Unlocking Potentials, Driving Growth

2016 ULI Fall Meeting

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River of Life
Kuala Lumpur, Malaysia

Calligraphy Promenade
Taichung, Taiwan

Central-Mid Levels Escalator
Hong Kong
River of Life
Kuala Lumpur, Malaysia

Context
Entry Point Project in Greater Kuala Lumpur-Klang Valley National Key Economic Area under the Economic Transformation Programme

- 4th biggest river basin in Malaysia, joined by 13 major tributaries
- Length of River: 120 km
- Catchment Area: 1,288 km²
- Project Value: 1.6 Billion USD

Goal
Transform the rivers into a vibrant & thriving waterfront by 2020
Create an Iconic waterfront development

River of Life Catchment Area
Project Scope

- Provide a **strategic framework** through **Urban Design Guidelines** and **Landscape Design Guidelines** to promote cohesive future developments in the entire region.
- Deliver Master Planning & Beautification component including flood mitigation strategies (Study Area: 781.5 hectares).
- Detailed design proposals including tender documentation.
- Construction management across the **10.7km** site.

![Project Scope Diagram](image-url)
Key Issues and Challenges

• Drive community transformation and engagement with water infrastructure

• Measure value and impact to economic, natural and social environments

• Work with complex steering committees cause delays in program approval

• Knowledge transfer fundamental to building local capacity of both AECOM staff and local sub-consultants.
River of Life Future Land Development Zones

Parcels need to enhance:
- activation of the river corridor
- balanced mix of development types
- appropriate response to neighborhood context
- promotion of transit oriented development

Government Land Parcels: 111
Total Area of Government Parcels: 108.9ha (14% of total Project Area)
Masjid Jamek
Grand Stairs
Current Works – Masjid Jamek
Phase 1 Guiding Gallery vs. Current Works on River Edges
Completed Work: China Town

- **A Bowlful of Memories** by Stephanie Kuen
- Captured fond memories of the hustle and bustle of KL streets through art
- Incorporated Chinese paper cut to create gateways to China Town
China Town Streetscapes (after)
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Taichung is evolving into a Mega Regional Hub in Asia

- World’s Best Cultural and Art City
- Top 7 Intelligent Community
- Intelligent Community of the Year
Content and Context

- Land Area: 6.5 hectares
- Total Length: 3 km
- First Phase: 1 km
- Linking National Science Museum to Civic Square, largest public space in Taichung

- Master Plan was submitted to Central Government by Taichung City to get funding from Central Government
Self-renewal of Adjacent Properties

150,000 shrubs planted on vertical wall of Eslite Bookstore reduced carbon emission by 195 kg/day


2009: Masterplan completed
2010: Construction began
2012: Landscape construction completed


Comparison of Property Value Increase 2009 - 2012

Adjacent property values increased 69%
- 22% more than overall Taichung average
- Real estate < 5 years exceeded by 31%

Opportunities created for young entrepreneurs within the community
Integrated Existing Environment & Communities

All 1040 existing trees were preserved.
Enhance Sustainability

- Integrated bio-swales into edges of landform
- Increased > 20% of permeable surface
- Created maximum runoff infiltration
- Retained and recycled rainwater for micro-mist irrigation to reduce temperature
Created Venue for Festivities
Activated Civic Square
Activated Civic Square

Annual Taichung Jazz Festival: over 1.2 million audience in 2 weeks
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Central-Mid Levels Escalator
Hong Kong

- Opened in Oct, 1993
- World’s **longest** outdoor escalator system
- **First** public moving walkway system in HK
- **18** reversible one-way escalators,
  **3** reversible one-way travellators
- Open downhill from 6 am to 10 am,
  uphill from 10 am – midnight
- Cost: **HKD 240 M** (US 30M)
World’s Longest Covered Escalator System

20 access points linking narrow alleys and major streets

- 800 m in distance
- 135 m in elevation
- 0.65 m per second
- Travel time: 20 min
Public Transit System

85,000 Pedestrians per day

“Coolest Commute in the World“
CNN, 2015
Created F&B and Commercial Activities on Multiple Levels

Enhanced development of Soho Area
Before and After
Created Cultural Impacts

Ma Ying Jeou
President of Taiwan, from 2008-2016
Created Cultural Impacts

Released in over 20 countries
ChungKing Express (1994)
Created Cultural Impacts

Over 1 b USD
Box Office
The Dark Knight: Batman (2008)

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Embrace the Existing
Embrace the Existing
Engage the Community
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Engage the Community
Enliven the Economy and Environment
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Engage the Community
Enliven the Economy and Environment
Explore Innovative Solutions