

Metropolitan Green Design & Technology



Making the world a better place to live

Metropolitan Green Design and Technology

Our Philosophy

The Metropolitan Group believes in the relentless pursuit and delivery of their clients' business vision. Our strategic intent is to help our clients focus on three critical success factors:

- Creative conceptual design
- Innovative construction process
- Energy efficiency management

Our History

In April 2007, founders Martin Lim and Junji Shirai decided to pool their extensive working experience in the building, construction and facilities management industries to establish the Metropolitan Design Group to meet the future needs of the building and construction industry.

With their proven track records in architecture, urban master planning, project management, engineering, marketing, financing and strategic business planning, the Metropolitan Group believes it is well-positioned to integrate critical components of the value chain into the client's business model.

Junji Shirai is recognized internationally as a world-class architect and urban planner. His visionary style has culminated in many iconic buildings including Ngee Ann City (in collaboration with Raymond Woo & Associates, Singapore) and the development of futuristic cities like Ark Hills and Roppongi Hills (under Mori Company, Japan) which are internationally recognized as the benchmark of modern architecture and city dwelling.

Collaborations between the founders started in 1993 when they initiated the Global Network Concept to execute cross border projects across Singapore, Indonesia, Vietnam, Malaysia, USA, Japan, China and the Middle East.

Martin Lim, with more than 18 years in the constructive and building industry is also closely associated with world renowned precast technology expert - Dr Alfred Yee on various pre-cast initiatives in Singapore.

Recently, as Director of Business Development with an US MNC, he was involved in new business initiatives; Public Private Partnerships (PPP), Total Services Facilities Management (TSFM)



Scope of Services

Architecture

- Architecture conceptual design services
- Urban master planning
- Interior design consultancy

Construction

- Precast & prefab design
- Architectural precast facades and exterior design works
- Value-engineering services

Energy management

- Chiller optimization and energy management
- Energy audit services
- Green Mark consultancy

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Our Core Values

Reliability - Knowledge, experience and expertise to realize your business vision

Integration - Customizable business solutions that are integrated to your organizational needs while ensuring compliance, quality, safety and timely delivery.

Innovativeness - Managed by professionals who will partner you to maximize the lifetime value of your investments and reduce operation costs.

Metropolitan Green Design and Technology - Selected Projects

ARK Hill Urban Redevelopment Akasaka-Roppongi, Tokyo

Completed and opened on March 1986, Ark Hills sit on 5.5 hectares of land with a developed floor area of 360,000 square meters for office, residential, hotel, shops / restaurants, academy hall with 2000 seats capacity full concert hall; 481 units in residential twin towers, each 23 stories high.

This was Mori Building Co's first large scale urban redevelopment project ever undertaken to bring people together to live in close proximity within the central business district integrating all elements of work, culture and arts.

It took more than 15 years to consolidate the various tiny and privately owned land parcels into a large piece of property so that the unified value of the land would multiply to allow a large scale redevelopment to be realized.

One of the notable achievements in this project is its extensive rooftop gardens. The entire roof of the concert hall and sports facilities under the residential towers are devoted to a series of gardens and public open space. It provides lush greenery to stroll all day, and is extremely popular during the lunch hour for office workers to relax.



Atago Green Hills Urban Redevelopment Atago, Tokyo

Opened on July 2001, the Atago Green Urban Redevelopment occupies an area of 3.8 hectares.

Originally, a large part of the site belonged to the Seishoji Temple. Mori Building Co. spent a long time negotiating with them to redevelop the surrounding areas into one integrated complex, using the air right of the temple as one advantage.

The result was of a spectacular twin tower complex juxtaposed upon a newly renovated and expanded temple in between. One tower is designated for office use while the other caters to luxury residential units.

The residents can enjoy the spa and gym with swimming pool on the top floor in addition to enjoying the commanding views of the city from most of the units.

Green Hills residents can enjoy the healthcare services provided by the hospital belonging to Jikei Medical University, located just across the street. The extensive campus of temple is open to the public 24 hours a day and the hills behind the temple's main hall has been redeveloped to offer a nice and peaceful place to stroll.



Metropolitan Green Design and Technology - Selected Projects

Artelligent City Roppongi Hills



Roppongi Hills

Completed and opened in April 2003, Roppongi Hills occupies an area of 11.6 hectares and a total floor area of 759,100 sqm for office, residential, hotel, shops / restaurants, TV key stations, multi-screen movie house, art museum, academy hills, temple and an evacuation centre / resource storage for disaster relief.

This project began with an idea unprecedented in the history of urban redevelopment: to create a new cultural heart for the city of Tokyo. This idea became the largest private urban redevelopment project in Japan, after the ARK Hills project nearly 20 years previously.

In this gorgeous and totally spectacular settings, world class financial, information and IT software firms are the main tenants in the 53 storey high office tower.

Located within, are 837 residential units in 4 different towers with the very best comfort and security; 230 retail shops of world class brands. Surrounding the 230m high office tower are the Virgin Cinema and the Grand Hyatt Tokyo hotel. Channel 10 TV Asahi has their main station and studio located right next to the open arena where various performances take place from time to time.

The project continues to attract more than 50 million visitors all year round and this figure shows that Roppongi Hills is an instant success as the latest and attractive destination in Tokyo.

Architecturally, the complex utilizes the geographical fall of 25 meters within the site, to create ever changing views and attractive passage ways among shopping zone giving visitors a sense of place to come back for more.

The concept planning allows visitors to experience new discoveries each time they revisit. The 53rd floor (top floor) affords a magnificent view of Tokyo City and the surrounding mountains, including Mt. Fuji. This floor is directly above the Mori Art Museum (MAM) where important art events take place. The Museum is affiliated with MoMa of New York.

