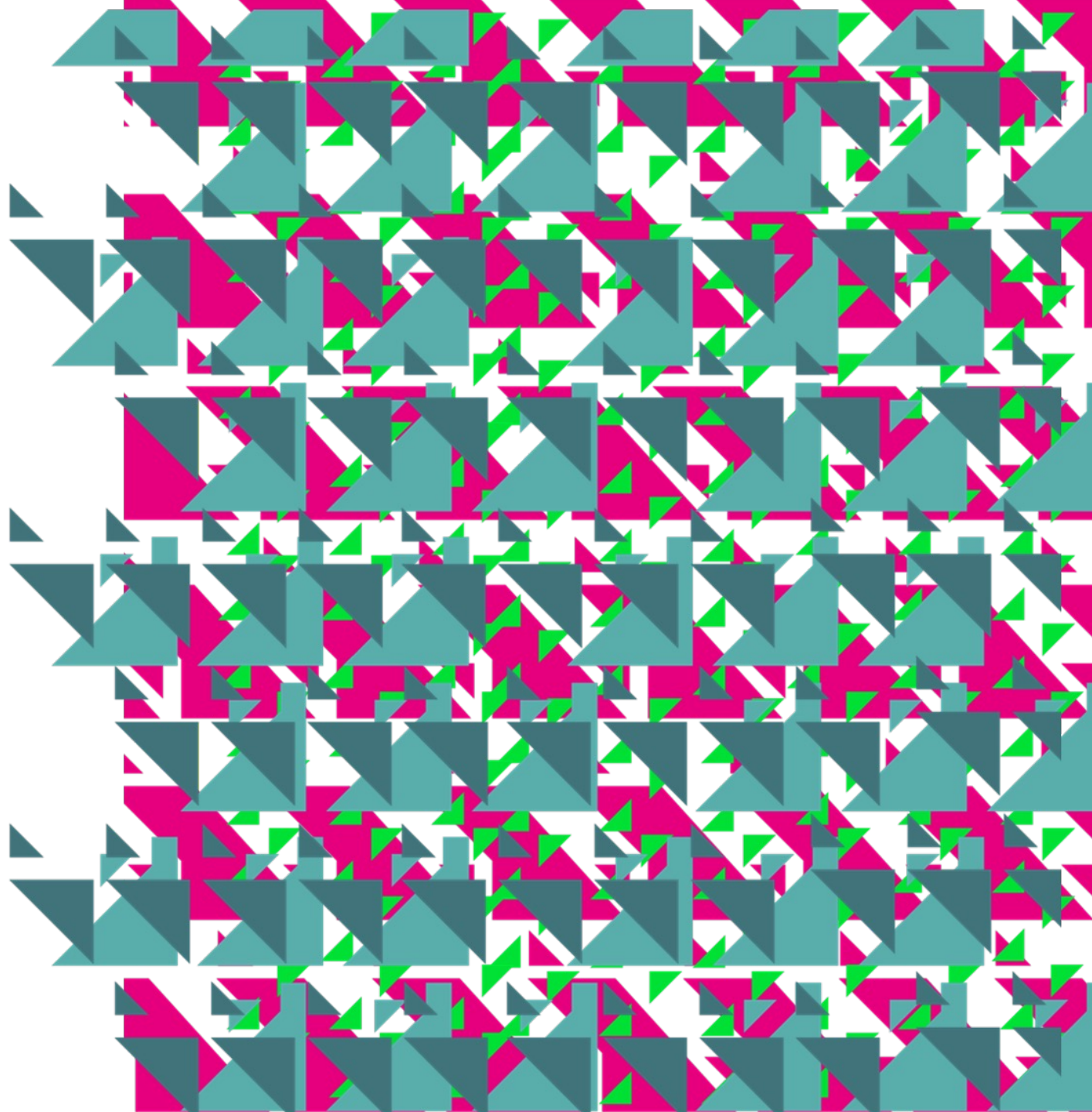


experts of ingenious built environments

# COMPANY PROFILE



## ABOUT US

We are a progressive independent multi-disciplinary consultancy that delivers energy-efficient and sustainable engineering, design solutions, and advisory services that best serve our clients and the well-being of their local communities.

Our expert team of designers, engineers and technical consultants are committed to providing you with solutions and services that remit tangible and quantifiable value throughout the lifecycle of your project.

Our proven track record and portfolio of projects ranges from new construction, intervention and policy and advisory services. No matter the sector, size or type of the built environment, we embrace your needs and complexity with our unique skillset, and promise to provide efficient, functional, future-proof solutions and sound technical advice that drives transformative outcomes.

## OUR MISSION

To provide energy-efficient, progressive and functional engineering & design solutions for sustainable built environments and professional consultancy and expertise for wide range of Industrial & Healthcare projects.

Established in **2013**

**55+** team members in 2023

Certified  
**ISO 9001:2015**  
**ISO 14001:2015**  
**ISO 45001:2018**

Active on the local and regional boards of Governors/  
Directors of **ASHRAE** and **CIBSE**

Technical Committee members of **Efficiency Valuation Organization (EVO)**

Active members and ex-board members of **Emirates Green Building Council**

Our values reflect our true **work ethic, philosophy, and delivery** methods.



## OUR SERVICES

### Buildings

Project Development Consultancy  
Architecture and Interior Design  
Buildings Engineering  
FM & Operational Consultancy  
Commissioning Management

### Infrastructure

District Cooling  
Smart Cities  
Data Centres  
Sustainable Infrastructure

### Strategy & Advisory

Trainings and Capacity Building  
Transactional due diligence  
Technical Expertise and Arbitration  
Technical Studies

### Energy & Resilience Planning

Energy Retrofit Management  
Energy Audits  
Energy Modelling  
Resource Efficiency  
Building Performance  
Net Zero  
Regenerative Designs

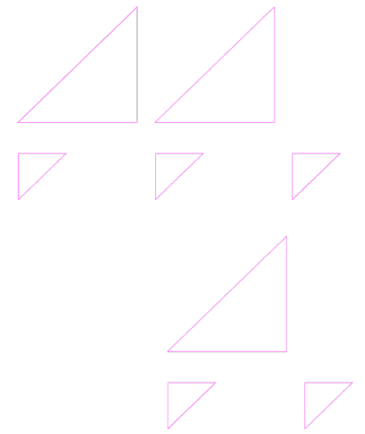
### Sustainability & Environmental Consultancy

Green Building Rating Systems  
Human-centric Design  
Sustainable Design  
Carbon Management  
Environmental and Social Impact Assessments  
Sustainability Strategy and Reporting

### Industry and Healthcare

Project Development Consultancy  
Project Management Strategy  
Design development  
Construction realization  
Value Engineering  
Time, Cost and Change management  
Commissioning Management

**Sectors |** Buildings High-rise & Low-rise, Hospitality, Retail, Food & Beverage, Corporate, Industry & Healthcare, Infrastructure & District Cooling



# COMPANY PERFORMANCE

## 5 office bases

- Dubai (HQ) - 2013
- Abu Dhabi - 2019
- Egypt - 2020
- Lebanon - 2020
- India - 2020

## 11 markets

- UAE
- KSA
- Qatar
- Bahrain
- Oman
- Kuwait
- Egypt
- Pakistan
- UK
- Turkey
- Tanzania





# AWARDS

**2023**

CIBSE Building Performance Awards- shortlisted

**2022**

CIBSE Building Performance Awards- *shortlisted*

**2021**

CIBSE BPA Retrofit Project of the Year- AD DoE Pilot Retrofit Project

**2020**

AEE ME Energy Project of the Year- AD DoE Pilot Retrofit Project

CIBSE Building Performance Awards- *shortlisted*

**2019**

CIBSE Build2Perform- *shortlisted*

GITEX Energy Sustainability Champion

**2018**

Retrofit Tech Energy Consultant of the Year

**2017**

Retrofit Tech Energy Consultant of the year

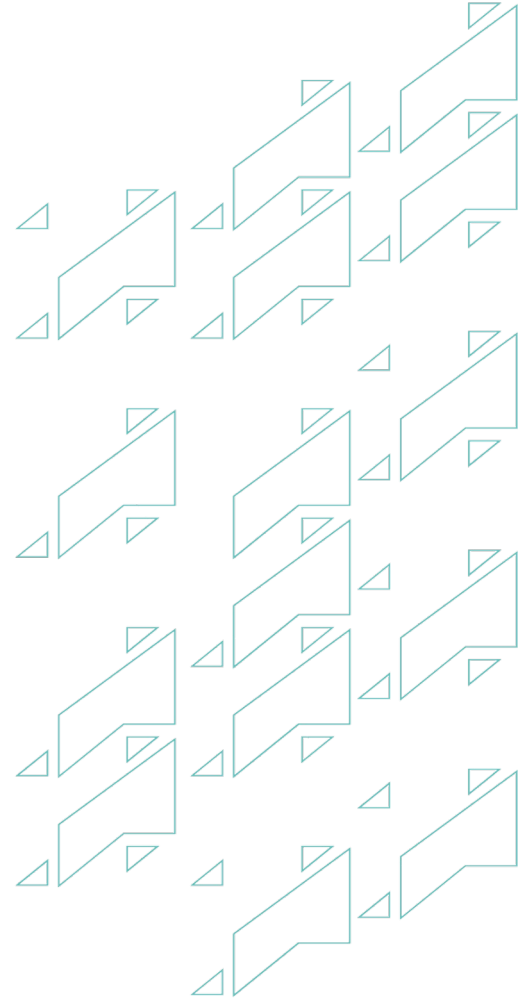
**2014**

ITP Middle East Boutique Consultancy of the Year

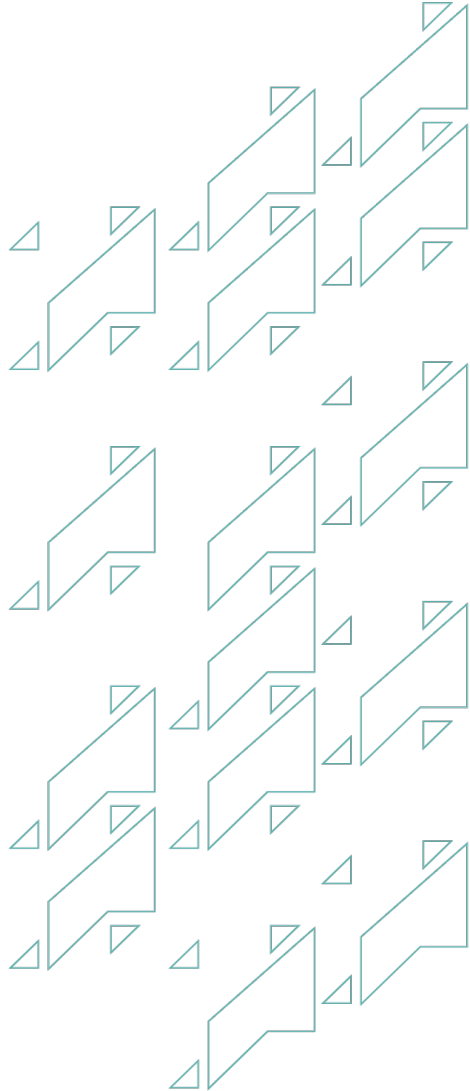
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**2016 to 2023**

ITP Top 20 Middle East MEP Consultants



## LEADERSHIP TEAM



**HASSAN YOUNES**

Co – CEO & -Founder

- 17+ years of experience
- MEP Expert
- ASHRAE HVAC design instructor
- Energy Efficiency Management
- Commissioning Management
- Highly Certified Professional
- Certified Trainer for international certifications and courses
- ASHRAE Lecturer & trainer
- Certified CEM trainer
- Certified CMVP trainer
- EGBC trainer



**OMNIA HALAWANI**

Co – CEO & -Founder

- 17+ years of experience
- Combined Engineering & Business education and acumen
- Strategy Development
- Regional insights
- Project Management
- District Cooling expertise
- Controls & Instrumentation
- Energy Efficiency Management
- Certified Professional
- CMVP
- HBDP
- LEED AP
- Estidama PQP – PBRS



**AYAH HALAWANI**

Head of Design & Partner

- 12+ years of experience
- Urban planning and design
- Architectural design
- Interior design
- Concept design development
- Sustainable materials and processes
- Project management
- Renovation and refurbishment projects.
- Candidate for MSc Sustainability and Adaptation in the Built Environment (SABE)
- B. Architecture, Minor in Urban Planning

## LEADERSHIP TEAM



**SANDEEP DAHIYA**  
Technical Director



**VLADAN VUCIC**  
Director – Industry & HC



**MOHAMED ANEES**  
Country Director - Egypt



**TALA MELEK**  
BD Manager



**ROBERT HADDAD**  
Associate Director



**NEHAL MEGAHEDE**  
Design Manager



**MOHAMMAD DIAB**  
Associate Director



**MOHAMMAD MATARNEH**  
Associate Director



**RAMI MAHAMDEH**  
Technical Manager



**ALTHAF PK**  
Projects Manager

# OUR PEOPLE



# TEAM CERTIFICATIONS

**PMI**  
Project  
Management  
Professionals

**ASHRAE**  
Building Energy  
Modeling  
Professionals

**ASHRAE**  
High-Performance  
Building Design  
Professionals

**ASHRAE**  
Building  
Commissioning  
Professionals

**ASHRAE**  
Building Energy  
Assessment  
Professionals

**ASHRAE**  
Healthcare  
Facility Design  
Professionals

**ASHRAE**  
Certified HVAC  
Designers

**ASHRAE**  
Operations &  
Performance  
Measurement  
Professionals

**AEE**  
Certified Energy  
Managers

**AEE**  
Certified Energy  
Auditors

**AEE**  
Certified Water  
Efficiency  
Auditors

**EVO/AEE**  
Certified Measurement  
and Verification  
Professionals

**USGBC**  
LEED AP Existing  
Buildings

**USGBC**  
LEED APs New  
Construction

**WELL AP**  
WELL  
Accredited  
Professionals

**Estidama/UPC**  
Pearl Qualified  
Professionals

**BREEAM**  
BREEAM Assessor

# CERTIFIED TRAINERS

**ASHRAE Lecturers**

**Certified CEM Trainers**

**Certified CMVP Trainers**

**Emirates GBC Course Facilitators**

**PMP Trainers**

## SELECT CLIENTS





## PROJECT HIGHLIGHTS

**Design and construction supervision for new construction and existing buildings renovations & retrofits.**

### **Critical Buildings- Burj Khalifa**

Design & construction supervisions of critical MEP systems retrofit in the top floors of Burj Khalifa.

BURJ KHALIFA  
EMAAR

### **Mixed-Use Buildings- value of USD110M**

Design & construction supervision of Al Ferdous Complex on Al Wasl Street, Dubai.

 DUBAI  
REAL ESTATE  
CENTRE  
BY A.R.M. HOLDING

### **High-rise buildings- more than 40 floors**

MEPF design of a five-star hotel in Sobha Hartland for Alsheraifi Group.

 الشريفي  
ALSHERAIFI

### **More than 600 villas in Arabella I**

Design review and construction supervision of HVAC rectification works in Mudon Arabella I.

**NORTH25**

## BURJ KHALIFA MEP RETROFIT

Highest water-cooled chillers installation in the world to segregate the chilled water supply in the top 15 floors. Innovative design of condenser cooling by return water from the return chilled water of the rest of the tower.





## PROJECT HIGHLIGHTS

### Technical & Project Management Consultants for Energy Retrofits of some of the largest projects worldwide

> **58,000 MWh** of **Achieved**  
Energy Savings

~ **\$18,000,000** of **Achieved**  
Saved Utility Costs

> **1,030,000 MWh** of **Identified**  
Energy Savings

~ **\$41,000,000** of **Potential**  
Savings in Utility Costs

~**500 buildings** for **ADNOC**  
of various uses owned by ADNOC in Abu  
Dhabi



~**200 Aldar** buildings in **Abu Dhabi**  
Residential, Commercial, Retail, Hospitality  
and Schools



**TECOM** buildings in **Dubai**  
**106** buildings, **41** boutique offices, **9**  
warehouses, **5** souks and **various other**  
types of buildings



>**22M SQM** of **Area**  
**9 Malls + 1 Hotel**



## SUSTAINABILITY & ENERGY EFFICIENCY SERVICES FOR ALDAR PROPERTIES

grfn manages the LEED certification,  
energy retrofit, and renewable  
energy installations for 200 of  
Aldar Properties buildings.





# PROJECT HIGHLIGHTS

**Sustainability consultancy and advisory services for small- to large- scale projects & developments.**

**LEED Consultancy for over 80 buildings in Abu Dhabi**  
Residential, Commercial, Retail, Hospitality and Schools



**Green Coast- LEED Gold**  
Commercial buildings in Dubai



**Al Khobar Waterfront**  
Sustainability strategy and LEED compliance for the initial phases of the development providing 1 million square feet of mixed-use space

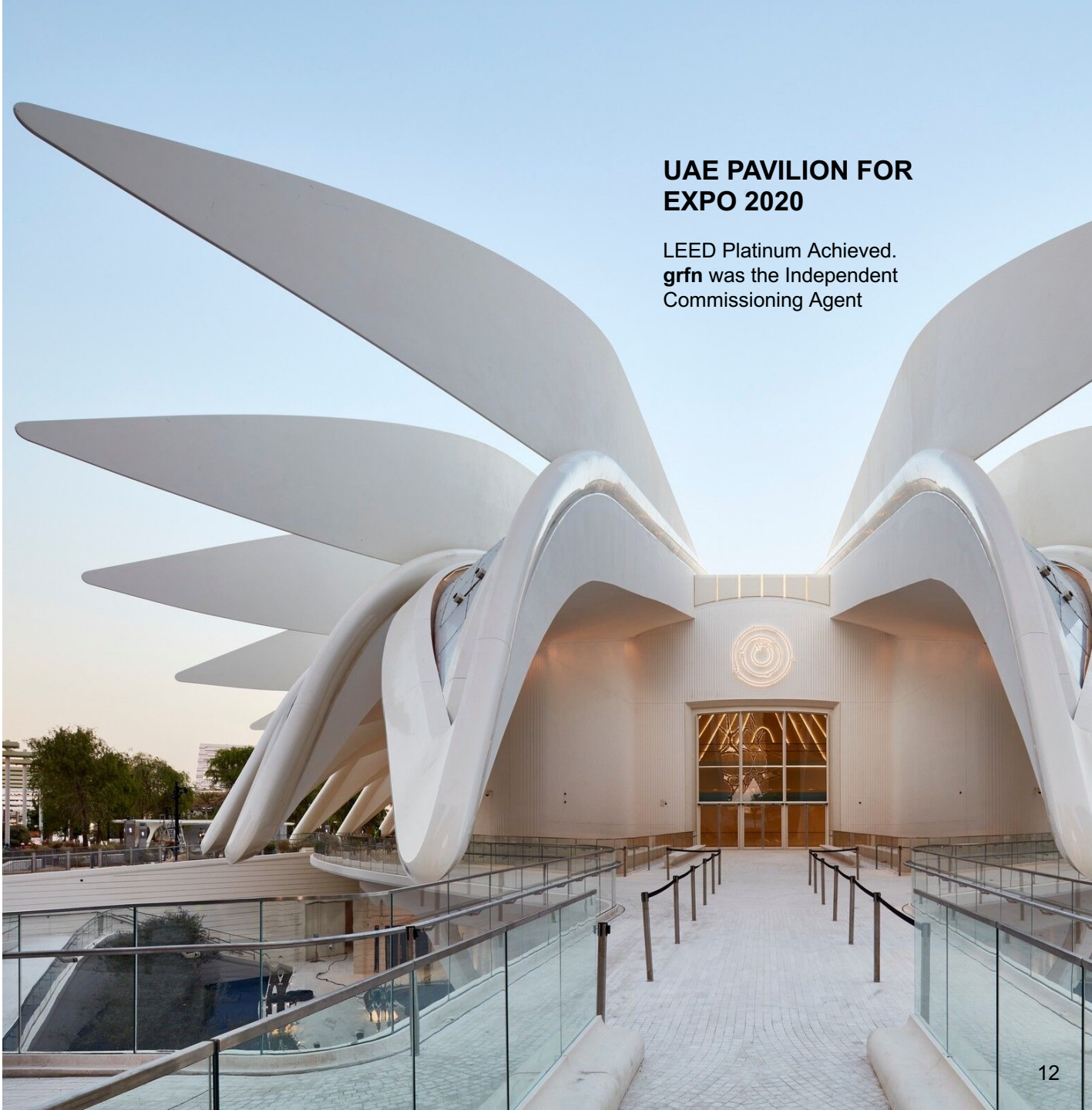


**Project Solis**  
1,000MWh on-grid Solar Photovoltaic installation at Dutco labor camps in Jebel Ali, Dubai.



## UAE PAVILION FOR EXPO 2020

LEED Platinum Achieved.  
**grfn** was the Independent Commissioning Agent



# PROJECT HIGHLIGHTS

## Technical and Project Management Consultants for key District Cooling schemes

>400,000 TR of District Cooling Designed

>380,000 TR, >35 plants of District Cooling Assessed & Optimized

### DGDA DCP

Technical design and requirements for a BOOT tender for ~55,000TR district cooling scheme serving Diriyah Gate Development.



### Saadiyat DCP 1

Detailed design and tender for the 22,500TR plant in Al Saadiyat Island Abu Dhabi



### PAHW District Cooling

Technical, Commercial & Regulatory guidelines and feasibility for DC adoption in Kuwait + 300,000TR scheme implementation concept for Al Mutlaa City



### Emicool DCP Energy Retrofits

Energy Retrofit Management for plants 4, 6, 7 and 11 for improved efficiency and reduced utility costs.



## DIRIYAH GATE DEVELOPMENT

A key giga-project in KSA's Vision 2030 plan.

grfn provides technical consultancy services for the District Cooling Plant serving the development.





# SUCCESS FACTORS

**Conceptualization** and creative direction

**Multidisciplinary** and seamless navigation between industries, services and scales

Design and construction projects with value up to **USD110 Million**

Extensive **design and construction supervision** experience

**Fully-rounded** team with experience spanning a wide range of services

Unique positioning with combined experience between **New Buildings** designs and **Existing Buildings** operational optimization

Demonstrated **performance improvements** in all stages of building life

**Structured project delivery approach** to reduce lapse project time and risks

A **highly certified** and **fully-rounded** core team



EXPERTISE

# Engineering

We integrate our expertise in mechanical, electrical, public health, and fire protection engineering to deliver projects across various sectors, project sizes and types.

Our designs are functional, feasible, cost effective, resilient and inherently sustainable and energy efficient. They best serve the visions of our clients without compromise on the well-being of their local communities.

Our proven track record and portfolio of projects demonstrate our experience in new construction projects and intervention projects in existing buildings. This combined experience helps us refine and differentiate our services in both sectors.

Our clients choose us time and time again as we support them throughout their journey of new builds to efficient and optimal operations of their buildings and facilities.

## Engineering Design and Construction Supervision

Full fledge engineering design, tendering, construction supervision, commissioning services, and overall project management – *buildings, infrastructure, district cooling, industry, healthcare*

## Value Engineering and Design Reviews

Reviewing designs by others with the aim to increase value and reduce costs while maintaining or improving performance

## Buildings Retrofit

Transform/ reuse of existing buildings or replacements of services within buildings for energy use optimization, end-of-life replacements, or improved use and quality.

## Commissioning and Building Performance Evaluation

Commissioning, retro-commissioning and building performance evaluation with the aim of reducing first costs and operational costs by ensuring buildings perform as efficiently and effectively as per their design intent.

## Operational Consultancy

Sustainable facilities management, energy & water audits and retrofits, MEP retrofits, and capacity building.

## Energy optimization and management

Full fledge energy budgets optimization in a structured approach that spans project life through feasibility, design, construction, and operation.

## Sustainable buildings designs

Passive designs, resource planning, energy modeling and planning, climate modeling, technology and innovation, resilience, net zero strategies & design, renewable energy, and buildings rating systems (LEED, BREEAM, WELL, etc.)

## SELECT PROJECTS – Engineering Design and Construction Supervision



**BURJ KHALIFA**

**Client:** Emaar – Burj Khalifa  
**Location:** Dubai, UAE  
**Type/Value:** High Rise- Mixed Use  
**Services:** Modification of Chilled Water System and Other MEPF Systems



**AL FERDOUS 1, 2, 3, & 4**

**Client:** Dubai Real Estate Centre  
**Location:** Dubai, UAE  
**Type/Value:** Mixed Use – USD110M  
**Services:** MEPF Design and Construction Supervision



**SOBHA HARTLAND 5 STAR HOTEL**

**Client:** Al Sheraifi Group  
**Location:** Dubai, UAE  
**Type/Value:** Hospitality– USD96M  
**Services:** MEPF Design



**JA WAREHOUSES COMPLEX**

**Client:** Dubai Real Estate Centre  
**Location:** Dubai, UAE  
**Type/Value:** Warehouses– USD29M  
**Services:** MEPF Design and Construction Supervision



**SAABRIN**

**Client:** Dubai Real Estate Centre  
**Location:** Dubai, UAE  
**Type/Value:** Residential– USD54M  
**Services:** MEPF Design Optimization and Construction Supervision



**DREC INDUSTRIAL COMPLEX**

**Client:** Dubai Real Estate Centre  
**Location:** Dubai, UAE  
**Type/Value:** Warehouses/ Workshops– USD18M  
**Services:** MEPF Design



**MUDON ARABELLA 1**

**Client:** 30 North  
**Location:** Dubai, UAE  
**Type/Value:** Villas  
**Services:** MEPF Retrofit Design Review + Construction Supervision



**ADHA NEAR ZERO ENERGY VILLA**

**Client:** Abu Dhabi Housing Authority  
**Location:** Abu Dhabi, UAE  
**Type/Value:** NZE Villa  
**Services:** MEPF Design + Sustainability



**HATTA FORT MODULAR VILLAS**

**Client:** BK Modular Systems  
**Location:** Hatta, UAE  
**Type:** Residential  
**Services:** Engineering and Sustainability



**DUBAI CREEK TOWER**

**Client:** TEMCO  
**Location:** Dubai, UAE  
**Type:** Mixed Use  
**Services:** Chillers replacement design

## SELECT PROJECTS – Value Engineering & Design Review



**NAD AL SHEBA MALL**

CAPEX SAVINGS- \$820,000

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type:** Mall



**DEIRA MALL**

CAPEX SAVINGS- \$1.98 M

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type:** Mall



**AL KHAILE AVENUE**

CAPEX SAVINGS- \$1.8 M

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type:** Mall



**GEMS PRIMARY SCHOOL-  
ALREEM**

30.6% ANNUAL ENERGY  
REDUCTION

**Client:** GEMS Education  
**Location:** Abu Dhabi, UAE  
**Type:** School



**GEMS PRIMARY SCHOOL-  
ALREEM**

32.9% ANNUAL ENERGY  
REDUCTION

**Client:** GEMS Education  
**Location:** Abu Dhabi, UAE  
**Type:** School



**GEMS NATIONAL SCHOOL FOR  
BOYS**

22% ANNUAL ENERGY  
REDUCTION

**Client:** GEMS Education  
**Location:** Dubai, UAE  
**Type:** School



**2B+G+30 MIXED USE BUILDING AT  
BUSINESS BAY**

CAPEX SAVINGS- \$50,000

**Client:** Consult PDC  
**Location:** Dubai, UAE  
**Type:** Residential High Rise



**2B+G+24 RESIDENTIAL BUILDING  
AT TECOM**

CAPEX SAVINGS- \$212,000

**Client:** Consult PDC  
**Location:** Dubai, UAE  
**Type:** Residential High Rise



**MINISTRY OF ENERGY AND  
INFRASTRUCTURE NEW HQ**

**Client:** MOEI  
**Location:** Dubai, UAE  
**Type/Value:** Commercial  
**Services:** Cooling Load Calculations  
and HVAC Design Review



## SELECT PROJECTS – Specialized Engineering



**UAE PAVILLION EXPO 2020**

**Client:** National Media Council  
**Location:** Dubai, UAE  
**Type/Value:** Pavilion  
**Services:** Commissioning Management



**THE DUBAI MALL WATERFALL FOUNTAIN**

**Client:** Emaar  
**Location:** Dubai, UAE  
**Type/Value:** -  
**Services:** MEP System Adjustment/ Retrofit



**THE DUBAI MALL AQUARIUM**

**Client:** Emaar  
**Location:** Dubai, UAE  
**Type/Value:** -  
**Services:** MEP System Adjustment/ Retrofit



**THE DUBAI MALL- FOOD COURT**

**Client:** Emaar  
**Location:** Dubai, UAE  
**Services:** HVAC Retrofit/ User Comfort



**GAS O&M CONSULTANCY AT NAKHEEL COMMUNITIES**

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type/Value:** -  
**Services:** O&M Technical Assessment and OpEx Modelling



**BVLGARI HOTEL DUBAI**

**Client:** Bvlgari Hotel  
**Location:** Dubai, UAE  
**Type/Value:** Hospitality  
**Services:** HVAC and IAQ Assessment and Rectification



**HILTON ABU DHABI**

**Client:** Abu Dhabi National Hotels  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Hospitality  
**Services:** MEP Assessment and Operator Guideline Compliance



**AJMAN CORNICHE RESIDENCES**

**Client:** Aqaar  
**Location:** Ajman, UAE  
**Type/Value:** Residential  
**Services:** HVAC Assessment and Rectification



**DEWA INNOVATION BUILDING**

**Client:** DEWA  
**Location:** Dubai, UAE  
**Type/Value:** Commercial  
**Services:** Lighting design review and approvals



**NET ZERO CARBON CITY- RIYADH**

**Client:** egis  
**Location:** KSA  
**Type/Value:** Masterplan  
**Services:** NZ Carbon Strategy + District Cooling

## SELECT PROJECTS – District Cooling



**DIRIYAH GATE DEVELOPMENT**

**Client:** DGDA  
**Location:** KSA  
**Type/Value:** District Cooling Scheme  
**Services:** Concept Design and BOOT Tender



**ALMUTLAA CITY**

**Client:** PAHW  
**Location:** Kuwait  
**Type/Value:** District Cooling Scheme- 300,000 TR  
**Services:** Feasibility + Engineering



**AL RAHA BEACH ETS's**

**Client:** Tabreed  
**Location:** Abu Dhabi, UAE  
**Type/Value:** District Cooling ETS- >250  
**Services:** Engineering Design + Supervision



**SAADIYAT DCP 1**

**Client:** Tabreed  
**Location:** Abu Dhabi, UAE  
**Type/Value:** District Cooling Plant- 22,500 TR  
**Services:** Architecture + Engineering



**JUMEIRAH HEIGHTS**

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling Plants  
**Services:** Design- two plants and network expansions



**NZ CARBON CITY- RIYADH**

**Client:** egis  
**Location:** KSA  
**Type/Value:** Masterplan  
**Services:** District Cooling + Sustainability



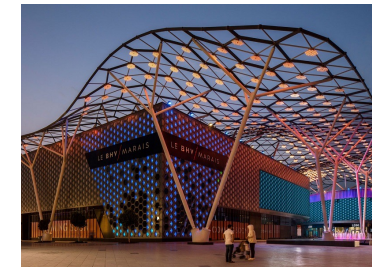
**DISTRICT COOLING PLANT- 9,250TR**

**Client:** Confidential  
**Location:** Abu Dhabi, UAE  
**Type/Value:** District Cooling Plant- 9,250 TR  
**Services:** Architecture + Engineering



**DC FEASIBILITY FOR OMAN LNG**

**Client:** Oman LNG  
**Location:** Sur, Oman  
**Type/Value:** District Cooling Feasibility  
**Services:** Feasibility Study



**CITY WALK CHILLERS PLANT**

**Client:** MeRex  
**Location:** Dubai, UAE  
**Type/Value:** Operational Chillers Plant  
**Services:** Plant Optimization



**TABREED BAHRAIN SEAWATER PLANT**

**Client:** Tabreed, Bahrain  
**Location:** Bahrain  
**Type/Value:** Seawater DCP  
**Services:** Plant Assessment and Optimization



# SELECT PROJECTS – District Cooling



**EMICOOL – UNMANNED MACHINERY SPACES**

**Client:** Emicool  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling  
**Services:** Unmanned Machinery Spaces



**VARIABLE PLANT PREDICTIVE MODEL**

**Client:** Tabreed  
**Location:** N/A  
**Type/Value:** District Cooling  
**Services:** Energy efficiency predictive model



**DUBAI COOLING MARKET STUDY**

**Client:** Dubai RSB  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling/ Advisory  
**Services:** Advisory services to determine market size and efficiencies of systems



**LABOR CAMPS AT DIP**

**Client:** Marina Mall  
**Location:** Abu Dhabi, UAE  
**Type/Value:** District Cooling  
**Services:** DC bills allocation



**MARINA MALL DC CONNECTION**

**Client:** NIC PJSC  
**Location:** Abu Dhabi, UAE  
**Type/Value:** District Cooling  
**Services:** DC connection to existing facility



**AMITY SCHOOL DC CONNECTION**

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling  
**Services:** DC connection to existing facility

# SELECT PROJECTS – Chiller Plants Due Diligence & Optimization Services



**NAKHEEL CHILLERS PLANTS**

**Client:** Undisclosed  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling  
**Services:** Technical Due Diligence Services



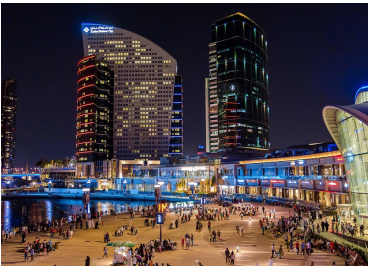
**MAF CHILLER PLANTS**

**Client:** Undisclosed  
**Location:** UAE, Egypt, Qatar, Oman  
**Type/Value:** District Cooling  
**Services:** Technical Due Diligence Services



**DUBAI AIRPORTS CHILLER PLANTS**

**Client:** Undisclosed  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling  
**Services:** Technical Due Diligence Services



**DUBAI FESTIVAL CITY**

**Client:** AFGRE  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling  
**Services:** Technical Due Diligence Services & Plant Optimization Services



**CAIRO FESTIVAL CITY**

**Client:** AFGRE  
**Location:** Cairo, Egypt  
**Type/Value:** District Cooling  
**Services:** Plant Optimization Services & Review of Plant Expansion and future loads



**DCP AT THE NEW ADMINISTRATIVE CAPITAL**

**Client:** Undisclosed  
**Location:** Cairo, Egypt  
**Type/Value:** District Cooling  
**Services:** Technical Due Diligence Services

# SELECT PROJECTS – Low Delta-T Syndrome Mitigation



**INDEX TOWER**

**Client:** Index Tower  
**Location:** Dubai, UAE



**DUBAI FESTIVAL CITY**

**Client:** AFGRE  
**Location:** Dubai, UAE



**BUSINESS BAY EXECUTIVE TOWERS**

**Client:** Dubai Holding Assets Management  
**Location:** Dubai, UAE



**CITY WALK**

**Client:** MeRex  
**Location:** Dubai, UAE



**JUMEIRAH ISLANDS**

**Client:** Nakheel  
**Location:** Dubai, UAE



**FAIRMONT THE PALM**

**Client:** ifa Hotels & Resorts  
**Location:** Dubai, UAE



**MIRDIFF HILLS**

**Client:** Emicool  
**Location:** Dubai, UAE



**PARAMOUNT TOWERS by DAMAC**

**Client:** Paramount Hotels  
**Location:** Dubai, UAE



**GREEN COMMUNITY 1&2**

**Client:** Emicool  
**Location:** Dubai, UAE



**AL MUTLAA CITY**

**Client:** PAHW  
**Location:** Kuwait

EXPERTISE

Architecture

grfn's approach to architecture is a research-based, problem-solving one. We design for functionality, sustainability and authenticity.

We believe that the best way to tackle the issues of our built environment is through urban and architectural regeneration, adaptation and intervention. This is not only climate appropriate, but also provides stakeholders with an opportunity to reclaim the value of their less-than-functional real estate and developments.

We envision a community in which human scale, societal justice and the environment are key ingredients in shaping it.

Architectural Design

Project Development

Conservation & Preservation

Feasibility Studies

Passive Design

Project Management

Urban Enhancement & Intervention





## SELECT PROJECTS – Architecture



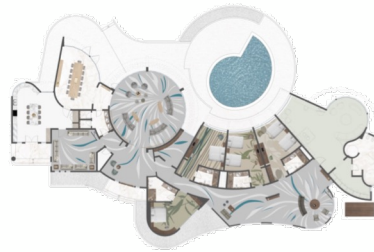
**RACHID KARAMI INTERNATIONAL FAIR**

**Client:** TSEZ  
**Location:** Tripoli, Lebanon  
**Type/Value:** Mixed use, competition  
**Services:** Architecture; Urban Design



**ISMAILIA ECO BOUTIQUE HOTEL**

**Client:** Private  
**Location:** Ismailia , Egypt  
**Type/Value:** Hospitality  
**Services:** Architecture, Interior Design, Sustainability



**ROYAL WINTER HOUSE**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Architectural Design; Interior Design



**HADOOTA MASREYA**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Architectural Design; Interior Design



**FOOD HALL & RESTAURANT COMPLEX**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Architectural Design; Interior Design



**HOTEL EXPANSION PROPOSAL**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Hospitality  
**Services:** Architectural Design; Urban Design; Interior Design



**SENEGAL PEACE PAVILION**

**Client:** Kaira Loro  
**Location:** Senegal  
**Type/Value:** Cultural, Competition  
**Services:** Architecture Design



EXPERTISE

# Interior Design

The spaces we inhabit are an essential component in crafting our experiences. We believe that functional design is inherently sustainable, health-inducing and authentic.

Our design process places your well-being and the planet's at the center. We believe that longevity and resilience are key factors in determining the success of any venture, and the same applies to interior spaces. From the material and product selection to space configuration, we ensure that your space remains resilient, flexible and adaptive to your future needs.

Our research-based concept design stage of design ensures that your design is original and a true reflection of you or your brand.

Interior Design

Interior Renovation & Refurbishment

Project Management

Space Planning

Turn-key Fit-out Solutions

Furniture Design

Creative Consultancy

Health & Wellness



## SELECT PROJECTS – Interior Design



**SOFITEL HOTEL - JBR**

**Client:** ADNH  
**Location:** Dubai, UAE  
**Type/Value:** Hospitality  
**Services:** Interior Design Review



**RADISSON BLU HOTEL**

**Client:** ADNH  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Hospitality  
**Services:** Interior Design Review



**ISMAILIA BOUTIQUE HOTEL**

**Client:** Private  
**Location:** Ismailia, Egypt  
**Type/Value:** Hospitality  
**Services:** Architectural Design; Interior Design



**CONCEPTUAL DESIGN FOR A HOTEL LOBBY**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Interior Design



**MEOKJA**

**Client:** Meokja  
**Location:** Dubai, UAE  
**Type/Value:** Commercial  
**Services:** Interior Design



**ADVENTURE PARX**

**Client:** Adventure parx and cafe  
**Location:** Dubai, UAE  
**Type/Value:** Retail and F&B  
**Services:** Project Management; Interior Design; Engineering Design; Engineering Design



**SUITE 4 SALON**

**Client:** Suite 4 beauty salon  
**Location:** Dubai, UAE  
**Type/Value:** Commercial  
**Services:** Interior Design



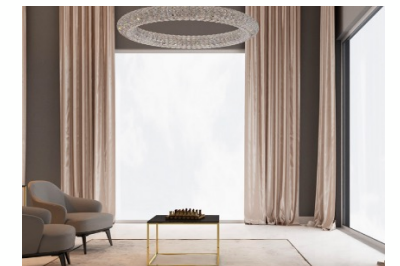
**ROYAL WINTER HOUSE**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Architecture; Interior Design; MEP; Construction Supervision



**OVINGTON SQUARE**

**Client:** Private  
**Location:** London, UK  
**Type/Value:** Residential  
**Services:** Interior Design; Procurement; Implementation Supervision



**PRIVATE VILLA**

**Client:** Confidential  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Residential  
**Services:** Interior Design

## SELECT PROJECTS – Interior Design



**ALPYS – SAFA COMPLEX**

**Client:** ALPYS  
**Location:** Dubai, UAE  
**Type/Value:** F&B  
**Services:** Interior Design , MEPF  
Project Management;  
Construction Supervision



**HADOOTA MASREYA – IB**

**Client:** Hadoota Masreya -  
**Location:** Dubai , UAE  
**Type/Value:** F&B  
**Services:** Architectural Design;  
Interior Design; Engineering  
Design; Project Management;  
Construction supervision



**HADOOTA MASREYA - SZR**

**Client:** Hadoota Masreya  
**Location:** Dubai, UAE  
**Type/Value:** F&B  
**Services:** Interior Design , MEPF  
Project Management  
Construction Supervision



**THE ONE PALM**

**Client:** Private  
**Location:** Dubai, UAE  
**Type/Value:** Residential  
**Services:** Interior Design Review ,  
Site Supervision, Project Management



**ALKAMDA FALCONS - ADIHEX**

**Client:** Al Kamda Falcons  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Commercial - Exhibition  
**Services:** Stand design; Project  
Management; Construction supervision

EXPERTISE

# Energy Efficiency

grfn is a market leader in identifying potential for energy costs reduction and in designing, managing, evaluating, and measuring & verifying energy efficiency and demand side management programs.

We help clients manage energy budgets by assessing the eligibility of buildings for energy use reduction and identifying feasible energy performance potential. We perform energy analyses, create action plans, manage the implementation of the suggested improvement measures, and calculate, report and certify the actual savings achieved over the performance period.

We support the development of national energy efficiency policies, strategies, and programs by providing evaluation services, development of roadmaps, and engineering advisory and technical research.

Our team brings along extensive expert knowledge. Our processes follow international standards and best practices offering services that are suitable to your local environment and tailored to your unique needs.

**Energy Retrofit Management**

Technical advisory and project management services for energy retrofits spanning the retrofit process: energy audits, tendering and contracts, investment grade audits, implementation & commissioning, and measurement & verification.

**Energy Modeling**

Energy modeling services for new and existing developments.

**Low Energy and Net Zero- Energy**

City- or district- wide energy efficiency strategies, demand reduction, high efficiency generation, renewable energy, net zero strategies & design, and whole life carbon impact

**Resource Efficiency**

Resources efficiency principles, design alternatives for conservation, end-use analysis, energy and water management requirements, and measurement & verification Plans.

**Energy Optimization and Management**

Full fledge energy budgets optimization in a structured approach that spans project life through feasibility, design, construction, and operation.

**Demand Side Management**

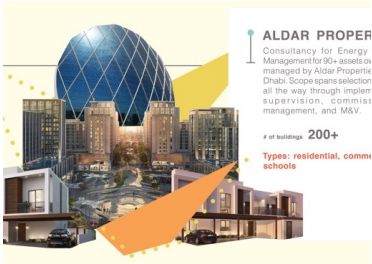
Detailed technical studies for robust and effective DSM programs, Benchmarking studies, Capacity Building, and Implementation.

**Capacity Building**

Custom tailored trainings on energy efficiency crafted and moderated by our in-house internationally certified trainers.



# SELECT PROJECTS – Energy Retrofit Management



**ALDAR PROPERTIES ENERGY RETROFIT**  
**ANNUAL SAVINGS - USD 8,174,385**

**Client:** Aldar Properties  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Various (200 buildings)  
**Services:** Energy Retrofit Management



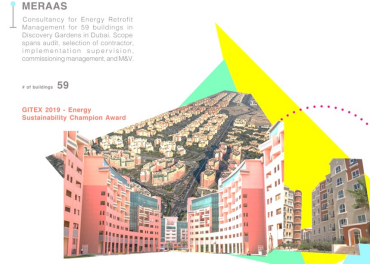
**TECOM COMMUNITIES' ENERGY RETROFIT**  
**ANNUAL SAVINGS - USD 4,622,350**

**Client:** TECOM  
**Location:** Dubai, UAE  
**Type/Value:** Various (106 buildings)  
**Services:** Energy Retrofit Management



**ABU DHABI DoE PILOT ENERGY RETROFIT**  
**ANNUAL SAVINGS - USD 793,710**

**Client:** AD Department of Energy  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Commercial (7 buildings)  
**Services:** Energy Retrofit Management



**MERAAS DISCOVERY GARDENS**  
**ANNUAL SAVINGS - USD 780,300**

**Client:** Meraas  
**Location:** Dubai, UAE  
**Type/Value:** Residential (59 buildings)  
**Services:** Energy Retrofit Management



**NAKHEEL MALLS ENERGY RETROFIT**

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type/Value:** 9 Malls + 1 Hotel  
**Services:** Energy Retrofit Management



**ADNOC BUILDINGS ENERGY RETROFIT**

**Client:** ADNOC  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Various (~450 buildings)  
**Services:** Energy Retrofit Management



**EMICOOL PLANTS 4, 6, 7, & 11**

**Client:** EMICOOL  
**Location:** Dubai, UAE  
**Type/Value:** District Cooling (4 plants)  
**Services:** Energy Retrofit Management



**DUBAI AIRPORT LIGHTING RETROFIT**

**Client:** Etihad ESCO  
**Location:** Dubai, UAE  
**Type/Value:** Airport  
**Services:** M&V Services



**DEWA PLANT LIGHTING RETROFIT**

**Client:** Etihad ESCO  
**Location:** Dubai, UAE  
**Type/Value:** Power Plant  
**Services:** M&V Services



**INDEX TOWER**

**Client:** Index Tower OA  
**Location:** Dubai, UAE  
**Type/Value:** Mixed Use  
**Services:** Energy Retrofit Management

## SELECT PROJECTS – Energy Retrofit Management



**FALCON TOWERS**

**Client:** Aqaar  
**Location:** Ajman, UAE  
**Type/Value:** Residential  
**Services:** Energy Retrofit Management



**ERCO FACTORY**

**Client:** IFFCO  
**Location:** Sharjah, UAE  
**Type/Value:** Industrial  
**Services:** Savings Verification



**MOMRA, KSA**

**Client:** Tarshid  
**Location:** KSA  
**Type/Value:** Governmental  
**Services:** Energy Audit + Bids Assessment



**ETIHAD ESCO M&V Services**

**Client:** Etihad ESCO  
**Location:** Dubai, UAE  
**Type/Value:** Various  
**Services:** M&V

## SELECT PROJECTS – Energy Audits and Energy Use Benchmarking



### NAKHEEL COMMUNITIES' ENERGY CONSERVATION

ASHRAE LEVEL 3 AND 1

**Client:** Nakheel  
**Location:** Dubai, UAE  
**Type/Value:** Various (298 buildings)  
**Services:** Energy Audits and Conservation Plan



### EMAAR PROPERTIES BENCHMARKING

ENERGY BENCHMARKING

**Client:** Emaar Properties  
**Location:** Dubai, UAE  
**Type/Value:** Various  
**Services:** Energy Benchmarking (2016, 2019)



### GEMS EDUCATION SCHOOLS

ENERGY BENCHMARKING

**Client:** GEMS Education  
**Location:** Dubai, UAE  
**Type/Value:** Educational (64 Schools)  
**Services:** Energy Benchmarking



### ZEE TOWER

ASHRAE LEVEL 3

**Client:** Pan Asia Infrastructure  
**Location:** Dubai, UAE  
**Type/Value:** Commercial  
**Services:** Energy Audit



### PHOENIX TOWER

ASHRAE LEVEL 3



دائرة التعليم والمعرفة  
DEPARTMENT OF EDUCATION  
AND KNOWLEDGE

### AD DEPARTMENT OF EDUCATION AND KNOWLEDGE (ADEK)

ASHRAE LEVEL 1

**Client:** DoE/ ADEK  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Educational (12 schools)  
**Services:** Energy Audits



دائرة الصحة  
DEPARTMENT OF HEALTH

### AD DEPARTMENT OF HEALTH

ASHRAE LEVEL 1

**Client:** DoE/ DoH  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Commercial/ Healthcare  
**Services:** Energy Audits



دائرة تنمية المجتمع  
DEPARTMENT OF COMMUNITY  
DEVELOPMENT

### AD DEPARTMENT OF COMMUNITY DEVELOPMENT

ASHRAE LEVEL 1

**Client:** DoE DCD  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Commercial/ Healthcare  
**Services:** Energy Audits



### ETIHAD ESCO AUDITS

ASHRAE LEVEL 1

**Client:** Etihad ESCO  
**Location:** Dubai, UAE  
**Type/Value:** Various  
**Services:** Energy Audits



### IMPERIAL RESIDENCE

ASHRAE LEVEL 3



## SELECT PROJECTS – Energy Audits and Energy Use Benchmarking



**HAMZA TOWER**

**ASHRAE LEVEL 1**

**Client:** Hamza Tower  
**Location:** Dubai, UAE  
**Type/Value:** Various (298 buildings)



**INDIGO TOWER**

**ASHRAE LEVEL 3**

**Client:** Taka Solutions  
**Location:** Dubai, UAE  
**Type/Value:** Mixed Use



**AL SAHEL BUILDINGS**

**ASHRAE LEVEL 2**

**Client:** Al Sahel Contracting  
**Location:** Dubai, UAE  
**Type/Value:** Various



**GEMS NMS SCHOOL**

**ASHRAE LEVEL 2**

**Client:** GEMS Education  
**Location:** Dubai, UAE  
**Type/Value:** Educational

EXPERTISE

Sustainability

grfn's team of diverse backgrounds and deep-rooted experience is able to support the delivery of sustainable projects that best serve the visions of our clients and the well-being of their local communities while becoming a positive contributor to the achievement of national and international targets and direction.

We work with our clients to think strategically about sustainability, providing them with innovative, practical, and feasible solutions that improve their performance and that of their projects against a variety of KPIs.

By drawing on our holistic experience in Energy Efficiency, Engineering, Architecture, and Interior Design, we are able to effectively focus on constructible advice, feasible measures, and resilient solutions that keep our clients at an advantage throughout the lifecycle of their built environment.

Sustainable Masterplans

Passive designs, resource efficiency planning, energy modeling, climate modeling, energy planning, District Cooling, sustainable buildings guidelines, urban resilience, renewable energy, and sustainable planning certifications (LEED, BREEAM, WELL, etc)

Sustainable buildings designs

Passive designs, resource planning, energy modeling and planning, climate modeling, technology and innovation, resilience, net zero strategies & design, renewable energy, and buildings rating systems (LEED, BREEAM, WELL, etc.)

Green Building Certification

Guide the design and construction teams to achieve green building certifications to ensure the building performs efficiently throughout its life-cycle. Building rating systems include LEED, BREEAM, Estidama, WELL, Mostadam, etc.

Low Carbon and Net Zero Carbon

City- or district- wide carbon strategies, demand reduction, high efficiency generation, renewable energy, net zero strategies & design, and whole life carbon impact.

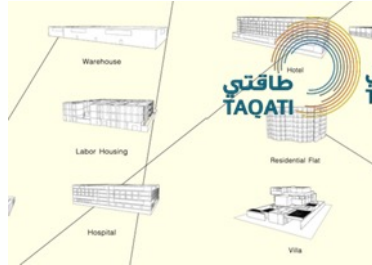
Smart Cities and Developments

With a focus on livability, connectivity and operational efficiency, we provide advisory services for smart city planning. Sectors cover community, infrastructure, data, facility management, and renewables

Waste Management

Construction and operational waste management consultancy, development of waste management plans, monitoring implementation and compliance with green building rating systems requirements.

## SELECT PROJECTS – Advisory Services



### DUBAI DSM STRATEGY MEASUREMENT & EVALUATION

**Client:** Taqati/ DSCE  
**Location:** Dubai, UAE  
**Type/Value:** Advisory- Energy  
**Services:** Rectification of measurement & evaluation for Dubai DSM Strategy savings reporting mechanisms.



### BUILDINGS ENERGY & WATER RATING SYSTEM

**Client:** Dubai RSB  
**Location:** Dubai, UAE  
**Type/Value:** Advisory- Energy  
**Services:** Benchmarking for a buildings rating system



### BUILDINGS ENERGY RATING SYSTEM

**Client:** RAK Municipality  
**Location:** Ras Al Khaimah, UAE  
**Type/Value:** Advisory- Energy  
**Services:** Consultancy for establishing a buildings rating system



### DUBAI COOLING MARKET STUDY

**Client:** Dubai RSB  
**Location:** Dubai, UAE  
**Type/Value:** Advisory- District Cooling  
**Services:** Advisory services to determine market size and efficiencies of systems



### PUBLIC AUTHORITY FOR HOUSING WELFARE DC GUIDELINES

**Client:** PAHW  
**Location:** Kuwait  
**Type/Value:** Advisory- District Cooling  
**Services:** Technical, business, and regulatory guidelines for adoption of DC in new Kuwaiti cities.



## SELECT PROJECTS – Sustainability



**ALDAR PROPERTIES LEED GAP ANALYSIS**

**Client:** Aldar Properties  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Various (200 buildings)  
**Services:** LEED Gap Analysis



**UAE PAVILLION EXPO 2020- LEED PLATINUM**

**Client:** National Media Council  
**Location:** Dubai, UAE  
**Type/Value:** Pavilion  
**Services:** Commissioning Management



**AL KHOBAR WATERFRONT**

**Client:** SEVEN  
**Location:** Khobar, KSA  
**Type/Value:** Masterplan  
**Services:** Sustainability- LEED Gold



**NET ZERO CARBON CITY- RIYADH**

**Client:** egis  
**Location:** KSA  
**Type/Value:** Masterplan  
**Services:** District Cooling + Sustainability



**LAHORE TIMES SQUARE**

**Client:** Royal Architect Project Management | egis  
**Location:** Lahore, Pakistan  
**Type:** Mixed-Use  
**Services:** Masterplan Sustainability, Resource Efficiency



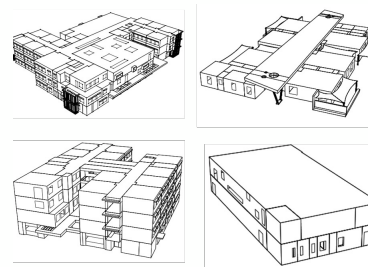
**NEOM HOSPITAL**

**Client:** Saudi Diyar  
**Location:** Neom, KSA  
**Type/Value:** Healthcare  
**Services:** Sustainability and Energy Efficiency Consultancy



**GREEN COAST- LEED GOLD**

**Client:** Green Coast Real Estate  
**Location:** Dubai, UAE  
**Type:** Commercial Building  
**Services:** LEED BD+C V4.0 & Commissioning Agency



**WAVE 2 SCHOOLS**

**Client:** Saudi Diyar  
**Location:** KSA  
**Type:** Schools  
**Services:** Energy Modeling, Water Modeling, Energy Efficiency Design Advisory, Sustainability Guidelines



**GEMS EDUCATION AL REEM PREMIUM ELEMENTARY SCHOOL**

**Client:** GEMS Education  
**Location:** Abu Dhabi, UAE  
**Type:** School  
**Services:** Sustainability Consultancy (Estidama Pearl Rating), Energy Modeling, Commissioning Management



**GEMS EDUCATION AL REEM PREMIUM SECONDARY SCHOOL**

**Client:** GEMS Education  
**Location:** Abu Dhabi, UAE  
**Type:** School  
**Services:** Sustainability Consultancy (Estidama Pearl Rating), Energy Modeling, Commissioning Management

## SELECT PROJECTS – Sustainability



**CLEVELAND CLINIC ABU DHABI**

**Client:** Cleveland Clinic- Abu Dhabi  
**Location:** Abu Dhabi, UAE  
**Type:** Healthcare  
**Services:** LEED EBOM V4 Gap Analysis & Energy Conservation Measures verification



**HONEYWELL OFFICE**

**Location:** Dubai, UAE  
**Services:** HVAC Retrofit/ Indoor Air Quality



**DANISH CONSULATE IN DUBAI**

**Location:** Abu Dhabi, UAE  
**Services:** HVAC Retrofit/ User Comfort



**DUBAI ECONOMIC DEVELOPMENT**

**Client:** DED  
**Location:** Dubai, UAE  
**Type:** Office Building  
**Services:** LEED EBOM V4 & WELL Gap Analysis

## SELECT PROJECTS – Renewable Energy



**ALDAR PROPERTIES  
RENEWABLES PROJECT**

**Client:** Aldar Properties  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Various (200 buildings)  
**Services:** Renewable Energy EPC  
Tendering and Supervision



**PROJECT SOLIS**

**Client:** DUTCO  
**Location:** UAE  
**Type:** Warehouses  
**Services:** Rooftop Solar - Engineering+  
Supervision



**ADHA NEAR ZERO ENERGY VILLA**

**Client:** Abu Dhabi Housing Authority  
**Location:** Abu Dhabi, UAE  
**Type/Value:** NZE Villa  
**Services:** Rooftop Solar - MEPF Design  
+ Sustainability



**ABU DHABI DoE PILOT ENERGY  
RETROFIT**

**Client:** AD Department of Energy  
**Location:** Abu Dhabi, UAE  
**Type/Value:** Commercial (7 buildings)  
**Services:** Rooftop Solar through  
Energy Performance Contracting



**SUSTAINABLE POLICES & SOLAR  
FEASIBILITY**

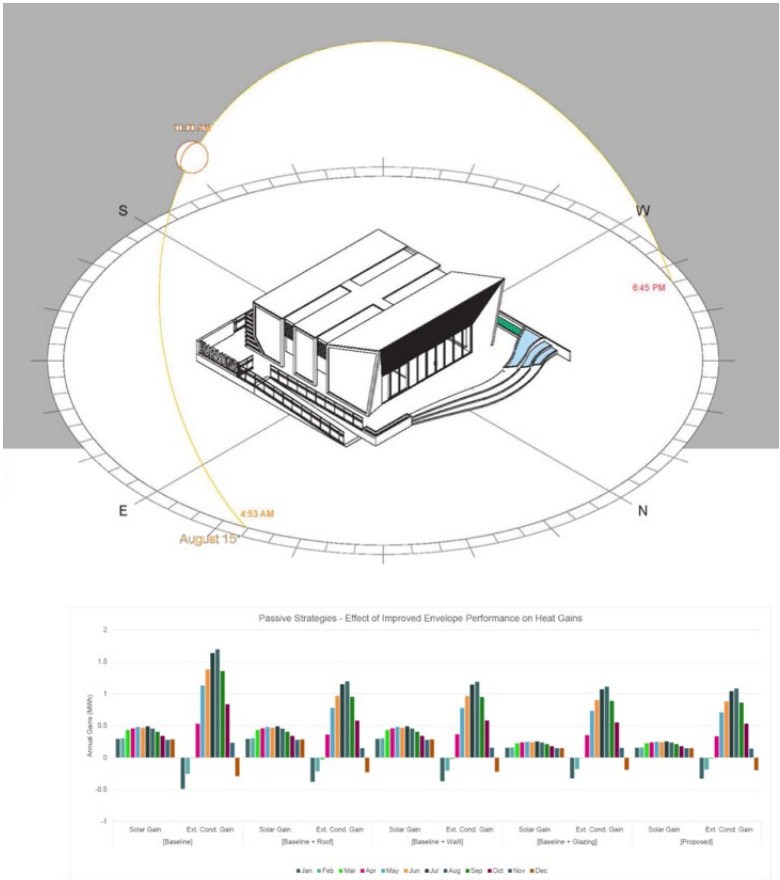
**Client:** Al Sahel Contracting  
**Location:** Dubai, UAE  
**Type/Value:** Corporate  
**Services:** Sustainability Polices & Solar  
Feasibility



# NET ZERO ADVANCEMENT

## Harmony Home

Harmony Home is a project participation in the Solar Decathlon Middle East 2021, which is an international competition to design, build and operate grid-connected, solar-powered houses. The Harmony Home entry was an entry formed by students and alumni of the British University in Dubai, to which **grfn** supported by providing IES Simulation for site orientation and house geometry. The structure was exhibited along with other entries in the Expo 2020.



## Conferences and Case Studies

### CIBSE UAE NET ZERO VIRTUAL CONFERENCE

grfn as supporter, Hassan Younes as Presenter and Panelist

### Case study – Net Zero Energy School in the UAE

A case study on the design and realization of Net Zero Energy schools in the UAE

### Panelist - Role and Reality of Net Zero in UAE



# CSR

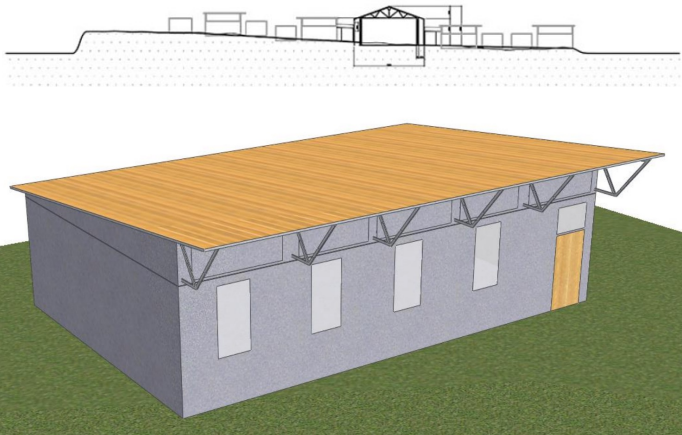
## Corporate Social Responsibility Strategy

We are enthusiastic about projects that improve the lives of the people and their communities. For many years, our core business has been to advise our clients on sustainable and energy efficient solutions, designs, and services to achieve their goals and requirements. We actively identify how our projects can be delivered using the UN SDGs targets as drivers for improvement. Through this alignment, we are able to better identify innovative solutions and actions that we can implement in our projects that resonate with our clients' targets all while ticking the UN Sustainable Development Goals.



## Orphanage & Community Center in Tanzania

Together with a group of architects, master planners, interior designers and engineers from various companies and universities to complete the design of a facility for 300 orphans and under-privileged children in Tanzania, East Africa. The function of the facility is a children's home, school and sports center.



## Improving indoor Air Quality in kindergarten schools

Promoting a healthy learning environment for children is of utmost importance and should be better communicated and relayed to school administrators and education providers. With this goal in mind, we have committed to actively improve indoor air quality in kindergarten and schools in Dubai, through measurements and consultancy.

## Mangrove Cleanup

grfn's team took on a voluntary challenge of cleaning up the mangroves of Abu Dhabi, as part of our team-building activities, encouraging a collaborative attitude towards environmental activism.



## EDUCATIONAL SUPPORT INITIATIVES

### Heriot Watt Industry Surgery Sessions

**3 years and counting** – Advisory services to the graduating batches on their final year projects covering all domains of design: Architecture, MEP, and additional advising on Sustainability and Energy domains.

### Heriott Watt Energy Audit Training in collaboration with EMAAR

A collaborative project with **Emaar Malls** and **Heriot Watt University** in Dubai to train students and fresh graduates on the best practices and methodologies to conduct a detailed **energy audit**. The ASHRAE Level III audit was conducted by the students on one of Dubai's prominent malls closely guided and mentored by our engineers at every step. Tomorrow's **grfn** engineers are today's students.

### Dubai American Academy – Indoor Air Quality Workshop

**grfn** hosted high school students from the Dubai American Academy as part of the school's professional internship program. Over the course of a week, the students undertook workshops by the grfn team on Indoor Air Quality and were able to produce a video explaining the concept and the importance of monitoring IAQ especially within school environments.

To watch click on this [LINK](#)



### Abu Dhabi Department of Energy Trainings

**grfn** delivered courses to project owners within the Abu Dhabi Department of Energy on energy management and conservation. The training included insight on Best Practices, Lessons Learnt, Industry examples, etc., all of which we have collected over years based on our experience with such projects and via our involvement with many governmental initiatives that focus on optimization of energy system and improving energy performance.

LINK: <https://tinyurl.com/brk9p57w>

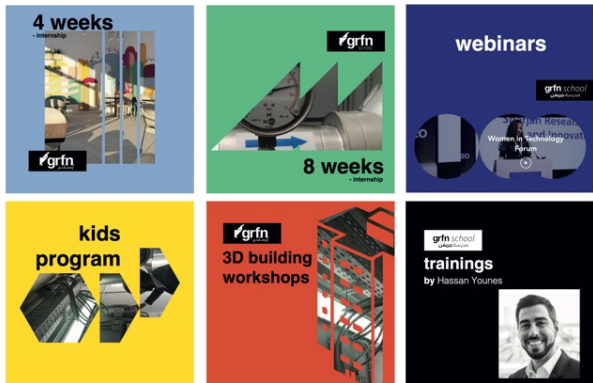




# EDUCATIONAL SUPPORT AND OTHER INITIATIVES



grfn is in the process of launching a student development program that will focus on curated internship programs across our five verticals of Energy Efficiency, Sustainability, MEP Design, Architecture and Interior Design. The platform will also offer a variety of workshops targeting different age groups, and will host a collection of trainings and webinars held by the grfn team. This initiative is aimed at ensuring quality and consistency of our internship programs, as well as embedding knowledge-transfer as a pillar within our operations.



## #grfnKIDS

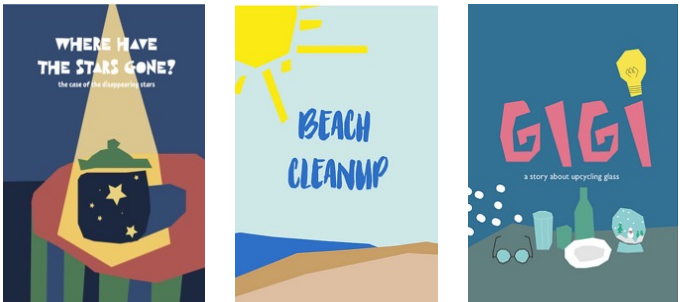
A series that we developed to simplify sustainability concepts and introduce them to our children. It is their future that is threatened, and it is our responsibility to raise a generation that is aware, responsible and proactive in tackling some of the most pressing issues that face humanity.

[“Where have the Stars Gone?”](#) simplifies the concept of Light Pollution

[“Beach Cleanup”](#) explains how Plastic Waste is detrimental to marine life

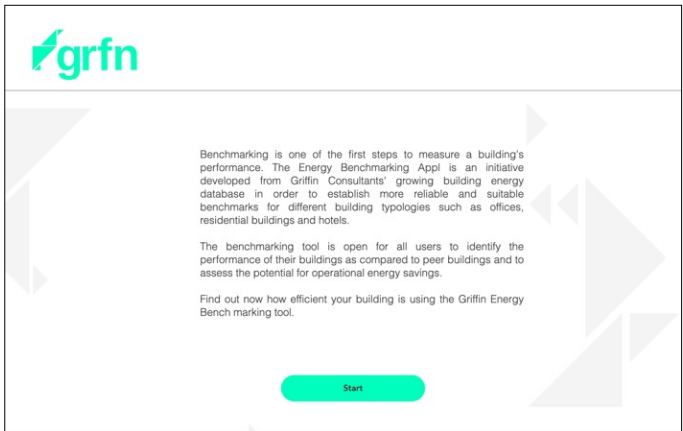
[“GIGI?”](#) a story about Recycling Glass

Click on the above titles to read.



## Energy benchmarking tool

With the lack of collated and published energy benchmarking references in the region, the firm has developed a free energy benchmarking tool soon to be rolled out on our website, free for use, as a means of our contribution to the energy efficiency movement. We hope that by giving the industry a tool to benchmark the energy use in their buildings, it will be a practical and true enabler to the energy efficiency drive in the UAE.





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