

# HEALTHCARE SECTOR EXPERTISE

THOUGHT LEADERSHIP FOR THE BUILT ENVIRONMENT



# CREATING ENVIRONMENTS THAT FOSTER WELLNESS

At Alpin we understand that building a healthcare facility is no small undertaking, due to the high standards and meticulous requirements that they command. From 15 bed local clinics to 1000 bed regional hospitals, we have worked on a wide range of healthcare projects, to create environments that promote a sense of wellness and vitality. Our superior standards and our ability to scale up to meet any complex request has made Alpin one of the most trusted advisors in healthcare development in the region.

adapt and scale to meet even the most intricate of requirements. Our clients turn to us when they have mission critical projects, because we understand the complex elements it takes to ensure their success. From uncontaminated, pristine wards to operating theatres with high-end equipment, we relish the challenge of creating top grade facilities. We also have the utmost care for patients and strive to build environments that promote a sense of healthy relaxation and renewal.

to ensure your hospital development exceeds expectations. Plus, because we know your facility will evolve over time, from updating equipment to adding specialist services, our relationship with you does not stop once your doors are open. You can rely on Alpin to ensure your healthcare facility continues to outperform throughout its entire lifespan.

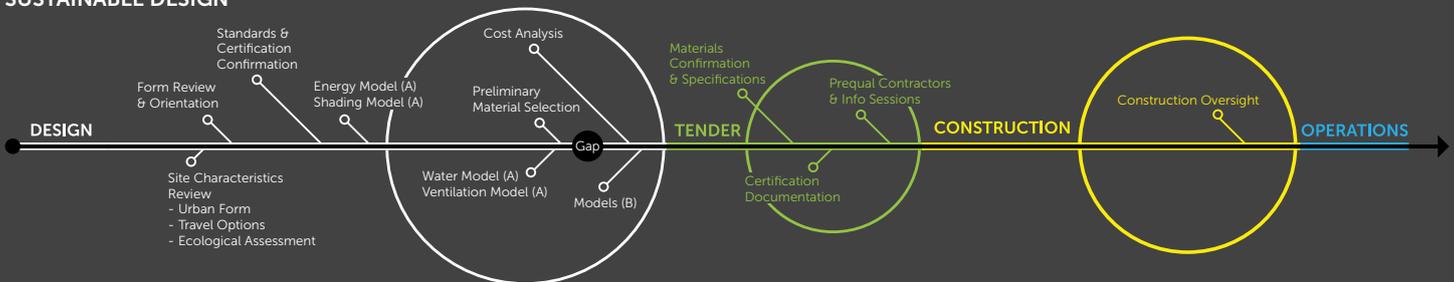
## THE ALPIN APPROACH

When it comes to developing world-class healthcare projects, our approach is unique. No other competitor has access to such a diverse team of experts that can

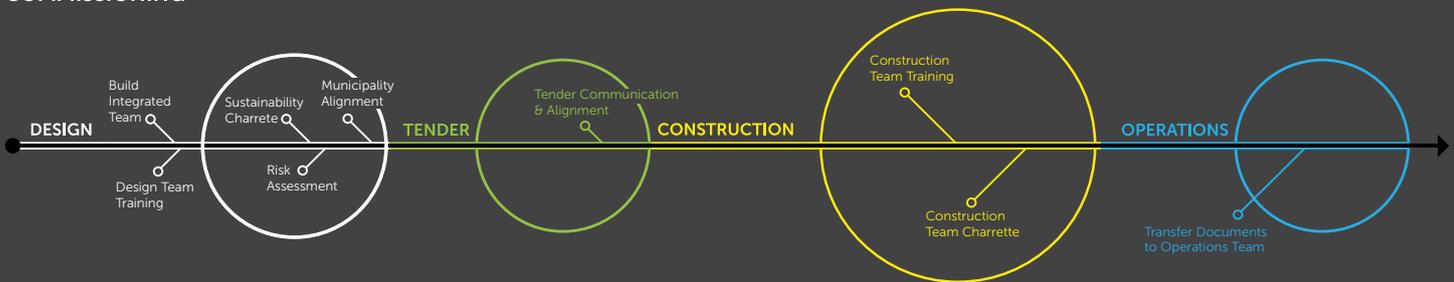
From the very start of a project, our BIM services help streamline development, while our commissioning services make sure every piece of expensive equipment is optimized. We work to the most stringent of health and safety standards including, SMACNA, ASHRAE and OSHPD,

# THOUGHT LEADERSHIP FOR THE BUILT ENVIRONMENT

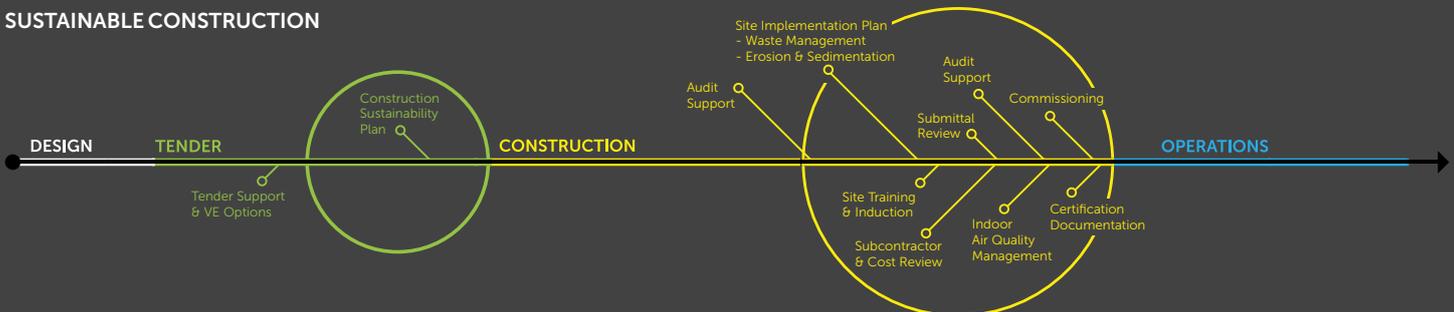
## SUSTAINABLE DESIGN



## COMMISSIONING



## SUSTAINABLE CONSTRUCTION



# HEALTHCARE AND HOSPITAL SERVICES

*“Since 2012, more than 750,000 volunteers in 73 countries have been involved.”*

## MORE THAN JUST A COMMITMENT TO OUTSTANDING DEVELOPMENT

At Alpin, we pride ourselves in delivering more than just high-level developments. Our commitment to our clients goes above and beyond the completion of a project. Our annual participation in Green Apple Day of Service is just one testament to this. This special initiative gives parents, teachers, pupils and companies like Alpin the chance to take part in a range of events that help transform schools into healthy, safe and productive learning environments. Since 2012, more than 750,000 volunteers in 73 countries have been involved.

## HEALTHCARE PROJECT SERVICES:

### CxA Commissioning

We understand hospitals are a major investment. Our commissioning service ensures that your expensive equipment and systems are fully optimized. We also independently oversee the MEP construction works to ensure that your built assets are free from harmful irritants such as grinding dust, volatile organic compounds (VOCs) and mould.

### BIM

We work with your design team to streamline fabrication with BIM which allows for a more logical design and construction process, thereby saving you time and money.

### LEED GBD+C, EBOM and Estidama Certification

Our certification service ensures your building is sustainability designed and meets green building objectives, therefore reducing the overall impact of the built environment on human health and the natural environment. We work under several regional, national and international certification systems to achieve these goals.

### Specialist Facilities Management Services

We adhere to international COBie standards to support your FM team in capturing of all the necessary equipment and system data for operations.

### ASHRAE CPMP Certified Professionals

We are in a unique position to have certified ASHRAE hospital commissioning professionals on our team. Due to the high degree of air quality that healthcare facilities require, our experts ensure your systems meet SMACNA and ASHRAE standards.



# HEALTHCARE PROJECTS THAT DELIVER RESULTS

Better Performing Buildings and Healthier Occupants

-  Improved staff retention of Doctors and Nurses
-  Decreased patient recovery times
-  Lower Energy and Water Usage
-  Improved new-born baby sleep schedules and advancement
-  Reduction in operating costs

# HEALTHCARE CASE STUDIES



In any significant construction project, there are many elements that must combine to ensure a development's success; from meeting intended operating procedures, to ensuring the entire journey is meticulously documented so that facilities management can take over after construction. Alpin confidently takes control of your facility from design and construction, to completion and beyond.

## TECHNICAL EXPERTISE

We work with superior caliber team members who have the competency, skills and experience to perform inspections, commissioning and startup at the highest of levels. Combine this with our patented technology/work flow process and you can rest assured that your development will be ready for operations without compromise.

## PROJECT MANAGEMENT

We provide the best in class team to assist in or fully define and execute independent advisory audits, commissioning, start-up and completions. We approach projects by combining the skills of our highly experienced personnel, with our proven and highly productive way of working. We also employ standard project management tools such as BIM asset tagging software, Primavera and Aconex.

## THE RESULT

**Better project outcomes, delivered on-time at lower cost.**

# HEALTHCARE CASE STUDIES



## AL GHAYATHI HOSPITAL

### CITY, UNITED ARAB EMIRATES

ESTIDAMA PBRS -TWO PEARL

2016

Ghayathi Community Hospital serves as a major hub in the region's expanding healthcare network. It features 50 patient beds, two operating rooms, an emergency department, dialysis unit and imaging center, as well as support services for all departments.

**Type of Project:** Healthcare

**Client:** Client: Health Authority Abu Dhabi (SEHA)

**Contractors:** Amana Buildings

Photo courtesy of SEHA

## SKMC HOSPITAL DIALYSIS CENTER

### ABU DHABI, UNITED ARAB EMIRATES

ESTIDAMA PBRS -TWO PEARL

2015

The SKMC Dialysis Center is part of the New Sheikh Khalifa Medical City Master Plan. An underground basement parking for 79 cars and surface parking for 76 cars will be provided for patients and visitors to the facility.

**Type of Project:** Healthcare

**Client:** Health Authority Abu Dhabi (SEHA)

**Contractor:** Al Fara'a General Contracting

Photo courtesy of Allen & Shariff



## BURJEEL MEDICAL CITY

### ABU DHABI, UNITED ARAB EMIRATES

ESTIDAMA PBRS -ONE PEARL

2017

The project will comprise of a 466 bed Hospital, Long-Term Care Facility, Long-Term Care Villas, an Administrative Building and a Mosque – all covering a ground floor area of 82,000m<sup>2</sup>.

**Type of Project:** Healthcare

**Client:** VPS Healthcare Group

**Contractor:** Commodore Contracting

Photo courtesy of AMS Project Development



## OUR TEAM

### Internationally Experienced

Our consultants have worked in nearly every region of the world. They represent five continents and between them speak eleven languages. Having lived and worked in different countries, they fundamentally understand the dynamics within and between markets. All of our consultants have hands-on emerging markets experience.

## HEALTHCARE TEAM LEADERS

### Jourdan Younis

Managing Director (American)

Jourdan continues to build a robust consulting firm known for its commitment to quality and professionalism. Jourdan holds an MBA from London Business School and a BSc in Construction Management from California Polytechnic. He takes great pride in making a positive impact in the cleantech industry, exceeding client expectations and making Alpin a truly exceptional organization to be part of.

### Rami Ghanem

Technical Operations Manager

Rami is a Mechanical Engineer who holds a Master's Degree in Building Services Engineering from Heriot Watt university Edinburgh UK with 11 years In Design, Supervision and Commissioning of Building services. He is deeply specialized in Commissioning, Energy Value Analysis, Renewable Energy Studies (Solar Cooling and Solar Heating) and has strong experience in project management and in electromechanical systems.

### Nareg Oughourlian

Strategic Consultant

Nareg is a Construction Professional with a background in Mechanical Engineering who has advised developers, consultants, and contractors on the integration of sustainability in the built environment. With extensive experience in Sustainability and Commissioning for the built environment, he is leading our business unit and to leverage our value added services to partners and clients while ensuring that Alpin's core values are reflected and manifested.

## CONTACT INFORMATION

### Abu Dhabi Office

Courtyard & Incubator Buildings  
@ Masdar Institute, Office 118,  
P.O. Box 135097, Masdar City,  
Abu Dhabi, United Arab Emirates

Tel: +971 2 234 6198

Fax: +971 2 234 6199

Email: [contact@alpinme.com](mailto:contact@alpinme.com)

### Dubai Office

DWC Business Centre,  
P.O. Box 390667,  
Dubai World Central,  
United Arab Emirates

### Doha Office

Palm Tower, Block B  
15th Floor West Bay  
P.O. BOX 26600  
Doha, Qatar

Tel: +974 4034 2073

Fax: +974 4034 2020

### European Partner Office

Alpha GmbH (Munich, Germany)  
ALPHA Energy & Environment GmbH  
Landsberger Straße 98  
80339 München, Germany

### Kuwait Office

Al-Soor Street,  
Al-Shamiya Tower, 16th Floor  
Al Kuwait, Kuwait  
Tel: +965 2233 1833