

2023

LARC

*Corporate Book*



# Foreword

**ARC** International Design Consultants offers a 'one stop shop' service with expert focus on complex projects' planning and design.

Already with a strong portfolio in Europe, Middle East and Africa, our vision is to be at the forefront of international design.

- > Designing projects of increasing scale, with huge social impact
- > Working across multiple regions, markets and sectors
- > Part of the world's most ambitious future projects

Our multi-disciplinary team, based in London and Lisbon, draws from a wealth of experience across all sectors to create engaging spaces, venues and communities that are well considered, pleasurable and future oriented.

At the core of our philosophy is the belief that each client and every project requires an exceptional solution in a unique context.

Our experience and knowledge of international best practice, design trends and technology offers strategic insight into complex projects' design and investment. Through strategic planning and design, our team can deliver places that improve the quality of life of those that use them and are better prepared to face future challenges.

Please contact us if we can assist you in an advisory or design role:  
**[arc-idc@arc-idc.com](mailto:arc-idc@arc-idc.com)**





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01.

# **Our Approach**

# Our Approach

*Delivering exceptional results through our 'one-stop shop' approach*

## OUR 'ONE-STOP SHOP' APPROACH

Our multi-disciplinary design team based in London and Lisbon serves a portfolio of projects spanning Europe, the Middle East, Asia and Africa.

Offering an integrated 'one stop shop' approach to our clients, at ARC's core is a carefully selected and diverse team of specialists with expertise in a wide range of services and sectors. ARC has a successful track record of designing complex projects across multiple and challenging markets and all project stages.

In its mission, ARC aspires to excellence and to assert itself as an international reference in design. To this end, ARC promotes talent and research and development to achieve the maximum potential in your projects.

We seek to identify our clients' real needs, not just deliver good work. At the core of our philosophy is the belief that each client and every project requires an exceptional solution in a unique context. We work in partnership with our clients to provide personalized solutions that meet and exceed their expectations.

We measure our success by our clients' success. Our specialist knowledge and expertise in best practice offers strategic insight in design, operation and investment. We are committed to adding value for our clients, by delivering competitive advantage, performance results and bottom line impact.



## OUR VISION

*Our vision is to inform the future evolution of design*

- > By striving for excellence;
- > By aspiring to be recognized leaders in our field;
- > By facilitating our clients' utmost success

## OUR MISSION

*Our mission is to exceed our clients aspirations*

- > To create unique, tailor made solutions;
- > To work in partnership with our clients;
- > To provide culturally sensitive solutions;
- > To achieve sustainable, high quality results

# Our Team

*Great things in business are not achieved by one person alone, they are achieved by a team of outstanding people.*

Our daily lives and experiences are shaped and influenced by the places in which we live, work and play. Well-designed places improve the quality of life of those who use them and create a sense of local identity and community. We approach design from a holistic perspective, that ensures that the urban design, landscape, infrastructure and architecture blend seamlessly, creating that identity and sense of place.

We are proud to be a close, talented international team that is committed to excellence and continual development. We take inspiration from the local

vernacular to interpret the heritage, culture, form and materiality of the region to establish a concept and aesthetic that respects and compliments the setting.

ARC is involved in some of the world's most ambitious future projects; designing projects of increasing scale and huge social impact for many high profile clients. We strive to be on the leading edge of research, trends, technology and best practice in design around the world. Our vision is to inform the future evolution of Design and aspire to be recognized leaders in our field.

## OUR SERVICES

- › *Masterplanning*
- › *Medical planning*
- › *Architecture*
- › *Interior design*
- › *Landscape design*
- › *Signage & Wayfinding*
- › *Graphic Design*
- › *Lighting Design*
- › *Visualizations*
- › *BIM*
- › *Technical Advisory*

## OUR SECTORS

- › *Masterplans*
- › *Healthcare*
- › *Hospitality*
- › *Residential*
- › *Education*
- › *Entertainment*
- › *Cultural*
- › *Commercial & Offices*
- › *Laboratories*
- › *Industrial*

**PATRÍCIA LIMA***Operations Manager*

19 years' experience as Team Leader in charge of fast-track projects. Now focussed on managing ARC Operations

**AMY PORTEOUS***Director of International Projects*

With 17 years' experience in large scale and complex healthcare developments.

**JOÃO CRUZ NEVES***Head of Architecture*

Goal-driven leader with 22 years of experience, leading large teams and complex projects.

**VASCO CARVALHO***Design Director*

Over 20 years' experience with successful track-records in design and technical solutions.

**PEDRO GARGATÉ***Healthcare Design Manager*

With 18 years' focussed on healthcare architecture and medical planning.

**TINA VARELA***Landscape Design Manager*

Over 15 years' experience in landscape design and project management.

**GRZEGORZ ZIMNICKI***Senior Masterplanner*

30 years' experience in designing projects around the globe.

**ANNA ADEBAYO***Interior Design Manager*

Over 25 years' experience, leading international interior design projects.

**CLAIRE HAMILL***Lead Lighting Designer*

Over 14 years of experience in interior and lighting design, 40 Under 40 award winner.

# Our Global Presence

ARC serves a project portfolio that spans the globe, from our offices in London and Lisbon.

We work with local partners in all regions that we work to deliver world class designs tailored to local requirements, heritage and culture.

Our multi-disciplinary team of specialist designers draws from international experience and expertise across all sectors.

We are a growing team, with plans to continue to invest in our team in 2023 and further increase our global portfolio.



Office Location



Project Location





# Our Commitment & Core Principles

*Our core principles guide us in our work to achieve exceptional results in any context.*

It is critical that the spirit and intent are not lost during the planning, implementation, or operational phases of a project. To this end, ARC has defined a series of core principles and associated commitments that create an ideal framework for achieving our vision and mission:

## LEARN FROM EVIDENCE-BASED DESIGN

- > Follow best practice in evidence-based design;
- > Learn from literature and scientific studies;
- > Utilise the client's accumulated data and evidence

## CREATE USER CENTERED FACILITIES

- > Design with the user's perspective in mind;
- > Develop and maintain an environment that is inviting, comfortable and sensitive to diversity;
- > Improve environment with design features;
- > Create an atmosphere that embraces healthy lifestyles, consumer needs and reflects the diverse needs of the region

## BE FORWARD-THINKING

- > Improve environmental impact through 'green' or sustainable design, construction, operation and maintenance;
- > Incorporate state of the art technology;
- > Be proactive in thinking and embrace innovation;
- > Be aware of and embrace new design trends;
- > Be aware of disruptive trends and identify future paths for design;
- > Consider the life cycle impact on the asset

## BE RESOURCE EFFICIENT

- > Build and promote partnerships that improve effectiveness and efficiency;
- > Maximize cost effectiveness and use available resources;

- > Use technology as a tool to improve cost effectiveness and efficiency;
- > Maximize the potential of space through efficient design and shared usage;
- > Ensure the seamless integration of services;
- > Design for operational efficiency and performance

## DELIVER AN INTEGRATED SERVICE

- > Follow our holistic approach;
- > Provide a comprehensive service;
- > Collaborate fully with our one-stop shop team throughout the project lifecycle;
- > Collaborate fully with the client and stakeholders

## BE AT THE LEADING EDGE OF R&D

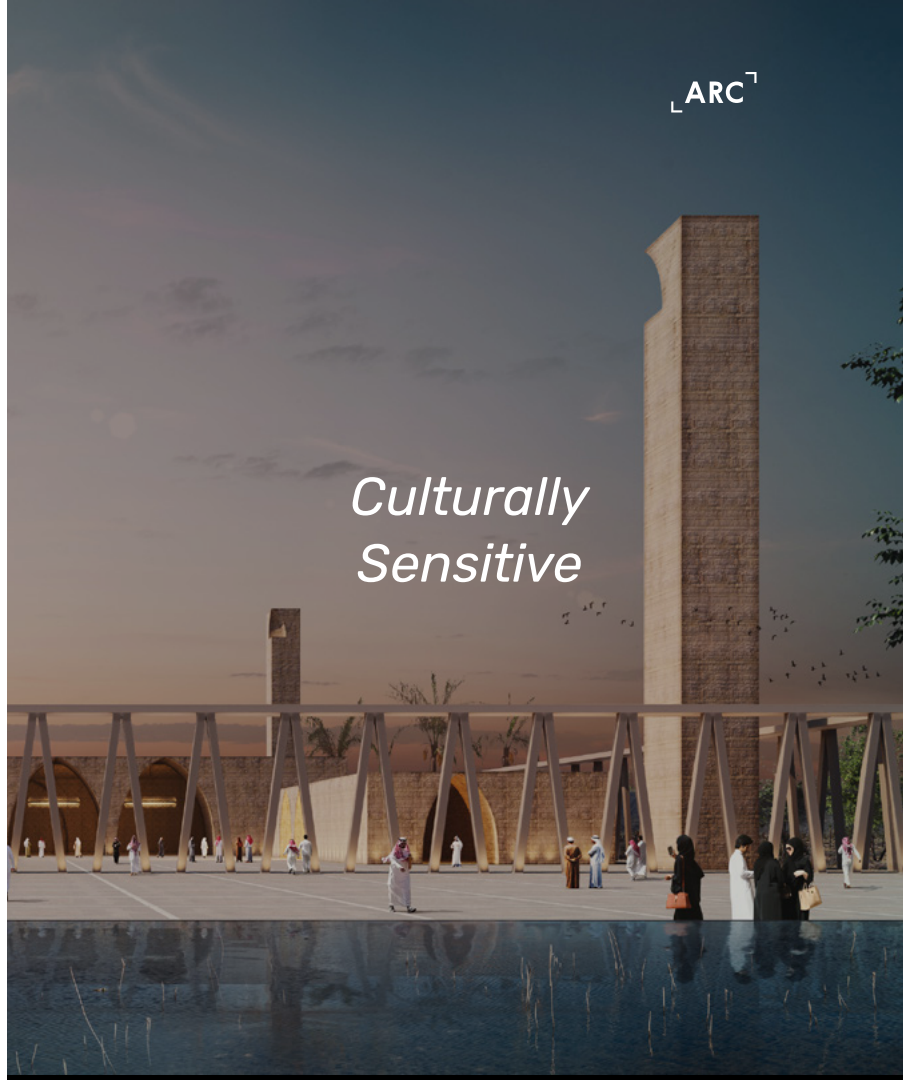
- > Develop and apply integrated resources;
- > Ensure the effective exchange of information;
- > Share technology, knowledge and services;
- > Aim for continuous learning and development;
- > Produce new knowledge;
- > Foster talent and support training;
- > Engage in continuous professional development focused on quality improvement, innovation, and achieving optimum results;
- > Strive to be on the leading edge of Research and Development

## ADD VALUE AND STRIVE FOR EXCELLENCE

- > Adopt best practices and aspire to be the best in our field;
- > Be open to new ideas and creative solutions;
- > Ensure that every decision is objective and adds value to the overall investment;
- > Remain user focused and have the courage to do what is necessary to achieve the project vision;
- > Maximize the potential of the asset.



*Best Evidence  
Based Design*



ARC

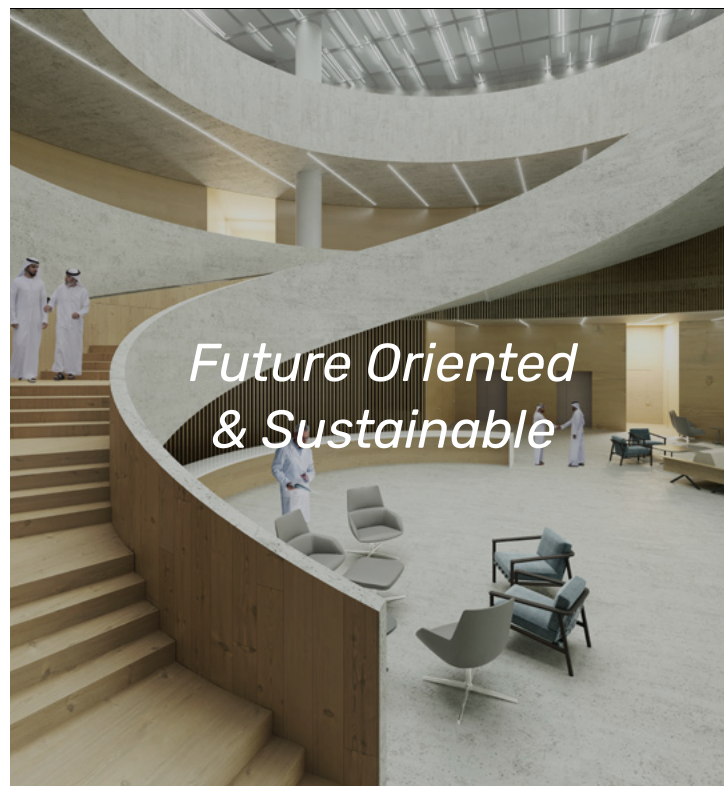
*Culturally  
Sensitive*



*Unique  
Landmark  
Spaces*



*Improve  
Quality  
of Life*



*Future Oriented  
& Sustainable*



*Respect Setting  
& Heritage*



*Human Centric  
Approach*



02.

# Knowledge



# Design Expertise

*In our fast-paced world, design trends are being redefined by the minute. Our position as designers is to adapt and embrace these changes in order to create a vibrant and diverse experience.*

## INNOVATIVE APPROACH

Innovative and inviting spaces elevate the sensory experience through activity, views, leisure and interaction. Our designs feature a variety of integrated functional spaces for learning, arts, culture, food, leisure and innovation, to augment the user experience.

We take inspiration from contemporary concepts and incorporate the latest design trends and technology while respecting the local vernacular and utilising local materials to achieve an authentic yet creative and futuristic design. We aim to create an intuitive and immersive experience and to create a memorable, interactive cultural experience.

It is essential in any complex development to prepare for change and consider sustainability and efficiency in design. We always design with flexibility and adaptability in mind - the needs of today are not the same as tomorrow. The implementation of modular construction or repeating elements and typologies facilitate benefits in terms of time, cost and ease of constructability and operation, while also unifying the architecture or public realm.

We also aim to optimise sustainable design solutions and create ecological relationships with the surrounding environment to facilitate long term benefits in resource and energy consumption as well as operational and environmental costs. Successful sustainable design relies on the integration of all disciplines designs.

## PLACEMAKING

We are recognised among our clients for our collaborative, relationship-led approach and our capacity to produce exceptional work. We work closely with our clients to develop their vision and to create a story of the place and concept that involves local engagement and the local history.

New landmark developments offer an opportunity to create a new identity and destination, designed to elevate the urban lifestyle. The architectural quality and identity along with plazas for events, entertainment, learning, innovation, arts, culture, food and leisure help to bring people together and create a sense of place.



## AR / AI / Technology

Augmented reality, artificial intelligence are expected to be integral to any forward thinking development



## Brand Culture

Brands work to create culture to match consumers' values, resulting in greater influence over their spaces



## E-commerce / Social shopping

Opportunity for the fusion of e-commerce and retail experience powered by social media interaction



## Intergenerational

Intergenerational areas and family friendly areas



## Quality

Quality of spaces and features elevate the experience and help create memorable experiences




## Entertainment

Integration of entertainment and experience areas



## Indoors Comfort

Well designed interiors and social areas, adapted to ease mobility or different visitors and special needs



## Emotion

Design that creates emotions and surprise in the visitors and stimulates the 5 senses



## Gastronomy

A wide range of gastronomic offer, in order to satisfy the different visitors



## Outdoors Comfort

Well designed exterior spaces, with a straight connection with the commercial spaces and natural light and views



## Adaptability

Spaces designed with the ability to adapt to the different needs of the visitors, commercial areas or events



## Sustainability

Rethinking what the future holds in terms of energy, life cycles and cultural change.

# Design Process

*The importance of new technologies and tools in support the design process and their impact on the final design outcome.*



*Conventional*

## TRADITIONAL 2D DOCUMENTATION PROCESS, NON-INTEGRATED DESIGN PROCESSES

- > Time consuming;
- > Design changes require manual update in all documents;
- > Prone to error and uncoordinated design



*BIM 3D / 4D / 5D / 6D*

Building Information Modeling,  
virtual construction of the building.

### BIM 3D

- > Elements represent physical objects;
- > Integrated documentation process;
- > Live Clash detection, information model

### BIM 4D

- > Construction sequence and time;
- > Site planning;
- > Building Feasibility studies

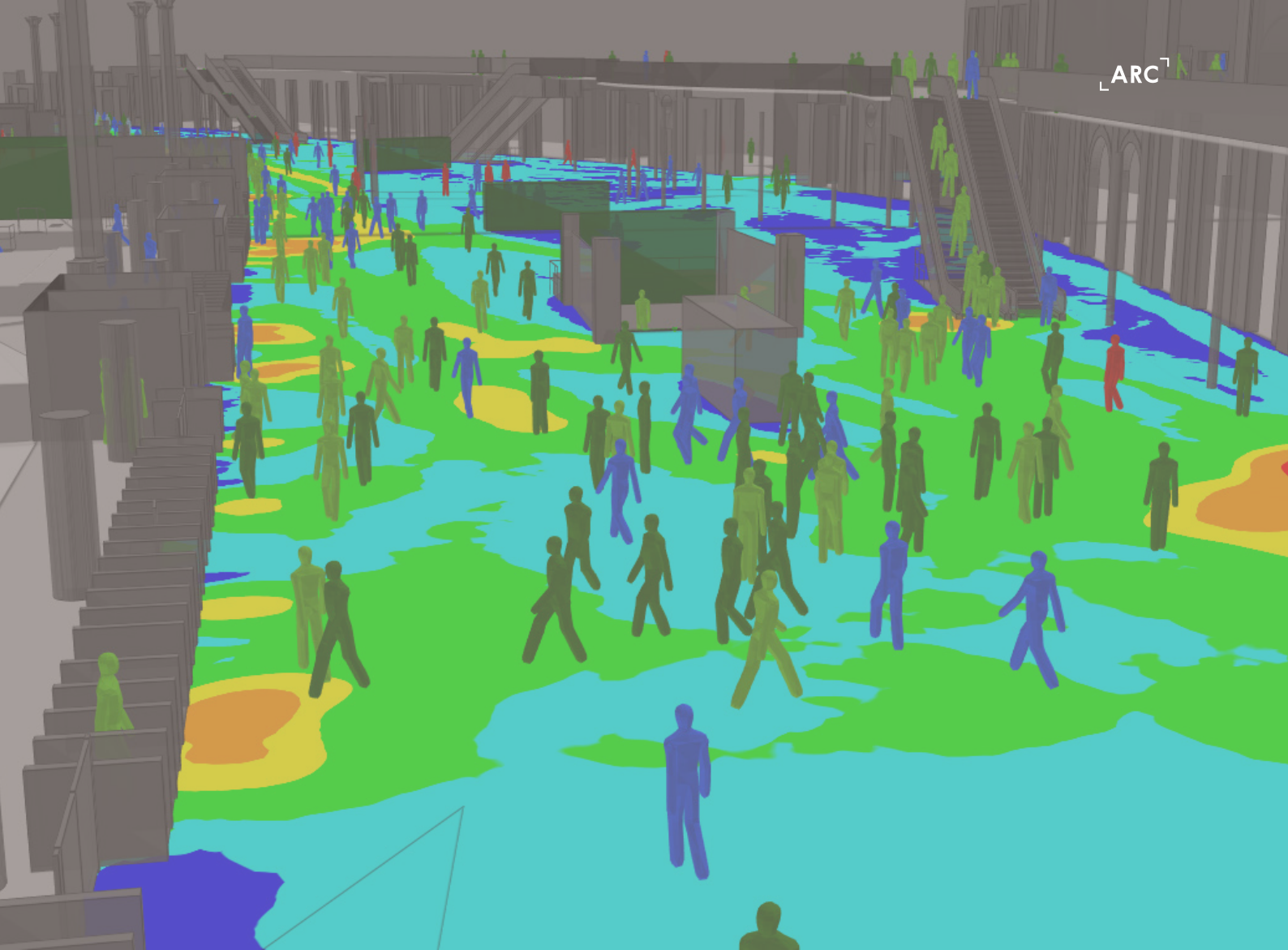
### BIM 5D

- > Preview capital cost (acquisition);
- > Anticipate running costs (maintenance);
- > Anticipate Replacement costs

### BIM 6D

- > Project life-cycle info management;
- > Facilities management data





## *Evidence Based Design*

Evidence based design inputs, informed decisions lead to building optimization. The digital connected world has brought access to outstanding amounts of information: increasing computational capacity allows to us process all this data and make informed decisions.

### **BIG DATA**

- > Building Certification;
- > Integral recognition;
- > Accumulated Experience;
- > Positive Outcomes;
- > Hospital Reports;
- > Government Reports;
- > International Databases;
- > International Reports;
- > Demographics;
- > Weather

## *Performance Based Design*

Design optimization and automation. Scenarios simulation and evaluation. While development of algorithmic computation and artificial intelligence processing power has allowed the appearance of high performance design tools.

### **PARAMETRIC**

- > Automated design
- > Iterative changing model
- > Response to environment changes

### **ALGORITHMIC DESIGN**

- > Quantitative efficiency;
- > Design optimization through automated iterations study

### **EVOLUTIONARY ALGORITHMIC DESIGN**

- > Smart algorithms that adapt to different scenarios;
- > Faster and accurate outcomes;
- > Self-created algorithms



03.

## **Selected Projects**



# King Faisal Medical City (KFMC)

ABHA, SAUDI ARABIA  
2016



\* Hospital design & visualisations by HDR.



Development of the masterplan to encompass all the housing, public amenities and buildings that compose the Medical City. The arrangement seeks to address the necessary zoning, proximities and circulation segregation, while guaranteeing a healthy environment where public spaces and private residential areas co-exist; social integration is promoted and a sustainable ecosystem can strive.

**PROJECT  
DESCRIPTION**

Housing and  
Non-Medical Buildings

**AREA**

459,150 sqm (BUA)  
1,073,400 sqm  
(Site Area)

**DESIGN  
ASSIGNMENT**  
Concept to Tender  
Design

**CLIENT**  
Ministry of Health,  
Saudi Arabia

**PROFESSIONAL SERVICES**

Masterplanning, Architecture,  
Interior Design, Landscape Design





# Prince Mohammed Medical City (PMMC)

AL JOUF, SAUDI ARABIA  
2016



\* Hospital design & visualisations by HDR.



Development of the masterplan to encompass all the housing, public amenities and buildings that compose the Medical City. The arrangement seeks to address the necessary zoning, proximities and circulation segregation, while guaranteeing a healthy environment where public spaces and private residential areas co-exist; social integration is promoted and a sustainable ecosystem can strive.

**PROJECT  
DESCRIPTION**

Housing and  
Non-Medical Buildings

**AREA**

374,566 sqm (BUA)  
890,071 sqm (Site Area)

**DESIGN  
ASSIGNMENT**  
Concept to Tender  
Design

**CLIENT**  
Ministry of Health,  
Saudi Arabia

**PROFESSIONAL SERVICES**  
Masterplanning, Architecture,  
Interior Design, Landscape Design





# Dialysis Centre & Outpatient Clinics

RIYADH, SAUDI ARABIA  
2022





**PROJECT**

**DESCRIPTION**

Dialysis Centre &  
Outpatient Clinics  
with 30 dialysis  
rooms and 30 clinics

**AREA**

4,400 sqm (BUA)

**DESIGN**

**ASSIGNMENT**

Pre-Concept to  
Schematic Design

**CLIENT**

Confidential

**PROFESSIONAL SERVICES**

Masterplanning, Medical  
Planning, Architecture, Interior  
Design, Landscape Design, BIM,  
Visualizations



# A Coruña University Hospital Complex

CORUÑA, SPAIN  
2021





As a result of multiple extensions throughout the years, the University Hospital Complex of A Coruña is today a built complex that reveals various functional and spatial failures. The proposal for renovation and expansion seeks to resolve all functional aspects and care strategies, without losing sight of the importance of the 1500 bed hospital as a landmark public building. The design creates a modern, flexible hospital, integrated in the city, generating spaces for the public and promoting a healing environment in line with the latest patient care trends in health promotion and wellness.

*Shortlisted  
for World  
Architecture  
Festival  
Award*

**PROJECT  
DESCRIPTION**

Central Hospital,  
Renovation and  
Expansion

**AREA**

250,000 sqm (BUA)

**BEDS**

1,500

**DESIGN ASSIGNMENT**

Concept Design Competition

**CLIENT**

Xunta de Galicia, Consellería de  
Sanidade / Servizo Galego de Saúde

**PROFESSIONAL SERVICES**

Masterplanning, Medical Planning,  
Architecture, Interior Design,  
Landscape Design, Visualizations



# Clinica Europa

CASCAIS, PORTUGAL  
2018 (CONSTRUCTION COMPLETE)

**PROJECT  
DESCRIPTION**

Clinic refurbishment

**AREA**

4,300 sqm

**BEDS**

16

**DESIGN**

**ASSIGNMENT**

Concept to Detail  
Design and Technical  
Assistance during  
construction

**CLIENT**

Joaquim Chaves Saúde

**PROFESSIONAL SERVICES**

Medical Planning, Architecture,  
Interior Design, BIM, Visualizations,  
Technical Assistance



\* Photographs Courtesy of Joaquim Chaves Saúde





# Dr. Soliman Fakeeh Hospital

AL MADINAH, SAUDI ARABIA  
2019 (UNDER CONSTRUCTION)





The fully patient-centric policy of this client’s institution focused our design on providing the best possible patient experience for this 200 bed facility. Double height lobbies, natural light, green roofs and balconies integrated in the design create a ‘healing garden’ experience and soften the hospital look and feel. The hospital planning follows the latest trends in healthcare, considering personalization and a fully digital setup.

**PROJECT  
DESCRIPTION**  
General hospital

**AREA**  
65,743 sqm (BUA)

**BEDS**  
200

**DESIGN  
ASSIGNMENT**  
Pre-Concept  
to Schematic Design

**CLIENT**  
Fakeeh Care Group

**PROFESSIONAL SERVICES**  
Masterplanning, Medical Planning,  
Architecture, Interior Design,  
Landscape Design, Structural  
Engineering, BIM, Visualizations,  
Signage & Wayfinding



# Aranda del Duero Hospital

ARANDA DEL DUERO, SPAIN  
2019





A regional hospital located in the town of Aranda de Duero to serve the region of Castilla y León with a population of around 32,523 inhabitants. In urban terms, the hospital is expected to have a profound impact in the region. The aspiration of the project was to integrate an efficient, flexible and logical hospital with strategies for prevention and community support. The ambition to be a “hospital of reference” encouraged sophisticated design solutions targeting real benefits in the community and user experience.

**PROJECT  
DESCRIPTION**

General Hospital

**AREA**

42,000 sqm (BUA)

**DESIGN  
ASSIGNMENT**

Concept Design  
Competition

**CLIENT**

Ministry of Health,  
Spain

**PROFESSIONAL SERVICES**

Masterplanning, Medical Planning,  
Architecture, Interior Design,  
Landscape Design, Visualizations



# Medical Complex Ernest Lluch

VALENCIA, SPAIN  
2018

The Public Health Park has an important role to play in educating and promoting healthy lifestyle habits, in what can be seen as a mindset shift from illness to wellness. Open to the community and integrated in the urban fabric, the complex includes a long term rehabilitation hospital, outpatient, day care and educational facilities. The external gardens and roofs offer an invitation to the community, to be involved in a variety of healthy activities that promote health, integration and a change in habits.

**PROJECT  
DESCRIPTION**  
Medical Complex

**AREA**  
58,200 sqm (BUA)

**BEDS**  
150

**DESIGN  
ASSIGNMENT**  
Concept Design  
Competition

**CLIENT**  
La Conselleria de Sanitat Universal  
y Salut Pública

**PROFESSIONAL SERVICES**  
Masterplanning, Medical Planning,  
Architecture, Interior Design,  
Landscape Design









# Al Moosa Rehab and Long Term Care Hospital Building

AL-HASA, SAUDI ARABIA  
2018 (UNDER CONSTRUCTION)

## PROJECT

### DESCRIPTION

Rehabilitation and  
Long Term Care  
Hospital

### AREA

67,000 sqm

## BEDS

288

## DESIGN

### ASSIGNMENT

Detailed Design  
to Tender

## CLIENT

Al Moosa, Saudi Arabia

## PROFESSIONAL SERVICES

Interior Design

\* Architecture and render by HDR









# Private Farmhouse

SAUDI ARABIA  
2022

New build farmhouse with two main buildings comprising living quarters and a space for hospitality and pool facilities for entertaining guests.

**PROJECT  
DESCRIPTION**  
Residential

**AREA**  
2.000 sqm (BUA)

**DESIGN  
ASSIGNMENT**  
Pre-Concept to  
Schematic Design

**CLIENT**  
Confidential

**PROFESSIONAL SERVICES**  
Masterplanning, Architecture,  
Interior Design, Landscape Design,  
BIM, Visualizations







# Carcavelos Housing Complex

CASCAIS, PORTUGAL  
2019

**PROJECT  
DESCRIPTION**  
Residential

**AREA**  
9.500 sqm

**DESIGN  
ASSIGNMENT**  
Concept Design  
Competition

**CLIENT**  
Confidential

**PROFESSIONAL SERVICES**  
Masterplanning, Architecture,  
Interior Design, Landscape Design,  
Visualizations



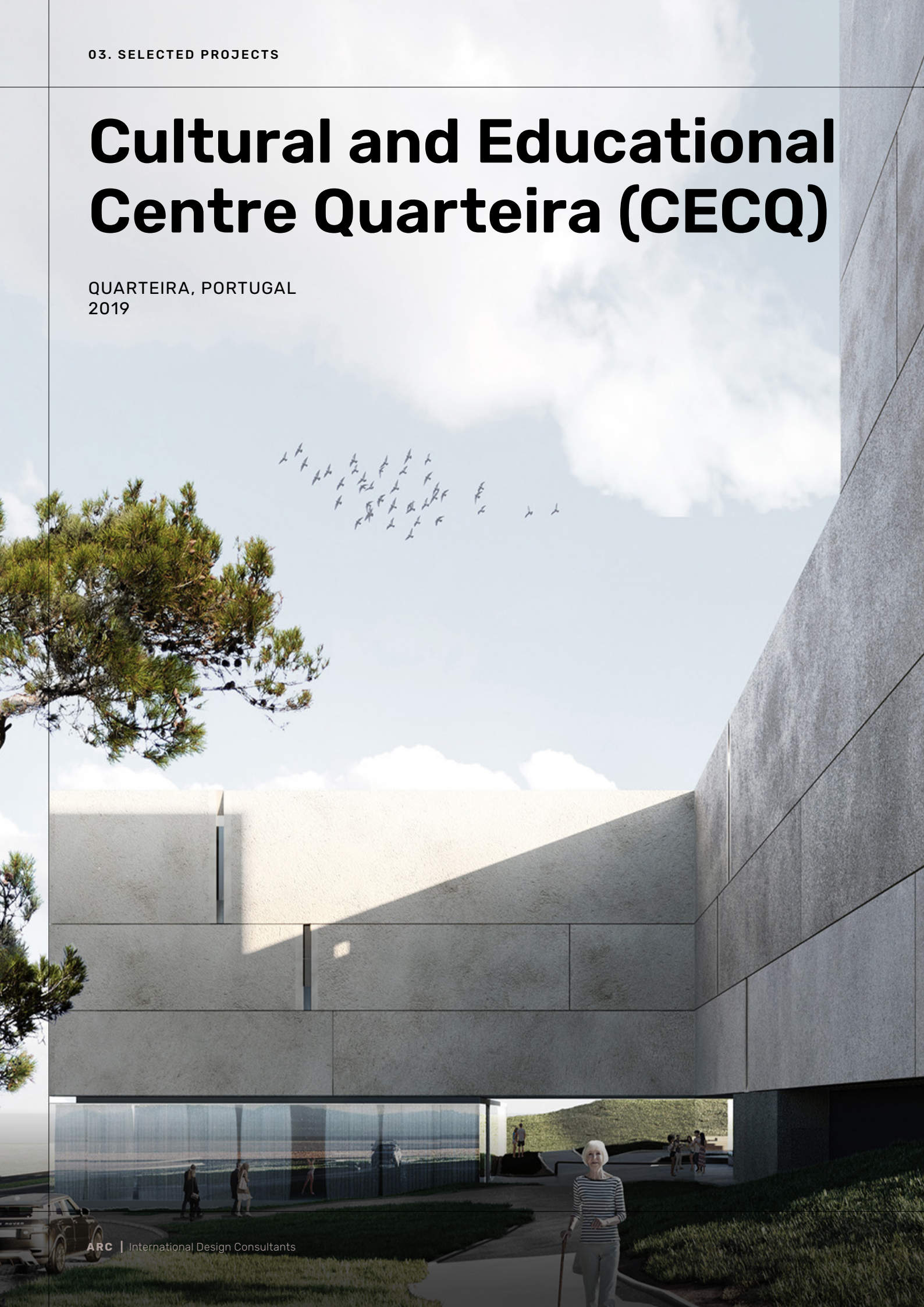






# Cultural and Educational Centre Quarteira (CECQ)

QUARTEIRA, PORTUGAL  
2019





With a total area of 8,000 sqm, this building creates a privileged space for leisure, education and cultural activities, including a state of the art auditorium.

**PROJECT  
DESCRIPTION**

Cultural

**AREA**

8,000 sqm (BUA)

**DESIGN  
ASSIGNMENT**

Concept Design  
Competition

**CLIENT**

Loule Municipality

**PROFESSIONAL SERVICES**

Masterplanning, Architecture,  
Interior Design, Landscape Design,  
Visualizations



# Praça do Rossio in Porto Salvo

PORTO SALVO, PORTUGAL  
2020



\* Render by CMO



Redevelopment of town square and public buildings to create a new heart of the town. The project includes redevelopment of the public realm including commercial, office, cultural and healthcare buildings.

**PROJECT  
DESCRIPTION**

Mixed Use

**AREA**

15,358 sqm (BUA)

**DESIGN  
ASSIGNMENT**

Concept to Tender  
Design & Technical  
Assistance during  
construction

**CLIENT**

Oeiras Municipality

**PROFESSIONAL SERVICES**

Masterplanning, Architecture,  
Interior Design, Landscape Design,  
BIM, Visualizations, Signage &  
Wayfinding, Technical Assistance



# São João do Estoril School

ESTORIL, PORTUGAL  
2022 (UNDER CONSTRUCTION)

This project involves the extension and alteration of São João do Estoril Secondary School, Cascais, Portugal. Interventions include the addition of a new sports pavilion, auditorium and library, while consolidating the original pavilion typology and its relationship with the parkland environment.

**PROJECT  
DESCRIPTION**

School refurbishment  
and extension

**AREA**

6,000 sqm (BUA)

**DESIGN  
ASSIGNMENT**

Concept to Tender  
Design & Technical  
Assistance during  
construction

**CLIENT**

Cascais Municipality

**PROFESSIONAL SERVICES**

Architecture, Interior Design,  
Landscape Design, BIM









# Punjab Agriculture, Food & Drug Authority Laboratories

LAHORE, PAKISTAN  
2018 (UNDER CONSTRUCTION)

The new PAFDA laboratories integrate the most advanced techniques to provide state of the art services to the entire region. Distributed across six floors, the labs are open plan and designed with flexibility and future upgrade in mind. Serving as a center for scientific research and collaboration, it houses a large 200 seat auditorium and conference rooms for the scientific community. Aside from technical areas, all spaces benefit from natural light filtered by a second shading facade.

**PROJECT  
DESCRIPTION**  
Laboratories

**AREA**  
29,657 sqm

**DESIGN  
ASSIGNMENT**  
Concept to Tender  
Design

**CLIENT**  
Infrastructure  
Development  
Authority of Punjab  
(IDAP), Pakistan

**PROFESSIONAL SERVICES**  
Masterplanning, Architecture,  
Interior Design, Landscape Design,  
BIM, Visualizations, Structural  
Engineering



\* Laboratory Planning by HKS









## **LONDON**

Unit 40, 167 City Rd, London  
EC1V 1AW, United Kingdom

## **LISBON**

Av. Ilha da Madeira, Block 35K - 4ªA  
1400-203 Lisbon, Portugal

**T** +351 211 521 177

**E** [arc-idc@arc-idc.com](mailto:arc-idc@arc-idc.com)

[www.arcidc.com](http://www.arcidc.com)



