



## OUR COMPANY & MISSION

ALAYA is a construction and civil engineering company founded in 2009 by Elias P. Elias (MSc. Civil Eng. ESIB/USJ 1998), and managed by a group of experienced engineers and architects; carrying out design, construction, engineering, and construction management projects in Nigeria and Lebanon.

We are committed to providing reliable and professional services to our valuable clients; while our well-studied quotations and sufficiently low overheads enable us to offer the most competitive prices, with the guarantee of delivering excellent services on time.

Our appreciation of our clients' interests, evidenced by meeting their requirements and ensuring high-quality work, is the prime directive of our management.

Our international know-how in the construction domain allows us to initiate and complete any high-profile construction contract in a timely and professional approach and within the highest standards and specifications.

Alaya initiated in 2009 in Nigeria as "ALAYA Construction & Energy Ltd.". Through our engineering and construction services, along with our partners and main contractors, we delivered innovative, safe, and sustainable infrastructure.

We focused initially on carrying out projects and subcontracts in the domain of:

- **Roads & bridges**
- **Water conveyance and treatment plants**
- **Land development**
- **Public infrastructure**

In 2015 we diversified our services to include high-end building contracts for the private and public sectors.

Our Lebanese branch; "ALAYA Construction & Engineering sarl" was established in 2010, as we focused on the sector of residential and corporate buildings and estate service roads, hydraulic structures, and miscellaneous works. Our services ranging through:

- **Construction management**
- **Client representation**
- **Engineering audit, quantity survey, and cost control**
- **Design and permits**
- **Construction and rehabilitation of buildings & villas; Structural, MEP & finishing turnkey contracts, estate roads, retaining walls, etc...**
- **Special concrete works as lightweight, self-leveling, smooth, stamped, and shotcrete concrete, as well as concrete repair, works.**
- **Interior design works**

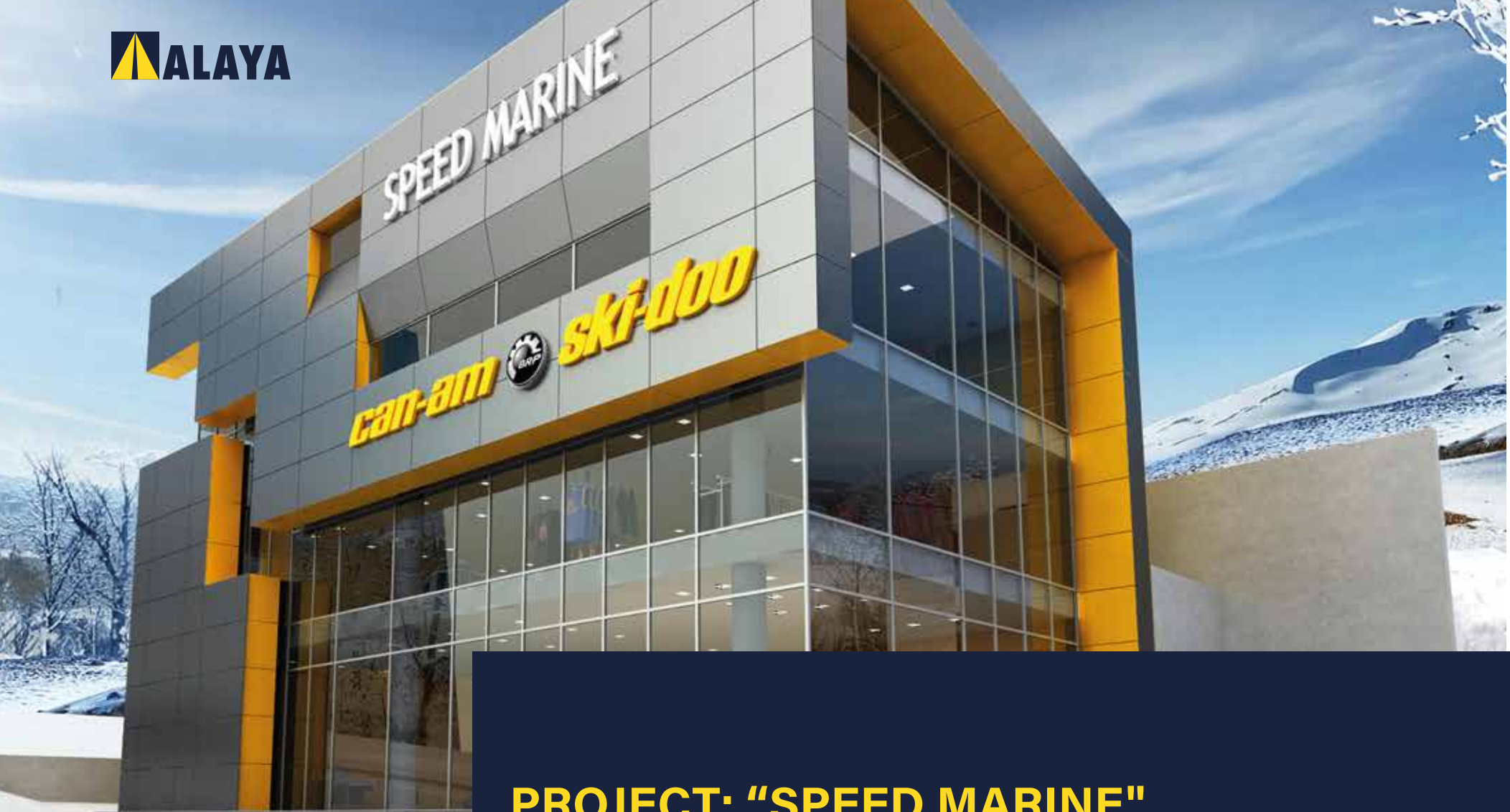
# ALAYA LEBANON MANAGEMENT TEAM

Founder & MD: Elias P. Elias (MSc. Civ. Eng. ESIB 1998)

Founder and Managing Director of ALAYA Construction and Energy (Nigeria)Ltd. and ALAYA Construction and Engineering s.a.r.l (Lebanon).  
A loaded professional in Engineering, Civil Works & Construction, managing the Rehabilitation and Construction works of more than 5000km of roads & bridges, hydraulic structures, land development, and buildings throughout his loaded civil engineering career.

GROUP OF ENGINEERS, ARCHITECTS, & SKILLED TECHNICIANS





**PROJECT: "SPEED MARINE"  
BUILDING IN MZAAR - OUYOUN EL SIMAN  
TURNKEY PROJECT**



**Client:** Speed Marine sarl – Mr. Jasem Bin Naser Al Thani  
**Architect:** ADO (Architectural & Design Office)  
**Technical Control:** APAVE  
**TURNKEY PROJECT** awarded in 2017

Executing a turnkey building project at 2000m altitude in Lebanon is a challenge by itself; a whole new level of quality control, checklists & guidelines must be strictly adopted to overcome the challenges triggered by the severe cold weather constraints. Starting from concrete mix design where anti-freeze and air entrainers were introduced at sub-zero temperatures, to special shoring and propping systems for deck slabs to carry the potential weight of 5m of accumulated snowfalls in addition to the concrete dead weight, to the cracks prevention admixtures and applications, to special thermal and waterproofing design and application, etc...

A turnkey project requires maximum coordination between tasks. At summer time, no less than 12 sub-contractors were active on site. Planning, coordination and quality control was at its utmost levels.

Time wastage was a killer. Many finishing tasks (like façade works, smooth concrete, curtain walls, related MEP...) were carried out in complete synchronizattion for an average of 12 hours/day for 6 days/week to avoid reaching the snow season before their completion.

Though it wasn't our biggest project in terms of turnover, yet it was our most challenging and technically valued one.

## PROJECT: BH1406 BUILDING CONSTRUCTION IN BEIRUT

Client: Nechan Boyadjian  
Architect: Elie Jabre  
Construction Manager: JABRE Engineering  
Project award: 2018



Alaya carried out the Waterproofing & Concrete structural works for a 4 Basement floors and 9 upper floors building at Burj Hammoud Corniche El Nahr area in the middle of one of the busiest Beirut sectors.

The Location of the project was a challenge by itself. Carrying out building construction works in Beirut has its own particular experience and challenges.

Water table at -4m from road level was the 2nd challenge. SBS Membrane tanking system (Cuvelage)cv was introduced to tackle

the issue, while 8 submersible water pumps were always active and evacuating the water within the shored excavation. Basement works completion marked the end of 80% of the struggles in the Project.

From that moment, typical floors were smoothly constructed with a speed of 1 deck slab casted every one 1 week; specialized workforce assisted by our tower crane and the usage of our special DOKA formwork and shoring system









## PROJECT: VILLA MR. BERNARD AZZI AIN SAADEH



Client: Mr. Bernard Azzi  
Architect: INSIGHT ARCHITECTURE  
Construction Manager: Antoine Akiki  
Structural Consultant: Nabil Hennaoui  
Technical Control: APAVE  
Award date: 2019





A state of the art architectural concrete works. Our pride in terms of how Alaya can create beautiful concrete forms and facades from wood and steel panels. Not a single repetitive wall nor a slab neither a parapet or beam. Every progress day in this project has his own plans, forms, formworks and geometric volumes...

We became concrete molding experts thanks to this project. No matter what forms the Architect would like us to build, we will just transform his drawings into solid concrete realities.



## PROJECT: BANK AUDI RABYEH

Client: Audi Bank

Architect: Fadi Chiniara

Construction Manager: Antoine Samaha

Award date: 2011

A landmark in Rabyeh, El Matn area. Well-tailored fast paced project, completed during the construction & banking peak period in Lebanon. The 8m height ceiling over the ground floor area created an engineering challenge during the construction of the elevated GF walls and the GF triple propped ceiling, while maintaining the vertical and horizontal alignments of the structure within negligible tolerances...



## PROJECTS: BANK AUDI REHABILITATION WORKS AT VARIOUS LOCATIONS

The Rehabilitation / Refurbishment internal and external works took place between 2012 and 2014 for different existing branches requiring either extension works or refurbishing the existing premises.





## PROJECT : QATAR AIRWAYS OFFICES CARGO OFFICES AREA - BEIRUT

Client: Qatar Airways

Architect: GRAINT INDESIGN

Award date: 2011

Refurbishment and internal high quality expansion works. Work included the construction of steel structure mezzanine of 450m<sup>2</sup> area. All finishing works, from plastering, painting, tiling, aluminium,

gypsum board walls & ceilings, wood works, carpentering, etc... were carried out at the utmost finishing standards and within a very limited period of time.



## PROJECT: CASINO DU LIBAN ROADS, INFRASTRUCTURE & GEOGRID WALLS

Client: Casino Du Liban  
Consultant: IDEA sal  
Award date: 2018

The need of an urgent alternate access road and a car park at Casino Du Liban allowed ALAYA to bid and win the Project award. A Mechanically Stabilized Earth wall, using different types of Geogrid polycarbonate mesh and blocks, was constructed for 600 linear meter length with heights reaching 15m. The Geogrid wall was backfilled by layers of selected fill material of 30cm thick and compacted to the required 95% MDD. Then a road pavement was constructed using base course sub-base and base material and sealed with a 6mm compacted bituminous binder course asphalt layer.

Works included the installation of hydraulic drainages, sewage network, street lighting poles and thermoplastic road marking and a Helipad design. Once again, this challenging project was executed within 3 months period only and with a clean Zero Accident record.







# PROJECT: PRIVATE CHALET LES PLATEAUX DE KFARDEBIAN FARAYA | LEBANON

Client: Mr. Z Abdelnour  
Architect: Fadia O. Chaker  
Award Date: 2021







# PROJECT : VILLA DR. JAY ISSA (JEZZINE 2019)

Architect : Charbel Mardini



A record 2.5 months duration project; from mobilization to demobilization

It was a concrete works project construction of 1 basement floor, 2 upper floors and a pitched roof. Architectural façade works and dormers were carried out as well.

A landmark concrete works in the midst of a breath taking scenery in the Jezzine area



# PROJECT: INTERIOR WORKS FOR VILLA MR. JOSEPH FARAH

Client: Joseph Farah  
Architect: Mike Njeim  
Location: Kfardeblian, Ouyoun El Siman  
Award date: 2020

An ongoing project showcasing our expertise in delivering top notch interior complete works; floor heating, smooth concrete, tiling, plastering, painting, steel works, wood works, aluminium & façade works, waterproofing, Mechanical Electrical Heating & Ventilation works...



## SOME OF OUR CLIENTS



**CREATE. BUILD. SUSTAIN**

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