ARCHETYPE ALLIANCE
YOUR GLOBAL PARTNER
JAPAN
Archetype Alliance

• In 2018, Archetype has been able to have a full footprint covering almost all Asia, with entities capable of designing and managing projects across real estate and industrial sectors.

• In 2019, in response to clients’ demand for a Global Presence & Global Partnership, Archetype has decided to set up the Archetype Alliance which allows us to participate in projects in neighboring countries and new continents such as Africa and South America, where we intend to have an active role.

• Archetype has selected premium firms having the same clients and sharing the same values, technical vision, agility and innovation spirit that we are known for.
Alliance Network

Archetype Alliances
- Belgium – Brussels
- Brazil – Porto Alegre
- Cameroon – Douala
- Ivory Coast – Abidjan
- Japan – Tokyo
- Malaysia – Kuala Lumpur
- Mexico – Mexico City
- Russia – Moscow
- South Korea – Seoul

Archetype Offices
- Bangladesh – Dhaka
- Cambodia – Phnom Penh
- China – Shanghai
- France – Paris, Lille & Marseille
- India – Chennai, Delhi & Mumbai
- Indonesia – Jakarta & Bali
- Kazakhstan – Almaty
- Laos – Vientiane
- Mongolia – Ulaanbaatar
- Myanmar – Yangon
- Philippines – Manila
- Singapore – Singapore
- Sri Lanka – Colombo
- Thailand – Bangkok & Koh Samui
- Vietnam – Hanoi & HCMC
Why Archetype & PAE

• Archetype and PAE have both developed extensive activities in Asia. In 2019, we decided to partner up, in order to take advantage of our complementarity in terms of expertise and geographical footprint.

• Archetype and PAE share the same values in Ethics, Safety, Environment, and People.

• Archetype and PAE offer the best combination of services to offer our clients a one-stop service, from Project Initiation until facility management.

• Both companies aim to deliver excellence to their clients to ensure cost, time and quality in any projects.
ABOUT ARCHETYPE GROUP
Founded in 2002

4 Service Lines

3 Sectors

21 Offices

15 Countries

1100 Employees
**Locations**

**Archetype Offices**
- Bangladesh—Dhaka
- Cambodia—Phnom Penh
- China—Shanghai
- France—Paris, Lille & Marseille
- India—Chennai, Delhi & Mumbai
- Indonesia—Jakarta & Bali
- Kazakhstan—Almaty
- Laos—Vientiane
- Mongolia—Ulaanbaatar
- Myanmar—Yangon
- Philippines—Manila
- Singapore—Singapore
- Sri Lanka—Colombo
- Thailand—Bangkok & Koh Samui
- Vietnam—Hanoi & HCMC
- Equator European Network

**Archetype Projects**
- Algeria
- Azerbaijan
- Belgium
- Bhutan
- Bulgaria
- Chad
- Fiji
- Honduras
- Iran
- Ivory Coast
- Kyrgyzstan
- Libya
- Malaysia
- Maldives
- Mexico
- Morocco
- Nepal
- Oman
- Pakistan
- Papua New Guinea
- Poland
- Qatar
- Russia
- South Korea
- Sweden
- Tunisia
- Turkey
- United Arab Emirates
Archetype Markets & Sectors

**Buildings & Real Estate**
- Hospitality
- Mixed-use High rise buildings
- Residential
- Commercial & Retail
- Healthcare
- Public Facilities

**Industry & Manufacturing**
- Pharmaceutical & Life Sciences
- Agriculture, Food & Beverage
- Chemicals
- Manufacturing & Assembling
- High-tech
- Automotive & Heavy Equipment

**Energy & Infrastructure**
- Power
- Oil & Gas
- Geographic Information Systems (GIS)
- Water & Environment
- Transportation
- Urban & Leisure Development
Archetype Group Scope of Services

- Architecture & Planning
- Building & Infrastructure Engineering
- Project & Cost Management
- Industrial & Process Engineering
Buildings & Real Estate

Taj Mahal Palace | India

United Family Intermed Hospital | Mongolia

Sanctum Inle Resort | Myanmar

Central Mansions | Cambodia

Hanoi Academy School | Vietnam

Inter IKEA Wuxi | China

King Power Mahanakhon Tower | Thailand
Industry & Manufacturing

- Michelin | India
- BASF | Thailand
- Texas Instrument | Malaysia
- Crown Factory | Myanmar
- Khmer Brewery | Cambodia
- Medochemie Factory | Vietnam
- Plastic Omnium | China
Energy & Infrastructure

- Eco-city Astana | Kazakhstan
- Maldives International Airport | Maldives
- Organica Waste Water Treatment | Indonesia
- Phong Dien Solar Power Plant | Vietnam
- IOCL Madurai and Trichy | India
- Trina Solar | China
Celebrating more than 60 years of excellence and integrity
Since 1955, PAE Design and Facility Management has evolved into one of the most progressive providers of both Architectural Design and Facility Services in Japan.

ABOUT PAE
Founded in 1955

Solid Partner of International Firms in Japan It’s Founding

Multi-disciplinary practice

First Class Architectural Design License

Presence in Over 70 countries

Over 23,000 Employees

Over 23,000 Employees
PAE Asia Pacific Offices
- Japan - Tokyo
- Korea - Seoul
- Vietnam - Ho Chi Minh
- Singapore
- New Zealand - Wellington
- US Emb Programs - China
- US Emb Programs - Vietnam

PAE Offices
- PAE Korea OM / WRM
- PAE Vietnam - A/E
- PAE Singapore - Logistics
- PAE New Zealand (Asia Pacific Report)
  - SO, Logistics, FM, Antarctica Contract
- PDFM, Japan - A/E, FM
PAE Services & Markets
Architecture & Engineering
Facility Management

GAP JAPAN Inc. | Japan (6 stores)

Apple Store Japan | Tokyo / Sapporo / Sendai / Nagoya / Kyoto / Osaka / Fukuoka

Victoria Court Apartments | Tokyo

Spanish Embassy | Tokyo

Singapore Embassy | Tokyo
Building Technologies
Project Management

Universal Robot | Tokyo Japan
Hartford Life Insurance | Tokyo Japan
Teradyne K.K. | Kumamoto Japan
CHANEL Store | Tokyo Japan
Nike | Fukuoka Japan
Banana Republic | Tokyo Japan
PROJECT ORGANIZATION
## Project Organization

### Expertise Combination

<table>
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<th>1</th>
<th>Industrial Expertise</th>
<th>Safety in Design Logistic Flows GMP Standards</th>
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<td>Master planning Experience</td>
<td>Design Brief Architectural &amp; Building + Process Concept Engineering</td>
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<tr>
<td>3</td>
<td>Process Engineering</td>
<td>基本 design</td>
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<tr>
<td>4</td>
<td>Japanese Design License</td>
<td>Compliance to local codes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Masterplan &amp; ConceptD</td>
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### Phases

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<tr>
<th>Phase</th>
<th>Activities</th>
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<tr>
<td>Basic D</td>
<td>Architectural &amp; Building + Process Engineering Basic</td>
</tr>
<tr>
<td>Detailed D</td>
<td>Process Engineering Detailed Design</td>
</tr>
<tr>
<td>Procurement &amp; Construction M</td>
<td>Technical Assistance</td>
</tr>
</tbody>
</table>

- **Masterplan & Concept D**: Site Audit, Design Review, Code Compliance
- **Basic D**: Site Audit, Design Review, Code Compliance
- **Detailed D**: Site Audit, Design Review, Code Compliance
- **Procurement & Construction M**: Technical Assistance

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**Archetype** PAE
Project Organization
Seamless Multidisciplinary Team Design Collaboration

BIM 360 = LiveModel
Project Organization
Task Force - Organization Chart

CLIENT PROJECT TEAM

Project Director
Xavier Pinchart

Project & Engineering Manager
Ichiro Suzuki

JAPAN BUILDING DESIGN TEAM

Architectural Team Leader
Ichiro Suzuki

Civil & Structure Team Leader
Imano Michiyuki

MEP Team Leader
Efrain Libongco

Architect

Structural Engineer

HVAC Engineers

Electrical Engineers

Fire Fighting & Plumbing Engineer

ARCHETYPE PROCESS DESIGN TEAM

Process Team Leader
Lucy Yu

Process Engineers

Piping Engineers

Instrument Engineers

Equipment Engineers

CONSTRUCTION MANAGEMENT TEAM

Construction Administration
Maoki Maeda

HSE Manager

Civil Site Supervisor

Mechanical Site Supervisor

Electrical Site Supervisor
# Project Organization

## Team Key People

<table>
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<tr>
<th>Name</th>
<th>Role</th>
<th>Background and Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xavier Pichart</td>
<td>Project Director</td>
<td>Xavier has been in Asia for more than 7 years. He has successfully managed an M&amp;E consultant company in Hanoi for 5 years before taking the role of Managing Director of Archetype Thailand in 2018. He has now moved to Japan to develop Archetype presence in the archipelago and support project execution.</td>
</tr>
<tr>
<td>Ichiro Suzuki</td>
<td>Project &amp; Engineering Manager, Architectural Team Leader</td>
<td>Mr. Suzuki is a licensed 1st Class architect and a 1st Class Building Equipment Engineer with over 40 years of experience. He has experienced many varied work projects and clients such as Apple, Tendyne KK, Hotel PJ Palu, Housing development, Headquarters building in Shanghai, Kuwait Embassy, Tokyo, US Government, and Japanese Government. Mr. Suzuki graduated from Tokyo University with Bachelor's and Master's degrees in Architecture and is a member of the JA and AIA.</td>
</tr>
<tr>
<td>Inano Michiyuki</td>
<td>Civil &amp; Structural Team Leader</td>
<td>Mr. Inano has over 20 years of experience in the US Military Design in Japan having worked with several AE firms in the past. He worked with companies that were contracted for NAVFAC FR IDIQs for Civil Engineering, Structural Engineering, and Environmental Engineering. He has deep knowledge of engineering design and project processes and is currently leading the Team of PAE capable and experienced Civil/Structural Engineers.</td>
</tr>
<tr>
<td>Efrain Libongco, P.Eng</td>
<td>MEP Team Leader</td>
<td>Mr. Libongco has over 30 years of experience in military, industrial, and commercial projects as a mechanical design engineer for various projects in the Philippines, Canada, Saudi Arabia, and Japan. He worked at various architecture and engineering firms, EPCM companies, and contractors. Experience includes preparing cost estimates, site survey reports, studies, and field assignments as an on-site and module fabrication yard construction engineering support member.</td>
</tr>
<tr>
<td>Lucy Yu</td>
<td>Process Team Leader</td>
<td>Ms. Lucy Yu has over 16 years of experience in process design of chemical plants. In her position as process engineer, she has been involved in many technology negotiations with contractors and clients, engineering and technology management practices in various projects. She is familiar with international engineering project management and engineering execution.</td>
</tr>
<tr>
<td>Maoki Maeda</td>
<td>Construction Administration</td>
<td>Mr. Maeda is an architect specializing in Construction Administration, including Scheduling, Management, Quality Management, Construction, and Vendor Coordination, building, and room layout. Construction Supervision for Sea Wood Kurima Resort on Kurima Island, Okinawa is one of Mr. Maeda's most recent projects.</td>
</tr>
</tbody>
</table>
OUR REFERENCES
GUCCI IN ZA

TO K Y O  J AP A N
RETAIL SHOP  2200 M²
LOCAL ARCHITECT  INTERIOR / MEP DESIGN
HENKEL ADHESIVE SOUTH KOREA
INCHON, SOUTH KOREA
ADHESIVE ELECTRONICS MATERIALS PLANT 8,200 M²
ARCHITECTURE ENGINEERING
Kellogg's Factory
Negeri Sembilan, Malaysia
Potato Chips Factory - 50,000 m²
Architecture, Engineering, Project Management, Cost Management (EPCM)
HSE Management, LEED Consultancy Service

LEED Silver Certification
MARS PETCARE FACTORY
CHONBURI, THAILAND
PET FOOD FACTORY • 20,000 M²
ARCHITECTURE • ENGINEERING • COST MANAGEMENT • CONSTRUCTION MANAGEMENT (EPCM) • INTERIOR DESIGN
MARS PET FOOD PROJECT

TIANJIN, CHINA
FACTORY 67,000 M²
WET & DRY PROCESS ENGINEERING
THANKS

www.archetype-group.com