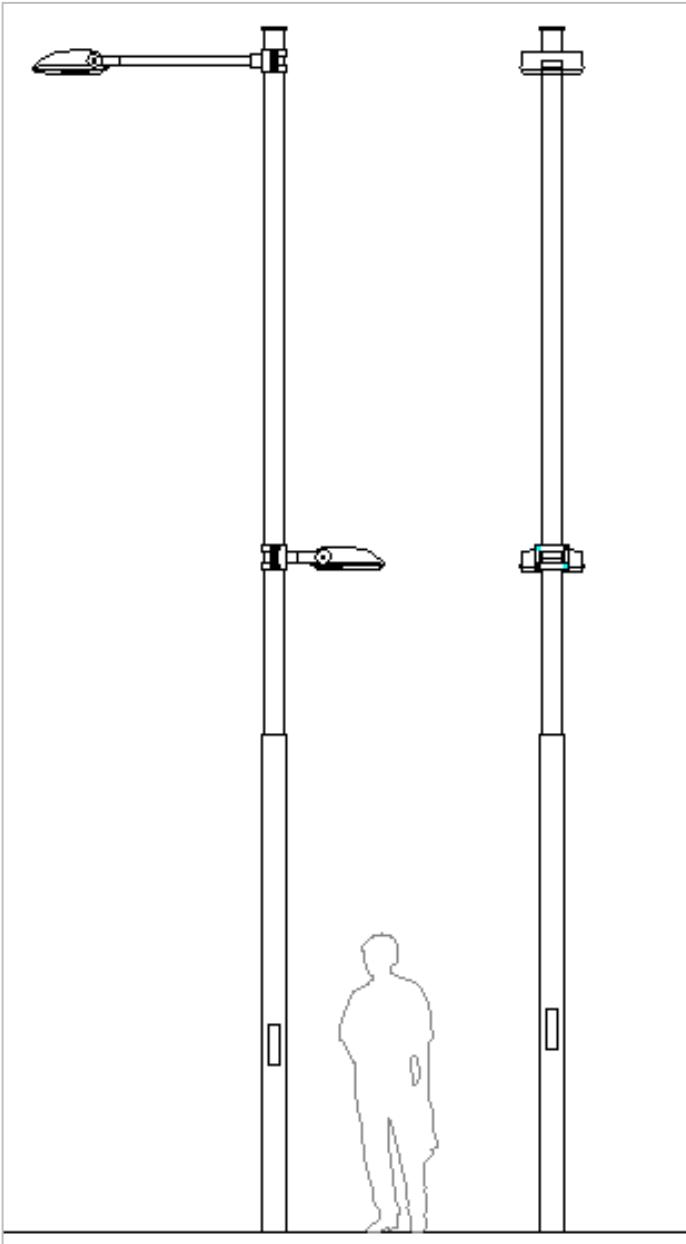
Following this point of view, we frequently develop lighting prototypes for specific projects, with the aim of improving the idealized solutions, regarding to the aesthetic, economic and sustainable level.

As an example, LIGHTPLAN developed prototypes for the following projects:

PASSEIO DA ORLA MARÍTIMA (15 km) | Vila Nova De Gaia Gaiurb
 [LEDs integrated into wooden poles]

AVENIDA DA BOAVISTA (zona oeste) | Porto
 Arch. Siza Vieira e Arch. Souto de Moura
 [Aluminum poles for public lighting – Poste Technical]

PARQUE DO ALQUEVA – 3 Herdades (total de 2075ha) S.A.I.P.
 [Concept design to light walkways]



4 | MARKET SECTORS



VIADUTO DE MASSARELOS - Porto



QUINTA DA ROMANEIRA - Alijó



Providing global services in the field of Lighting Design, Automation and Renewable Energies, LIGHTPLAN collaborates in different phases of a project in a wide range of intervention fields, of which we emphasize:

Urban and environmental

AFURADA | Gaia
Gaiapolis - Arch. Virgílio Moutinho

ALQUEVA
Arch. Víctor Mestre e Arch. Luis Cabral

AVENIDA E ROTUNDA DA BOAVISTA | Porto
Arch. Siza Vieira

AVENIDA MONTEVIDEO | Porto
Arch. Solà-Morales

CAMPO DE GOLFE DE ÓBIDOS | Óbidos
Arch. Alberto Campos

CAMPO DE GOLF DE RONCÃO D'EL REI | Alqueva
Arch. Roger Rulewith

CAMPO DE GOLF MUNICIPAL DE FARO | Faro
C. M. Faro

CAMPO DE GOLF MUNICIPAL DE LAMEGO | Lamego
C. M. Lamego

CAMPO DE GOLF MUNICIPAL DE MESÃO FRIO | Mesão Frio
C. M. Mesão Frio

CAMPO DE GOLF MUNICIPAL DE V.N.GAIA | V. N. Gaia
Arch. Arlindo de Sá

FRENTE MARÍTIMA DO PARQUE DA CIDADE | Porto, Matosinhos
Arch. Solà Morales

PARQUE URBANO DE PAREDES DE COURA | Paredes de Coura
Arch. Ricardo Oliveira

PORTO 2001 | Intervention sector – West B
Arch. Virgílio Moutinho

PRAÇA ARMANDO RODRIGUES | Povoa de Lanhoso
Arch. Ricardo Oliveira

QUINTA DA ROMANEIRA | Alijó
Arch. Arnaldo Barbosa

QUINTEL | Cinfães
Arch. Carlos Guimarães e Soares Carneiro

VIADUTO DE MASSARELOS | Cais das Pedras, Porto
Encil



Historical Heritage



CASA DE SÃO FRANCISCO DE VINHAIS | Bragança
Arch. Fátima Fernandes e Arch. Cannatà Fernandes

CASTELO MENDO | Castelo Mendo
Arch. João Rapagão e Arch. César Fernandes

CONVENTO DE SÃO BENTO DA VITÓRIA | Porto
Arch. Carlos Guimarães e Arch. Soares Carneiro

CONVENTO DOS FRADES TRINOS | Miranda do Douro
Arch. Carlos Guimarães e Arch. Soares Carneiro

IGREJA DE GULPILHARES | V. N. Gaia
Arch. Felismina Topa

IGREJA DE JESUS CRISTO DOS SANTOS DOS ÚLTIMOS DIAS | Porto
Arch. Armando Esteves

IGREJA PAROQUIAL DE S. OVIDIO | V.N. Gaia
Arch. Manuel Abreu

IGREJA DE STA. CLARA A VELHA | Coimbra
Arch. João Rapagão e Arch. César Fernandes

IGREJA DE S. CARLOS | Ilha Terceira - Açores
Arch. Bernardo Távora

IGREJA DE S. DOMINGOS (Sé) | Vila Real
IPPAR

IGREJA DE S. JOÃO DE ALFANGE | Santarém
Arch. Vítor Mestre

IGREJA E CASA DE S. FRANCISCO DE VINHAIS | Bragança
Arch. Cannatà & Fernandes, Lda.

MOSTEIRO DOS JERÓNIMOS | Lisboa (not built)
Arch. Carlos Guimarães e Arch. Soares Carneiro

MOSTEIRO DE STA. MARIA DA VITÓRIA | Batalha
(ADEGA DOS FRADES functional area)
IPPAR, Arch. João Rapagão | Arch. César Fernandes

MURALHA E PALÁCIO DO MARQUÊS DE CASTELO RODRIGO | Guarda
Arch. João Rapagão e Arch. César Fernandes

MUSEU ALBERTO SAMPAIO | Guimarães
Arch. Fátima Fernandes e Arch. Cannatà Fernandes

MUSEU DE LAMEGO | Lamego
Arch. Castanheira

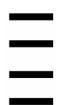
MUSEU DO CARRO ELÉCTRICO | Porto
Arch. Alcino Soutinho

MUSEU FRANCISCO TAVARES PROENÇA JÚNIOR | Castelo Branco
Arch. João Rapagão e Arch. César Fernandes

MUSEU SANTA JOANA | Aveiro
Arch. Alcino Soutinho

PAÇO DOS DUQUES DE BRAGANÇA | Guimarães
IPPAR

PALACIO DO COMÉRCIO | Porto
Arch. Alexandre Teixeira da Silva e Miguel Ribeiro de Sousa





SALA DE ARQUEOLOGIA DO MUSEU ABADE BAÇAL | Bragança
IPPAR

TORRE MEDIEVAL DA SÉ | Porto
Arch. Manuel Magalhães

VALORIZAÇÃO DA TORRE DE ALMOFALA | Figueira de C.Rodrigo
Arch. João Rapagão e Arch. César Fernandes

ZONA HISTÓRICA DE ÓBIDOS | Óbidos
Arch. João Rapagão e Arch. César Fernandes

Culture

AUDITÓRIO DO PATRONATO NOSSA SENHORA DA TORRE | Braga
Arch. Virgílio Moutinho

AUDITÓRIO MUNICIPAL | Matosinhos
Arch. Alcino Soutinho

AUDITÓRIO MUNICIPAL DE FAMALICÃO | Famalicão
Arch. Pedro Ramalho

AUDITÓRIO MULTIUSOS | Ponte de Lima
C. M. Ponte de Lima

BIBLIOTECA MUNICIPAL MANUEL ALEGRE | Águeda
Arch. Alcino Soutinho

BIBLIOTECA DE CINFÃES | C.M. Cinfães
Arch. Carlos Guimarães e Arch. Soares Carneiro

BIBLIOTECA MUNICIPAL E SALA DE EXPOSIÇÕES | Matosinhos
Arch. Alcino Soutinho

BIBLIOTECA MARCELO REBOLO DE SOUSA | Celorico de Bastos
Arch. Carlos Guimarães e Arch. Soares Carneiro

CÂMARA MUNICIPAL DE CELORICO DE BASTOS | Celorico de Bastos
Arch. Carlos Guimarães e Arch. Soares Carneiro

CANTINA UNIVERSITÁRIA – SASUP – FEUP | Porto
Arch. Pedro Ramalho

CASA DA MÚSICA | Porto (Fire and Life Safety Design)
Arch. Rem Koolhaas

CENTRO DE CIÊNCIA E TECNOLOGIA DO MAR | Matosinhos
Arch. Alcino Soutinho

CENTRO PAROQUIAL VIA TODOS | Barcelos
Arch. Pedro Camacho

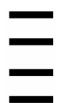
CENTRO CULTURAL - AUDITÓRIO DE RESENDE | Resende
Arch. Virgílio Moutinho

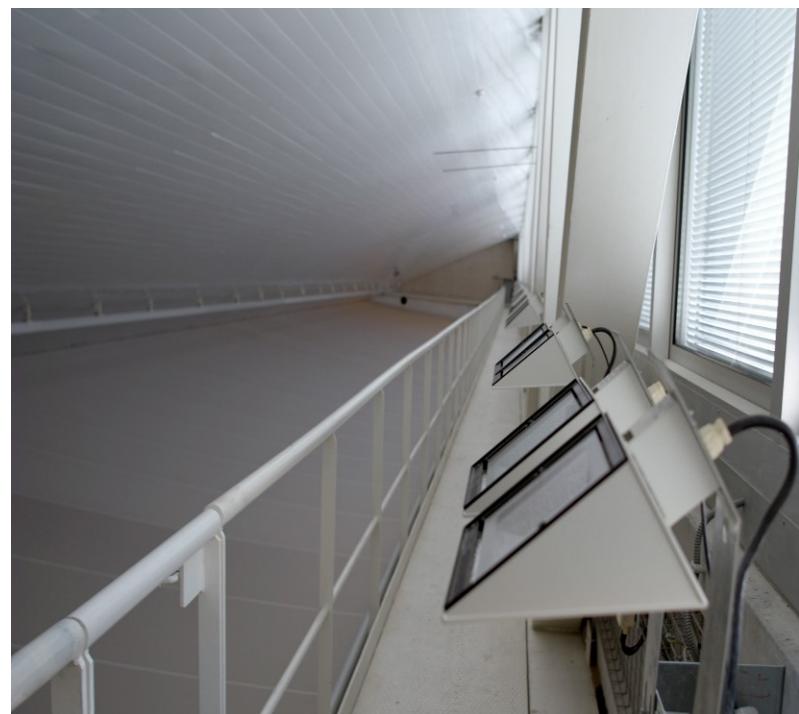
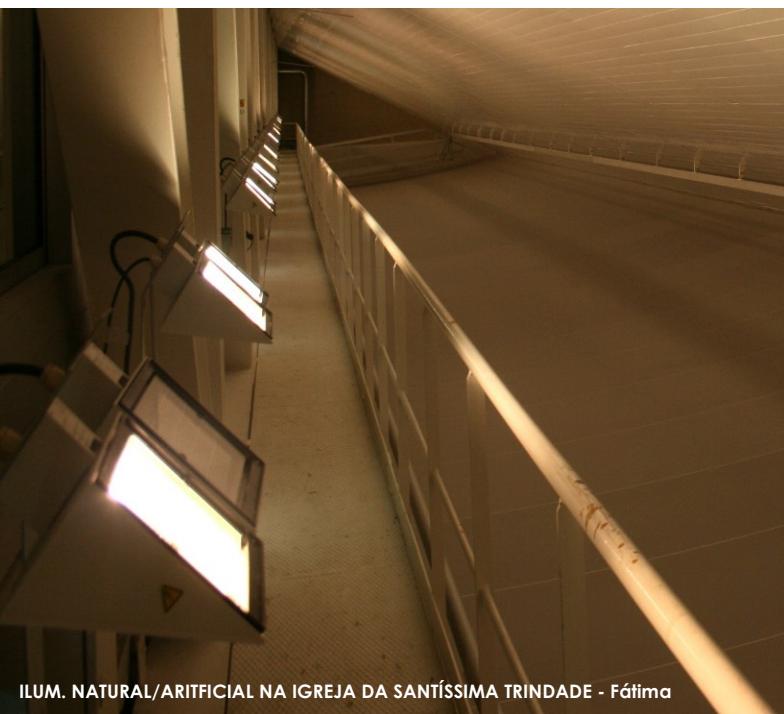
COLISEU MICAELENSE | S. Miguel, Açores
Arch. Rogério Cavaca

EDIFÍCIO MULTIFUNCIONAL DA FUNDAÇÃO DE SERRALVES | Matosinhos
SANAA: Kazuyo Sejima & Ryue Nishizawa; Cannatà & Fernandes, Lda.

IGREJA SANTÍSSIMA TRINDADE (NOVO SANTUÁRIO) | Fátima
Arch. Tombazis e Arch. Paula Santos

MUSEU AMADEO SOUZA CARDOSO | Amarante
Arch. Alcino Soutinho







TEATRO MUNICIPAL DO RIVOLI - Porto



AUDITÓRIO DE MATOSINHOS 3D

MUSEU DA ÁGUA | Guarda
Arch. Burmester

MUSEU DA ÁGUA | Lisboa
Arch. Álvaro Leite Siza

MUSEU DO NEOREALISMO | Vila Franca de Xira
Arch. Alcino Soutinho

QUINTA DA BOEIRA | V.N Gaia
Arch. Valentim Miranda

TEATRO DE CAMINHA | Caminha
Arch. Pedro Ramalho

TEATRO GIL VICENTE | Barcelos
Arch. Carlos Guimarães e Arch. Soares Carneiro

TEATRO MUNICIPAL CARLOS ALBERTO - PORTO 2001 | Porto
Arch. Nuno Lacerda

TEATRO MUNICIPAL DE GUIMARÃES | Guimarães
Arch. Alfredo Ramalho (Contest)

TEATRO MUNICIPAL DO RIVOLI | Porto (Rehabilitation)
Arch. Pedro Ramalho

Education

CENTRO DE FORMAÇÃO PROFISSIONAL DE BRAGA | Braga
Arch. Armando Esteves

CENTRO DE FORMAÇÃO PROFISSIONAL DE PAREDES | Paredes
Arch. Rui Ramos; COGEPRO

CENTRO ESCOLAR ARCOS | V. N. Gaia
FDO

CENTRO ESCOLAR DE VIDAGO | Chaves
Arch. Cândido Lopes

CENTRO ESCOLAR LAÇÕES | Oliveira de Azeméis
Arch. Virgílio Moutinho

CRECHE E JARDIM DE INFÂNCIA | C. M. da Maia
Arch. João Baptista

CTNAS - PÓLO III DA UNIVERSIDADE DE COIMBRA | Coimbra
Arch. João Pedro Serôdio

DELEGAÇÃO ESCOLAR DE V. N. GAIA | C. M. V. N. Gaia
Arch. Octávio Alves

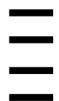
ECOFEUP - Instalações da FEUP | Porto
Arch. Pedro Ramalho

ESCOLA DE NEGÓCIOS E SERVIÇOS COMPLEMENTARES | Chaves
Arch. Cândido Lopes e Nicolau Lopes

ESCOLA PROFISSIONAL DE HOTELARIA | Cinfães
Arch. Carlos Guimarães e Luís Soares Carneiro

ESC. SUP. DE TECNOLOGIAS DA SAÚDE DO PORTO | V. N. Gaia
Arch. Balonas

FACULDADE DE BELAS ARTES – UP | Porto (Ampliação)
Arch. Alcino Soutinho





FACULDADE DE ECONOMIA E GESTÃO | Universidade do Minho
Arch. Rafael Gaspar

FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO | Porto
(Ampliação das instalações, Salas de aula e laboratórios)
Arch. João Baptista

ICBAS E FFUP – INST. ABEL SALAZAR E FAC. DE FARMÁCIA DA UP | Porto
Arch. José Manuel Soares

IDITE - UNIVERSIDADE DO MINHO - NOVO EDIFÍCIO, PÓLO 2 | Braga
Arch. Rafael Gaspar

INSTITUTO SUPERIOR DE CIÊNCIAS DO TRABALHO E DA EMPRESA | Lisboa
Arch. Estnes Ferreira

INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO - EDIFÍCIO E | Porto
Arch. Virgílio Moutinho

INEGI – FEUP | Porto (Novas Instalações - with data center)
Arch. Pedro Ramalho

INESC – Inst. Sup. de Engenharia de Sistemas e Computadores | Porto
(with data center)
Arch. Pedro Ramalho

ISLA- INSTITUTO SUPERIOR DE LÍNGUAS E ADMINISTRAÇÃO | V. N. Gaia
Arch. Octávio Alves

ISR - FEUP | Porto
Arch. Pedro Ramalho

REITORIA DA UNIVERSIDADE DE LISBOA | Lisboa
Arch. Alcino Soutinho

UNIVERSIDADE ABERTA | Almada
Arch. Nuno Lacerda

UNIVERSIDADE DA BEIRA INTERIOR | Covilhã
IPPAR

UNIVERSIDADE PORTUCALENSE | Porto
Arch. Armando Esteves

VÁRIAS ESCOLAS BÁSICAS NACIONAIS | North region

VÁRIAS ESCOLAS (PARQUE ESCOLAR PUBLIC PROGRAM)
Rehabilitation of public schools all over the country, such as:

Baião – Arch. Virgílio Moutinho

Castelo de Paiva – Arch. Nuno Sampaio

D. Maria II, Braga – BIG Arquitectura

D. Sancho I, Famalicão – BIG Arquitectura

Estarreja – Arch. José Manuel Soares

Felgueiras – Arch. Virgílio Moutinho

Ferreira de Castro, Oliveira de Azeméis – Arch. Virgílio Moutinho

Gafanha da Nazaré – Arch. José Manuel Soares

Marco de Canaveses – Arch. Nuno Lacerda

Martins Sarmento, Guimarães – Arch. Carlos Guimarães e S. Carneiro

Mirandela – Arch. Cristina Carvalho e Vieira de Campos

Oliveira Júnior, S. João da Madeira - Arch. Virgílio Moutinho

Padrão da Légua, Matosinhos - PMBT

Ponte de Lima – Arch. Serôdio e Furtado

Quinta do Marquês, Oeiras – Arch. Vitor Mestre e Sofia Aleixo

Resende – Arch. Francisco Barata

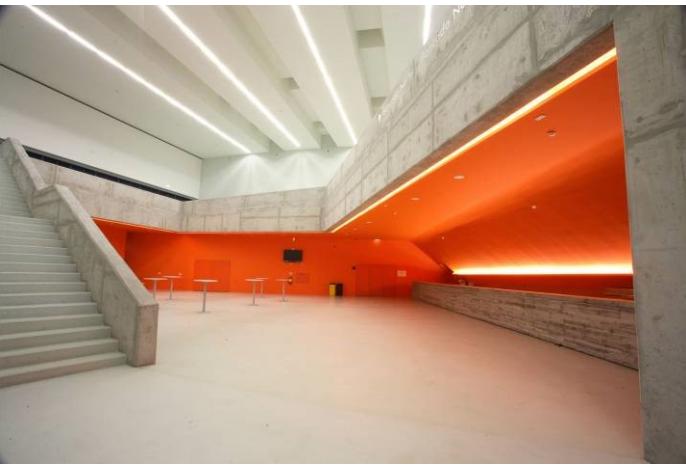
Santa Maria da Feira – Arch. José Manuel Soares

Santa Maria Maior, Viana do Castelo – Arch. Pedro Ramalho



São João da Madeira – Arch. Joaquim Milheiro
 Taipas, Guimarães - Arch. OF
 Vila Verde – Arch. Pedro Mendo

Sports venues



CENTRO DE ESTÁGIO DO F.C. PORTO | Olival, Vila Nova Gaia
 Arch. Alcino Moutinho

COMPLEXO DESPORTIVO DE BRAGA | Braga
 (Olympic pool and sports pavilion)
 Arch. Rafael Gaspar/ Arch. Souto Moura

ESTÁDIO DE SANTA CLARA | Açores
 Soares Da Costa

ESTÁDIO DO DRAGÃO | Antas, Porto
 Risco - Projectistas e Consultores de Design S.A.
 Arch. Manuel Salgado e Arch. Jorge Estriga

ESTÁDIO KARAIKAKI | Atenas, Grécia
 (As Lighting Consultants)
 Stelios Agiostratidis

ESTÁDIO MUNICIPAL DE V. N. GAIA | V. N. Gaia
 (Preliminary design stage)
 Arch. João Rapagão e Arch. César Fernandes

PAVILHÃO "DRAGÃO CAIXA", F. C. PORTO | Antas, Porto
 Arch. Manuel Salgado

PAVILHÕES GIMNODESPORTIVOS | Câmara Municipal da Maia
 Arch. João Baptista

PISCINA MUNICIPAL DE MATOSINHOS | Matosinhos
 Arch. Pedro Ramalho

PISCINAS MUNICIPAIS DE V. N. GAIA | Lavandeira, Oliveira Do Douro
 Arch. Maria Do Carmo

PISCINA MUNICIPAL DE VIMIOSO | Vimioso
 Arch. Octávio Alves e Arch. Manuela Soutinho

PISCINA E SERVIÇOS DE APOIO | Óbidos
 Arch. Nuno Graça Moura

PISCINA OLÍMPICA DE BRAGA | Braga
 Arch. Rafael Gaspar

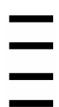
PISCINA OLÍMPICA DE MIRAMAR | V. N. Gaia
 Arch. Octávio Alves e Arch. Manuela Soutinho

PISCINAS DE SABROSA | Sabrosa
 Arch. Cristiano Moreira

PISCINA DE VILA MEÃ | Vila Meã
 Arch. Valentim Miranda

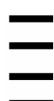
PISCINA OLÍMPICA DO F.C. DO PORTO | Porto
 Arch. Tentugal e Arch. Maria Do Carmo

RECINTO DESPORTIVO – MDC | Leiria
 Arch. Manuel Salgado





ILUMINAÇÃO ARTIFICIAL DO ESTÁDIO DO DRAGÃO, F.C.PORTO



Healthcare



ASSOCIAÇÃO FARMACÉUTICA | Ponte de Lima e Óbidos
Arch. Alcino Soutinho

CENTRO TERMAL DE EIROGO | Barcelos
Gabinete Omega

CLÍNICA DE FISIOTERAPIA | Felgueiras
VSarquitectura

CLÍNICA GERIÁTRICA NO INSTITUTO SUPERIOR | Vale do Ave
Arch. Fernando Jorge

CLÍNICA LABORITORIAL DR. CARLOS TORRES | Porto
Arch. Humberto Torres

CLÍNICA OFTALMOLÓGICA | Porto
Arch. Alcino Soutinho

DELEGAÇÃO DE SAÚDE DE GAIA | Câmara Municipal V. N. Gaia
Arch. Octávio Alves e Arch. Manuela Soutinho

HOSPITAL AGOSTINHO RIBEIRO | Felgueiras
Misericórdia de Felgueiras

HOSPITAL DISTRITAL | Viseu

HOSPITAL DISTRITAL | Santa Maria da Feira

HOSPITAL PRIVADO PORTUGUÊS Carlton Life Lusíada | Lisboa
Arch. Carlos Prata

HOSPITAL PRIVADO DE GAIA | V.N. de Gaia
Arch. Ricardo Oliveira

IPO – Unidade de Radioterapia | Porto
Arch. Balonas

CLINICA MUTAMBA – ANGOLA
VINAGRE & CORTE REAL, ARQUITECTOS

Hospitality



CANIÇO PALACE HOTEL | Caniço - Madeira
Arch. Lino Paixão

COLOMBO'S RESORT | Porto Santo – Madeira
Arch. Ricardo Ozir

CS HOTEL DA MADEIRA
Grupo Cs

CS HOTEL DO LAGO MONTARGIL
Grupo Cs

CS MORGADO GOLF HOTEL
Grupo Cs

CS PALACE BAIRRO ALTO HOTEL
Grupo Cs

CS PALACE LISBOA HOTEL
Grupo Cs

CS SALGADOS DUNAS SUITE HOTEL
Grupo CS





CS VINTAGE OPORTO HOTEL
Grupo Cs

CS VINTAGE LISBOA HOTEL
Grupo Cs

FORUM THEATRUM DE CALDAS | Caldas da Rainha
Fdo Construções

GAIARTS PLAZA CENTRUM | V. N. Gaia
Consfly

HOTEL BAIÃO | Baião
Arch. Cannatà & Fernandes

HOTEL BOAVISTA | Porto
Arch. Manuel Ventura

HOTEL CAIMA, SARL | Vale de Cambra
Arch. Joaquim Coimbra

HOTEL CAMPO DOS GAIOS | V. N. Gaia
Torção

HOTEL DO SAMEIRO | Braga
Arch. Fernando Jorge

HOTEL DOURO 41 (QUINTA DAS FONTAINHAS) | Castelo de Paiva
Arch. Serôdio e Furtado

HOTEL GERIATRICO DE GAIA | V. N de Gaia
Arch. Hilário Machado

HOTEL GOLF DO REGUENGO E HOTEL PALÁCIO | Portimão
Grupo CS

HOTEL HILTON | Óbidos
Arch. Souto de Moura

HOTEL IDANHA-A-NOVA | Castelo Branco
Arch. Coimbra; SOCONSTROI

HOTEL LEÇA DO BALIO | Leça do Balio
Arch. João Ferreira

HOTEL MELIA | Braga
Hotti-Braga Hotéis

HOTEL MERCURE – ARRÁBIDA | V.N. Gaia
Arch. Alcino Soutinho

HOTEL QUINTA DO CALVÁRIO | Sandim
Auferma

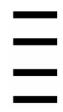
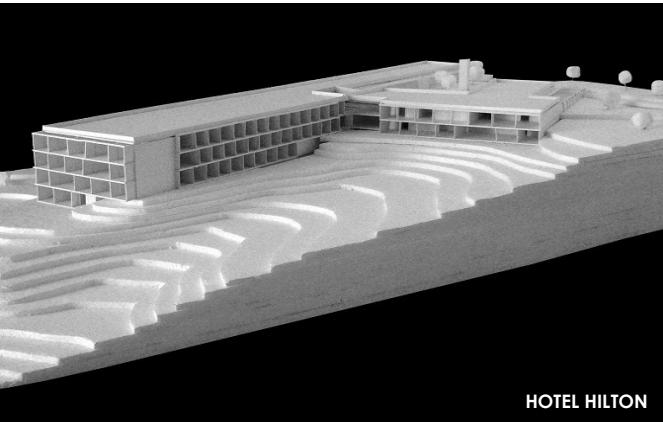
HOTEL RESORT E CAMPO DE GOLFE | Mesão Frio
Grupo Mário Ferreira

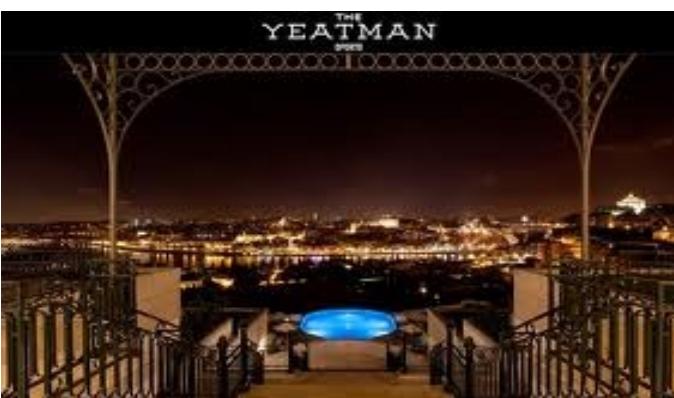
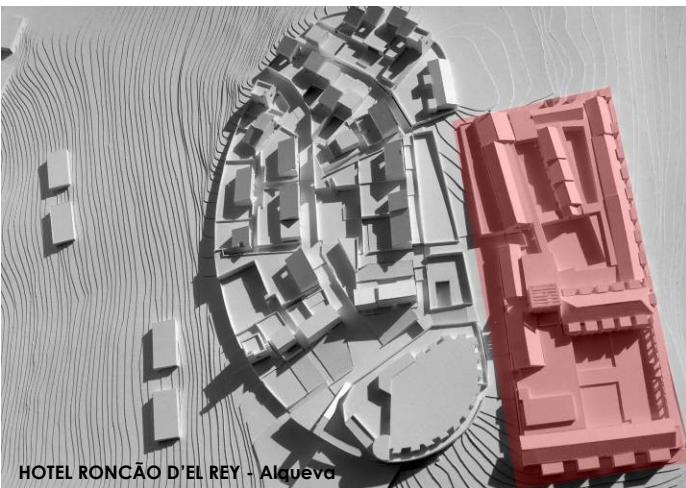
HOTEL RONCÃO D'EL REY | Alqueva
Arch. Vítor Mestre

HOTEL S. FRANCISCO | Beja
Arch. J. Vasconcelos Marques

HOTEL SHERATON | Lisboa
Sociedade de Construções Marope

HOTEL TRYp | Lisboa
Hotti-Braga Hotéis





MAIA PARK – HOTEL | Maia
Arch. Pádua Ramos

MARINA DOURO HOTEL | Douro Azul
Arch. João Mariz

PARQUE DO ALQUEVA – HERDADE DO RONCÃO, HERDADE DE AREIAS
HERDADE DE POSTORO | Alqueva
SAIP (Sociedade Alentejana de Investimento e Promoções)

PESTANA GROUP | Hotel da Beloura
Arch. José Moraís

QUINTA DE TRALHARIZ | Carrazeda Ansiães
Arch. Duarte Cunha

RESIDENCIAL ESTUDANTES DA UNIVERSIDADE DE COIMBRA | Coimbra
Arch. Paula Santos

RESIDENCIAL ESTUDANTE FEUP | Porto
Arch. Pedro Ramalho

RESIDENCIAL PONTE DA BARCA | Ponte da Barca
Arch. Rui Ramos e Arch. Paula Santos

SOLAR DA REDE | Mesão Frio
Grupo Cs

SOLAR DAS NECESSIDADES | Açores
Arch. Carlos Guimarães

UNIDADE HOTELEIRA PINHAL D'ABERTA | Esmoriz
Arch. Pulido Valente

YEATMAN HOTEL | V. N. Gaia
Arch. Victor Miranda

HOTEL EN EL CAMPILLO DE CABO DE GATA – NIJAR – ALMERIA ESPANHA
Arch. Álvaro Siza

HOTEL ALVALADE – LUANDA – ANGOLA - (1998)
Pinto & Cruz

HOTEL ALVALADE – LUANDA – ANGOLA - (1998)
Pinto & Cruz

POUSADA DA QUINTA DA CRESPA-SOLAR DOS PIMENTEIS-MONCORVO
(1989)
Arch. Antonio Meneres

SOLAR CASA DO RIBEIRINHO – MATOSINHOS (1990)
Arch. José Carlos Cruz

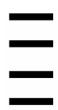
VALORIZAÇÃO DA FORTALEZA DE SAGRES (1990)
Arch. João Carreira

NOVOTEL – SETUBAL (1990)
Sua Kay Arquitectos

HOTEL IBIS – LISBOA (1991)
Sua Kay Arquitectos

HOTEL IBIS – OEIRAS (1991)
Sua Kay Arquitectos

HOTEL IBIS - SETÚBAL
Sua Kay - Arquitectos





HOTEL IBIS - LISBOA
Sua Kay - Arquitectos



HOTEL RONCÃO D'EL REY – ALQUEVVA, ARCH. Vitor Mestre e Sofia Aleixo



HOTEL RONCÃO D'EL REY – ALQUEVVA, ARCH. Vitor Mestre e Sofia

HOTEL IBIS - OEIRAS
Sua Kay - Arquitectos

HOTEL IBIS - STº TIRSO
Sua Kay - Arquitectos

HOTEL IBIS - STº TIRSO (1991)
Sua Kay Arquitectos

EMPREENDIMENTO TURÍSTICO DA CALOURA – AÇORES- (2001)
Arch. Graça Nieto Guimarães

POUSADA DO CONVENTO DE STª. MARIA DE BOURO (1994)
Arch. Eduardo Souto Moura

POUSADA DA FORTALEZA DE PENICHE
Arch. Álvaro Siza

RESTAURO E REMODELAÇÃO DA ZONA TURÍSTICA DE VIDAGO E PEDRAS SALGADAS
Arch. Álvaro Siza

ALBERGARIA DO ALTO DA VITÓRIA- PORTO
Arch. Luis Rodrigues

CONJUNTO TURÍSTICO HOTEL MIRAMAR - FUNCHAL
S.C. Soares Da Costa

HOTEL SERRA DA ESTRELA – GOUVEIA (2005)
Arch Luis Sousa Lopes

AEROPORTO – MEDAS BEER, CAFÉ CAFÉ E FOOD GALLERY – PEDRAS RUBRAS – PORTO (2005)
G.A.C. 3000

EMPREENDIMENTO PRAIA DA LUZ – LAGOS – ALGARVE (2005)
Pórtico

HOTEL RURAL CASA DA TAPADA – AMARES (2006)
Paulo Borges, Escritório De Arquitectura, Lda

HOTEL QUINTA DO LOUREIRO - SAMODÃES – LAMEGO (2008)

HOTEL GUESTHOUSE – PORTO (2008)
Pedra Líquida, Lda

HOTEL DAS ANTAS – PORTO (2008)
Sousa Marques Engenharia, Lda

HOTEL INFANTE SAGRES – PORTO (2008)

HOTEL DAS ANTAS – PORTO (2008)
Sousa Marques Engenharia Unipessoal, Lda.

ADEGA QUINTA DO VALE MEÃO – VILA NOVA DE FOZ CÔA (2008)
Arch. Arnaldo Barbosa

ADEGA BARCA VELHA – VILA NOVA DE FOZ CÔA (2008)
Arch. Arnaldo Barbosa

HOTEL NA RIBEIRA – PORTO (2008)
Gauceme, Lda

HOTEL ROCHA SOARES – PORTO (2009)
Brandão Costa Lima

HOTEL AGUIA DOURO
28





Arch Rosário

HOTEL DE ÉVORA

Arch Rosário

HOTEL LISBOA

Arch Rosário

HOTEL DE PARIS

Arch Pilar

HOTEL THIQAR – PORTO

Agence d'architecture A. Bechu et associés

HOTEL MOSUL - ISTAMBUL

Agence d'architecture A. Bechu et associés

HOTEL AL ZAWRAA - IRÃO

Agence d'architecture A. Bechu et associés

HOTEL DE MOÇAMBIQUE Maputo Bay_FACIM

Arch Valssasina

HOTEL ROSA ARAÚJO-LISBOA

Arch Valssasina

HOTEL TERMINUS MALANGE

Arch Rosário

PALACETE SANTA CATARINA

Arch Teresa Nunes Ponte

HOTEL NACALA PLAZA MOÇAMBIQUE

HOTEL NACALA BEACH MOÇAMBIQUE

HOTEL RONCAO DÉL REY

Arch Vitor Mestre

HOTEL MONT ROYAL

HOTEL DE MAPUTO

Arch. ADA URB

HOTEL DO BONJARDIM

FA Arquitetos

HOTEL DOS FERRAZES

Arch. Samuel Torres

HOTEL AVIZ

FA Arquitetos

HOTEL NH BATALHA

Arch. Sá Machado

HOTEL MOXY

Broadway Malyan Portugal

CASA DA COMPANHIA

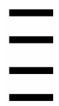
Arch. Pedro Gomes Fernandes

HOTEL SANTA CATARINA – PORTO

Arch. NN Arquitetura

HOTEL KOPKE - GAIA

Arch. José Carlos Cruz







Services

BANCO BARCLAYS | Avenida da Boavista
Arch. Alcino Soutinho

BANCO BORGES & IRMÃO | Agência de Torre de Moncorvo
Arch. Rui Pinto

BANCO DE PORTUGAL | Braga
Arch. Tentugal

BANCO DE PORTUGAL - 2º FASE | Av. da Liberdade, Porto
Arch. Alcino Soutinho

BANCO ESPIRITO SANTO E COMERCIAL DE LISBOA | Costa Cabral, Porto

BANCO FONSECAS & BURNAY/SEDE BPI | Sede do Porto (Smart Building – with data center)
Arch. Alcino Soutinho

BANCO PINTO & SOTTO MAYOR | Agência de Valongo
Arch. Maria do Carmo

BANCO PORTUGUÊS DE INVESTIMENTO | Centro de Cálculo, Boavista (with data center)
Arch. Rui Ramos e Arch. Paula Santos

BANCO SANTANDER | Braga, Funchal
Arch. Arnaldo Pimentel Barbosa

AGENCIA BANCARIA MATOLA – MAPUTO, MOÇAMBIQUE
Arch Gomes

BOLSA DE VALORES DO PORTO E PALÁCIO DA BOLSA | Porto (with data center)
Arch. Alcino Soutinho

CENTRO DE CÁLCULO DAS BOLSAS DE VALORES | Lisboa e Porto (with data center)
Arch. Rui Ramos e Arch. Paula Santos

CORREIOS E TELECOMUNICAÇÕES DE PORTUGAL | Cabeceiras Basto, Sto Tirso
Arch. Sérgio Secca

CORREIOS E TELECOMUNICAÇÕES DE PORTUGAL | Cucujães, Penela, Lamego
Arch. Tentugal

FARMÁCIA SANDIM | V. N. Gaia
Arch. Olga Araújo

SEDE DA COMPANHIA DE SEGUROS | Vitória (with data center)
Siemens - Portugal

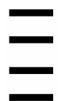
SEDE NORTE DO BPI | Porto (with data center)
Arch. Alcino Soutinho

UNIÃO DE BANCOS PORTUGUESES | Agência do Amial, Porto

BANCO DE MOÇAMBIQUE (with data center)
Arch Henrique Castro Amaro

MOÇAMBIQUE JAT 6
Arch Jorge Teixeira

APDL (with data center)



HUB Creativo do Beato - Lisboa

Arq. Ângela Maurice

PRIME ZEP - Porto

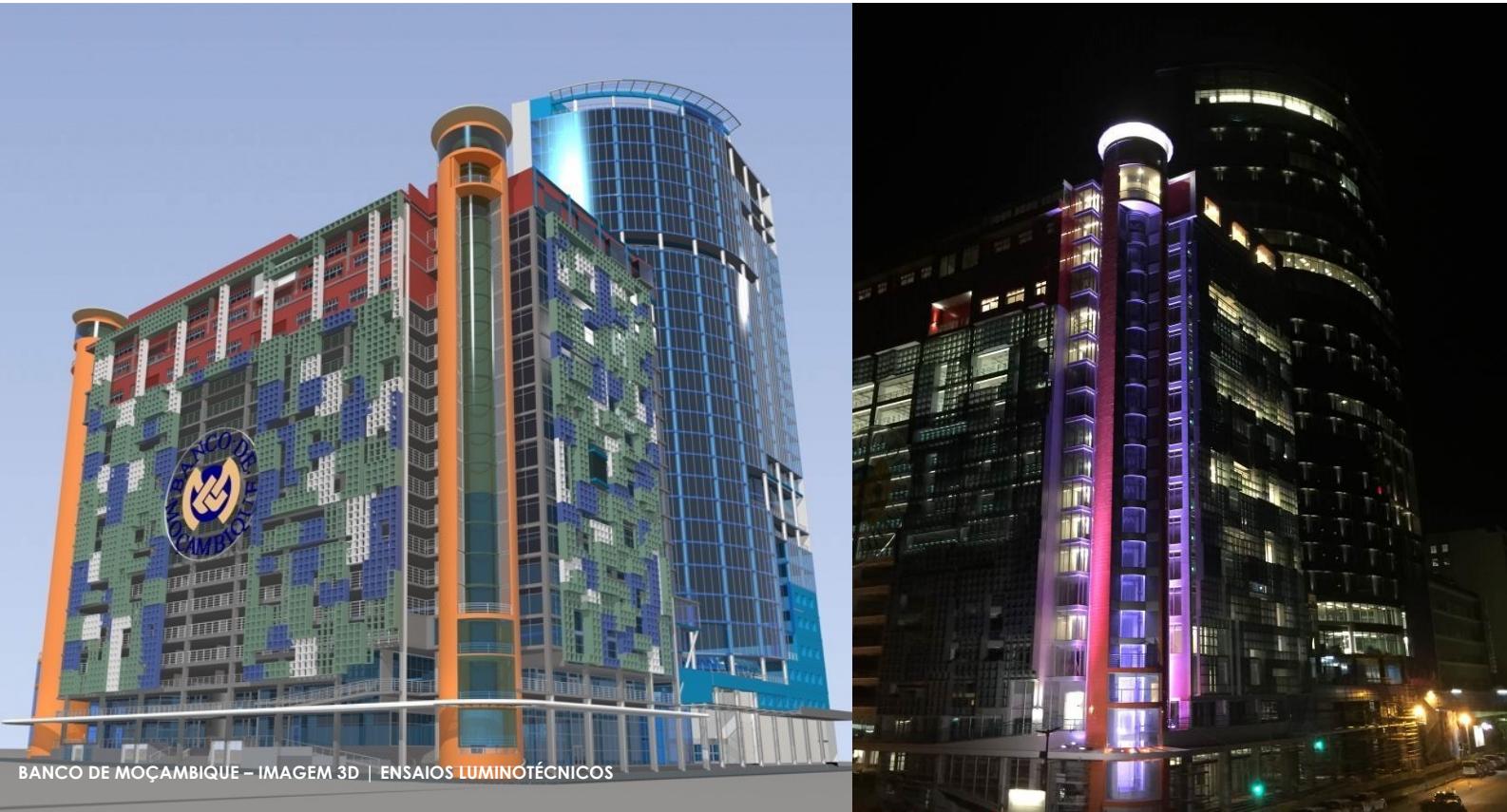
Arq. Mafalda Pericão

Hotel Royal S. Paulo – Évora

Arq. Ana Martins Guimarães

River Plaza – Porto

Architailors



Shopping malls



AMARANTE PLAZA CENTER | Amarante
Martifer

ARRABIDA SHOPPING | Vila Nova de Gaia (Rehabilitation)
Sonae

CENTERSTATION | Viana do Castelo (Rehabilitation)
Sonae

CENTRO COMERCIAL | Grécia
Sonae

CENTRO COMERCIAL CALDAS DA RAINHA | Caldas da Rainha
FDO

CENTRO COMERIAL FELGUEIRAS | Felgueiras
Martifer

CENTRO COMERIAL LEIRIA | Leiria
Martifer

CENTRO COMERCIAL M40 | Madrid
Sonae

CENTRO COMERCIAL COVILHÃ | Covilhã (Rehabilitation)
Sonae

COIMBRASHOPPING | Coimbra (Rehabilitation)
Sonae

FERRARA PLAZA | Paços de Ferreira
Martifer

FOURM PENAFIEL STADIUM | Penafiel
MULTI 37

FÓRUM THEATRUM CALDAS | Caldas da Rainha
FDO

FÓRUM THEATRUM MAIA | Maia
FDO

GAIART'S PLAZA CENTRUM | Vila Nova de Gaia
Consfly

GAIASHOPPING | Vila Nova de Gaia (Rehabilitation)
Sonae

GRAN PLAZA | Oliveira de Azeméis
Martifer

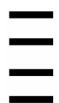
GRAN PLAZA | Tavira
Martifer

GUIMARÃESHOPPING | Guimarães (Rehabilitation)
Sonae

KALANDULA SHOPPING | Angola
GEG

LEIRIA SHOPPING | Leiria
Sierra Portugal

MAIA SHOPPING | Maia (Rehabilitation)
Sonae





PARQUE ATLÂNTICO | Açores (Rehabilitation)
Sonae

VIVACI | Beja
FDO

CONTINENTE BOM DIA | Several locations
SONAE

Industry and offices

ABB – NOVA SEDE | Barcelos
BIG Arquitectura

AMBAR – NOVAS INSTALAÇÕES | Porto
Arch. Alcino Soutinho

ANDREAS - INDUSTRIA DE SOLAS, LDA. | Canelas, Vila Nova de Gaia
Arch. Octávio Alves

AVIÁRIO DE S. JOSÉ | Gulpilhares, V. N. Gaia
Arch. Octávio Alves

BRITONS CARPETS | Vouzela
Arch. Rui Ramos e Arch. Paula Santos

CARBION PORTUGUESA | Serzedo, V. N. Gaia
Arch. Maria do Carmo

CENTRO DE INSPECÇÃO DE VIATURAS - AUTO-CHAVE MOR | V.N. Gaia
Arch. Zenha

COMPINOX – INDÚSTRIA DE INOXIDÁVEIS Lda. | V. N. Gaia
Torção

CUNHA BARROS | V. N. de Gaia
Arch. Octávio Alves

ESTAÇÃO LITORAL DA AGUDA - AQUÁRIO | V. N. de Gaia
Arch. João Paulo Peixoto

EURIMOBE – ESCRITÓRIOS | Porto
URBIS

EUROPAUTO – PEUGEOT | V. N. Gaia
Arch. Manuela Soutinho

FÁBRICA TÊXTIL "COPARTEX" - INDÚSTRIAS TÊXTEIS DE PORTUGAL, S.A. |
Castelo de Paiva
Arch. Armando Esteves

HONDA | Estrada Nacional, 222
Arch. Ilídio Bezerras

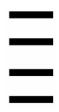
ICONORTE – ESCRITÓRIOS | Porto
Arch. Silva Garcia

INA- ROLAMENTOS DE AGULHA SCHAEFLER | Porto
Arch. Jorge Rodrigues

ITARION SOLAR | Vila do Conde
Arch. Fernando Sá

MASTERCAPITAL | Maia
Soconorte

MATADOURO - ALFREDO DA SILVA BARBOSA | Vila Nova de Gaia
Arch. Adolfo Soares



STI – FÁBRICA DE CERVEJAS



MERCADO ABASTECEDOR DO PORTO | Porto
Engil



STI – FÁBRICA DE REFRIGERANTES E ÁGUAS

STI – CENTRAL DE PRODUÇÃO DE ENERGIA – 40MVA – 15kV



MERGARDEN ACCENTURE | Maia
Soconorte

MOUREX, LDA. - FÁBRICA DE MARGARINA | Grijó
Arch. Manuela Soutinho

NOVAGESTE | Angola
Soares da Costa

OFICINAS LUSOLANDA - IVECO/PEUGEOT | Angola
Soares da Costa

ROLCAR, MITSUBISHI | Sta. Marinha, V. N. Gaia
Arch. Teodemiro Ferreira

SANJOTEC – NUCLEO I&D EMPRESARIAL | S. João da Madeira
Arch. Balonas

SOCONORTE - ESCRITÓRIOS | Maia
Arch. Silva Garcia

VESTIÁRIOS CABELTE | V. N. Gaia
Arch. Manuel Ventura

WIESE & KROHN, SUCR. | Lamego, Vila Nova de Gaia
Arch. Manuela Soutinho

YAZAKI SALTANO | Ovar (with data center)
Arch. Arnaldo Brito

STI | CENTRAL DE PRODUÇÃO DE ENERGIA 40MVA | Angola
Arch. Frederico Valsassina

STI | REDE DE DISTRIBUIÇÃO DO PARQUE INDUSTRIAL | Angola
Arch. Frederico Valsassina

STI | FÁBRICAS DE CERVEJA, REFRIGERANTES E ÁGUAS | Angola
Arch. Frederico Valsassina

INEOS ESTARREJA (with 2 redundant data centers)
RARCON

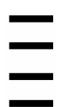
CAIXIAVE PRODUCTION FACILITY EXPANSION
TRYBA, S.A.

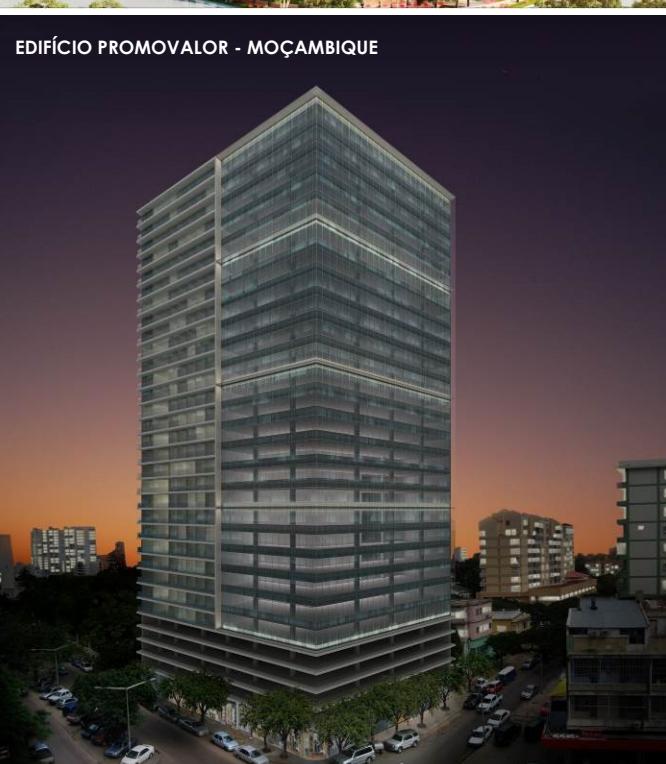
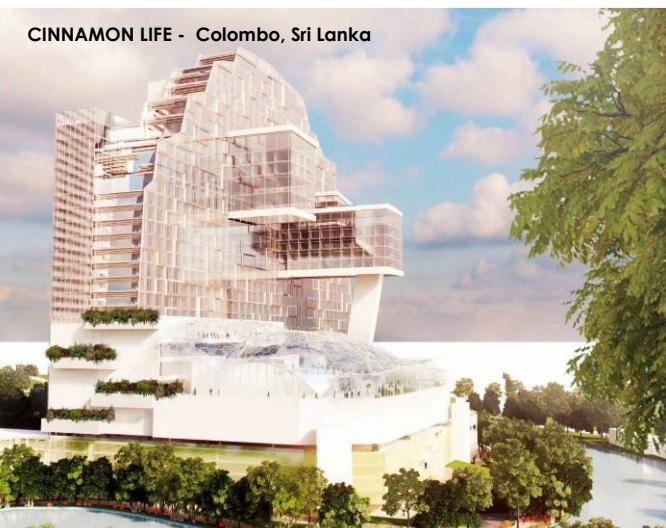


STI – EDIFÍCIO SEDE



STI – EDIFÍCIO COMERCIAL





Housing and others

BLOCO HABITACIONAL | Porto
Arch. Rafael Gaspar

CENTRAL DE CAMIONAGEM | Mogadouro
Arch. Cannatà & Fernandes

CIDADE COOPERATIVA DA PRELADA, UCRL (600 apartments) | Porto
Arch. Mário Moura

COMPLEXO COMERCIAL DE ÁGUEDA | Águeda
Arch. Vítor Carvalho

COMPLEXO MULTUSOS – ARRÁBIDA | Vila Nova de Gaia
Grupo AMORIM | Arch. Alcino Soutinho

COOPERATIVA – CHELOURO | Rua da Venezuela, Porto
Arch. Armando Esteves

COOPERATIVA DE HABITAÇÃO "HAZAL" (104 apartments) | Porto
Arch. Armando Esteves

COOPERATIVA SACHE – LOTE 5 | Matosinhos
Arch. Rogério Cavaca

EDIFÍCIO COMERCIAL E RESIDENCIAL - Quinta do Maraudi | V. N. Gaia
Arch. Arlindo De Sá

EDIFÍCIO DO SPORTING – MDC | Lisboa
Arch. Joana Cabral e Jorge Repolho

EDIFÍCIO DOURO | Rua Alvares Cabral, V. N. Gaia
Arch. Correia Fernandes

EDIFÍCIO HABITACIONAL | Rua da Torrinha, Porto
Arch. Bernardo Távora

EDIFÍCIO MARIMBA I e II | Angola
GEG

EDIFÍCIO PLATINIUM | Angola
GEG

EDIFÍCIO RESIDENCIAL E COMERCIAL | V. N. Gaia
Arch. Arlindo de Sá

EMPREENDIMENTO TURÍSTICO PINHAL D'ABERTA | Esmoriz
Arch. Pulido Valente

INSTITUTO DA HABITAÇÃO DA MADEIRA (400 Fogos) | Camacho
Arch. Nunes Ribeiro

PARQUE DE ESTACIONAMENTO | Campo da Vinha, Braga
Arch. Rafael Gaspar

PARQUE DE ESTACIONAMENTO DA TRINDADE | Porto
C. M. Do Porto; SOARES DA COSTA

URBANIZAÇÃO DE RAMALDE (1º FASE - 1540 Fogos) | Porto



Arch. João Baptista

VIVENDAS VÁRIAS | Portugal

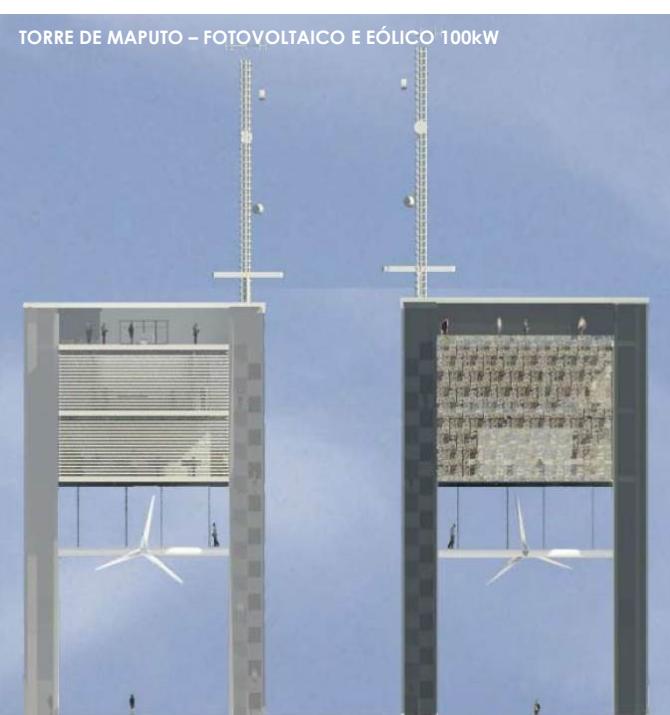
In collaboration with several architects, namely:
 Arch. Alcino Soutinho; Arch. Manuel Magalhães; Arch. Tentugal;
 Arch. Mário Moura; Arch. Fátima Fernandes; Arch. Cannatà & Fernandes; Arch. Sérgio Secca; Arch. Sérgio Mendes; Arch. Serôdio & Furtado Associados; Arch. Manuela Soutinho; Arch. Rapagão; Among others.



CENTRAL PRODUÇÃO CANIÇAL – 7MW



CENTRAL PRODUÇÃO SANTUÁRIO DE FÁTIMA 400kW



TORRE DE MAPUTO – FOTOVOLTAICO E EÓLICO 100kW

Renewable energies

INSTALAÇÕES FOTOVOLTAICAS CANIÇAL – 7MW | Madeira
 Electrical plant: 7MW

INSTALAÇÕES FOTOVOLTAICAS ALQUEVA | Alqueva
 Electrical plant: 150kW

INSTALAÇÕES FOTOVOLTAICAS SANTUÁRIO DE FÁTIMA | Fátima
 Electrical plant: 400kW

INSTALAÇÕES FOTOVOLTAICAS DE MIRALCAMPO | Espanha
 Electrical plant: 2MW

INSTALAÇÕES FOTOVOLTAICAS DE SEBAL | Coimbra
 Electrical plant: 2MW

INSTALAÇÕES FOTOVOLTAICAS TENSAI | Estarreja
 Electrical plant: 1MW

INSTALAÇÕES FOTOVOLTAICAS BORRALHO & MATOS | Aveiro
 PV self-consumption: 36kW

INSTALAÇÕES FOTOVOLTAICAS ÉLIO NÁUTICOS | V.N. Gaia
 PV self-consumption: 8kW

INSTALAÇÕES FOTOVOLTAICAS SANTOS CAMISEIROS | Aveiro
 PV self-consumption: 31,2kW

INSTALAÇÕES FOTOVOLTAICAS FUNDIVEN | Águeda
 PV self-consumption: 451,3kW

INSTALAÇÕES FOTOVOLTAICAS PORTO DE AVEIRO | Aveiro
 PV self-consumption: 52 kW

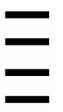
INSTALAÇÕES FOTOVOLTAICAS PORTO DA FIGUEIRA DA FOZ | Figueira da Foz
 PV self-consumption: 26kW

INSTALAÇÕES FOTOVOLTAICAS MARCABO | Matosinhos
 PV self-consumption: 270kW

INSTALAÇÕES FOTOVOLTAICAS AUTORIBEIRO | V.N. Gaia
 PV self-consumption: 200kW

INSTALAÇÕES FOTOVOLTAICAS E EÓLICA TORRE MAPUTO |
 Moçambique
 PV self-consumption: 100 kW

INSTALAÇÕES FOTOVOLTAICAS RUI AZEVEDO | Maia
 PV self-consumption: 25kW



5 | AWARDS

Prémio "Arquitectura Sustentável" Fassa Bortolo

Concreta 2004 | Exponor

Awarded by the Faculty of Architecture of the University of Italy



Casa DST – Exponor 2004



Casa CAPA – Exponor 2004



SELF-SUSTAINABLE MODULES

The "Sustainable Architecture" prize is born out of the desire to reward architecture that knows how to relate in a balanced way with the environment, that is designed to meet the needs of Man and able to satisfy, at the level of resource consumption, the needs of current generations without limiting those of future generations.

In these houses were incorporated systems of photovoltaic panels on the roof, with a power of 2.2 KW and autonomy of 72 hours. The power management and control system is carried out by EIB.



DRAGON'S STADIUM – F. C. PORTO

GREENLIGHT 2004 Award

Frankfurt 2004

ESTÁDIO DO DRAGÃO | FUTEBOL CLUBE DO PORTO

Created in 2000, "GreenLight" is a voluntary program whereby private and public organizations commit themselves to the European Commission to reduce their energy consumption in lighting, thereby reducing pollutant emissions.

Awarded in Frankfurt by the organization "Greenlight", this award honored the lighting project developed by LIGHTPLAN in Dragon's Stadium, by Architect Manuel Salgado, for the good results obtained in terms of energy efficiency.



Best Achievement 2010 Award

ECA (European Club Association) 2010



ESTÁDIO DO DRAGÃO | FUTEBOL CLUBE DO PORTO

In 2010, the European Club Association introduced the concept of the ECA Internal Awards. The purpose of these awards is to reward outstanding club performance, to congratulate and encourage the best performers, to support club management and to strengthen relationships between ECA member clubs.

The Dragon Stadium award was a result of the strong demand for sustainability on which the project was based, namely by:

- Awareness-raising to the community for environmental issues, through a series of advertising campaigns;
- Reduction of energy consumption;
- Increase of recycling rates and decrease in the amount of undifferentiated waste produced.

According to ECA, the success of the project can be evaluated through the following figures for the years 2006/07 and 2008/09:

- 10% reduction in energy consumption;
- 34% increase in waste separation;
- 23% reduction in the amount of undifferentiated waste produced.

IHRU Award – Honorable mention

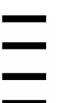
Instituto da Habitação e da Reabilitação Urbana, 2010



CASA JOVEM HABITAÇÃO E CONSTRUÇÃO | GUARDA

This award aims to distinguish works where there are notable concerns about the quality of the building and public space, the growing relevance of environmental and sustainability issues, the rehabilitation and adaptation to new functionalities of built properties, the integrated rehabilitation of urban areas and the deepening knowledge in these domains.

Created by Álvaro Siza Vieira and António Madureira, this project included our company's project in the areas of electricity, security and telecommunications, where the principles of sustainability and energy efficiency are the dominant brand.



Nuno Teotónio Pereira Award (IHRU)

Tourism

Instituto da Habitação e da Reabilitação Urbana, 2018



VERRIDE PALÁCIO SANTA CATARINA | LISBON

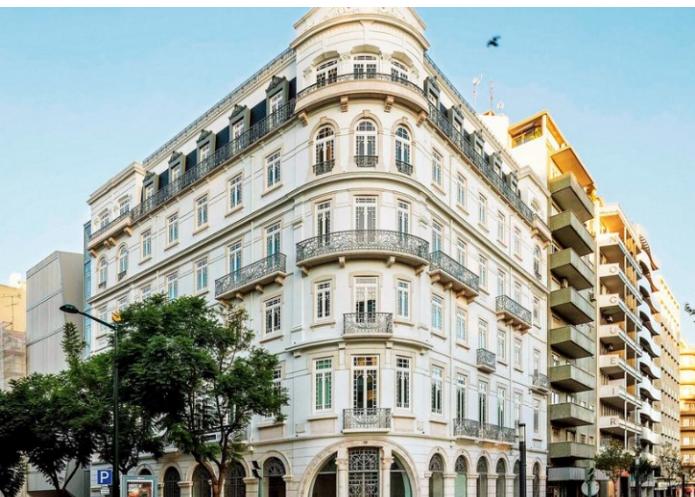
With this initiative, the IHRU awards the exemplary urban rehabilitation actions and distinguishes the revealing results of the technical field leading to the practice of good practices. It is intended for all public or private entities that have promoted urban rehabilitation interventions in any of the following variants.

The Verride Palácio Santa Catarina, a building dating back to 1750, which opened its doors in 2017 in the viewpoint of Santa Catarina, was completely restored, maintaining the old moth and some details, such as the spiral staircase at the entrance, facade and arch in stone of the Arch suite, already discovered with the works, and the blue tiles of the Queen suite bathroom.

Nuno Teotónio Pereira Award (IHRU)

Residential project, Lisbon construction site, Structural rehabilitation

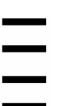
Instituto da Habitação e da Reabilitação Urbana, 2018



REPÚBLICA 37 | LISBON

Still in 2018, the OHM-E + LIGHTPLAN Group saw another of its projects being awarded, this time in 3 categories simultaneously, Residential Project, Work in the city of Lisbon and Structural Rehabilitation.

The reconstruction of Republic 37 was led by Engi, a Chinese-owned company, one of the first to invest in the country, investing € 7 million in the works that transformed it into 27 luxury apartments.



Nuno Teotónio Pereira Award (IHRU)

Tourism

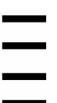
Instituto da Habitação e da Reabilitação Urbana, 2019

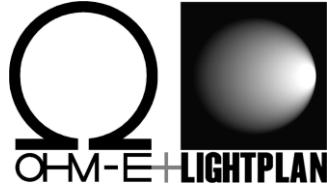


LE MONUMENTAL PALACE HOTEL | PORTO

For the third consecutive time in the recent history of the Nuno Teotónio Pereira award, the OHM-E + LIGHTPLAN Group sees one of its winning projects, this time in the city of Porto.

Le Monumental Palace is the premiere of the french Maison Albar Hotels in Portugal. It opened in November 2018, opening doors to Avenida dos Aliados. It arises from the reconversion of a neoclassical building by the Italian architect Michelangelo Soá. Today it is a 5-star boutique hotel with 63 rooms and 13 suites, as well as a Spa, three dining areas and a library. The reconversion was the responsibility of Mystic Invest, who did the works led by businessman Mário Ferreira.





III - CONTACTS

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