

Transport Infrastructure: Projects to Watch

2018



About FMR

- Established in 2014 as a fully-owned subsidiary of Frontier MEA (UK)
- Delivers in-depth business information, research and analysis reports and advisory
- Other offices in Libya, Egypt and UK

Research and Advisory

- Publishes subscription services and trade reports focusing on specific industries
- Provides custom research to cater to individual client needs

Core Competencies

- Navigating opaque markets where reliable data is scarce
 - Obtaining original, on-the-ground research through local and international expertise
 - Offering unbiased and independent perspectives
-

Subscription research



- Launched in 2014



- Launched in 2017



- Launched in 2015



- Launching April 2018
-

Road



Yangon to Dala Bridge

Start Date	Estimated Completion	Location	Value
April 2018	2021	Yangon	\$168m

- Winning bid expected to be announced in March 2018
- Components: 690m cable stayed bridge, 601m Dala approach bridge, 576m Yangon approach bridge, 467m ramp, 526m ramp



*Photo source:
Focuscore Group*

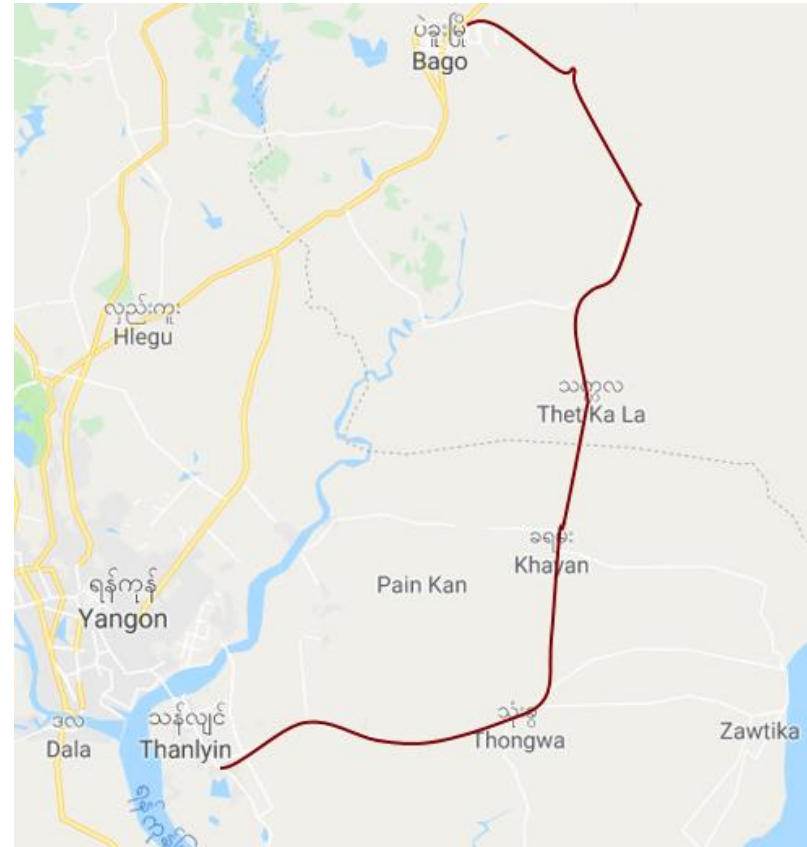
Yangon to Dala Bridge



Bago to Thanlyin Highway Upgrade

Start Date	Mid-2018
Estimated Completion	FY 2020-2021
Location	Yangon & Bago Regions
Value	Unknown

- Backed by the ADB; component of GMS Highway Modernization
- Positive implications for Thilawa SEZ
- Widened to four-lane highway



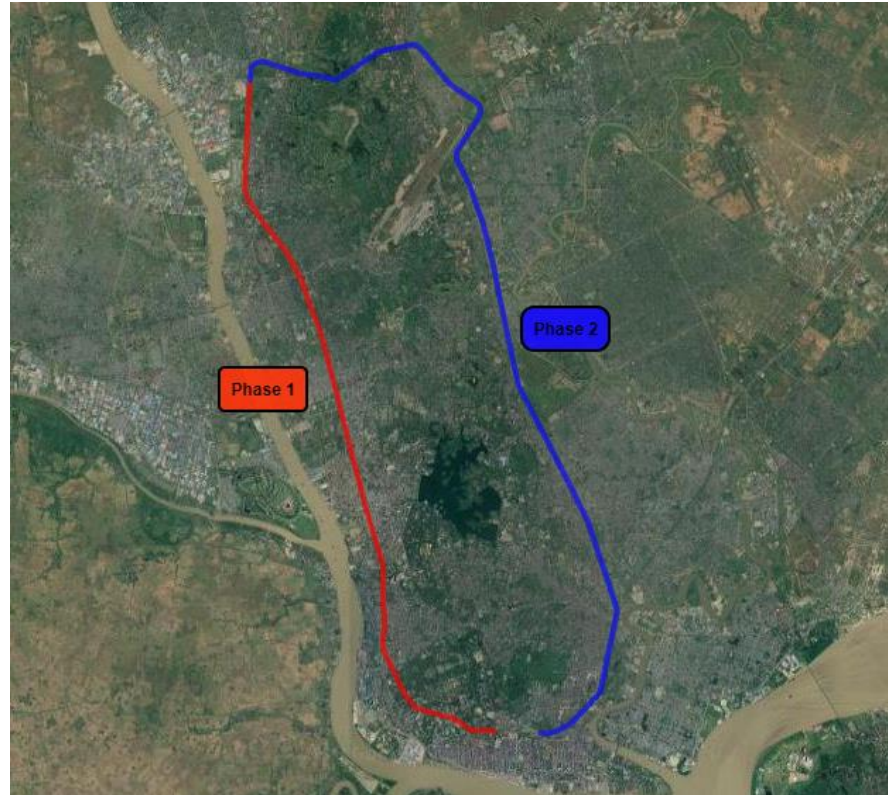
Rail



Yangon Circular Railway Upgrade

Start Date	Q1 2018
Estimated Completion	2020
Location	Yangon
Value	\$300m

- Upgrade split into two phases: western and eastern halves
- A1 and Shwe Taung to upgrade tracks, signaling devices
- Phase 1 slated for Q1 2019 completion



Yangon to Mandalay Railway Upgrade

Start Date	H2 2018
Estimated Completion	2023
Location	Yangon, Bago, Mandalay Regions
Value	~\$1bn

- Three Myanmar-Japanese JVs shortlisted
- Purchase of 24 diesel-electric trains
- Will cut end-to-end travel time by roughly seven hours
- \$210m loan to finance Phase 1



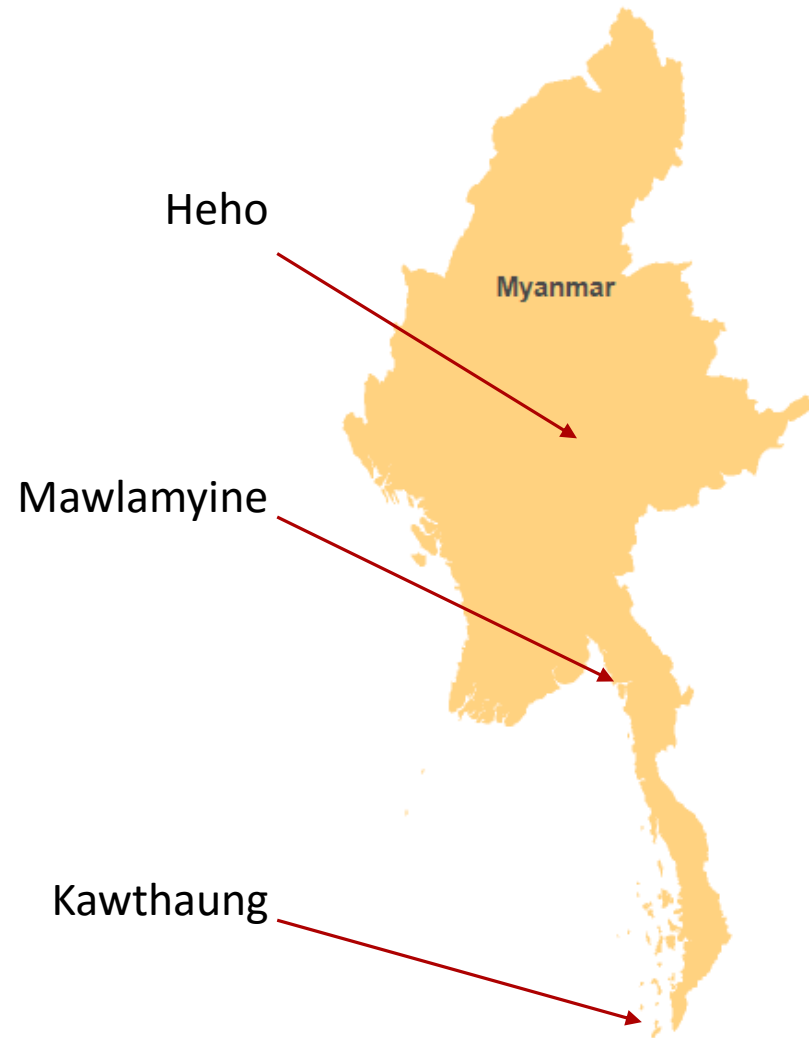
Aviation



Regional Airport Upgrades

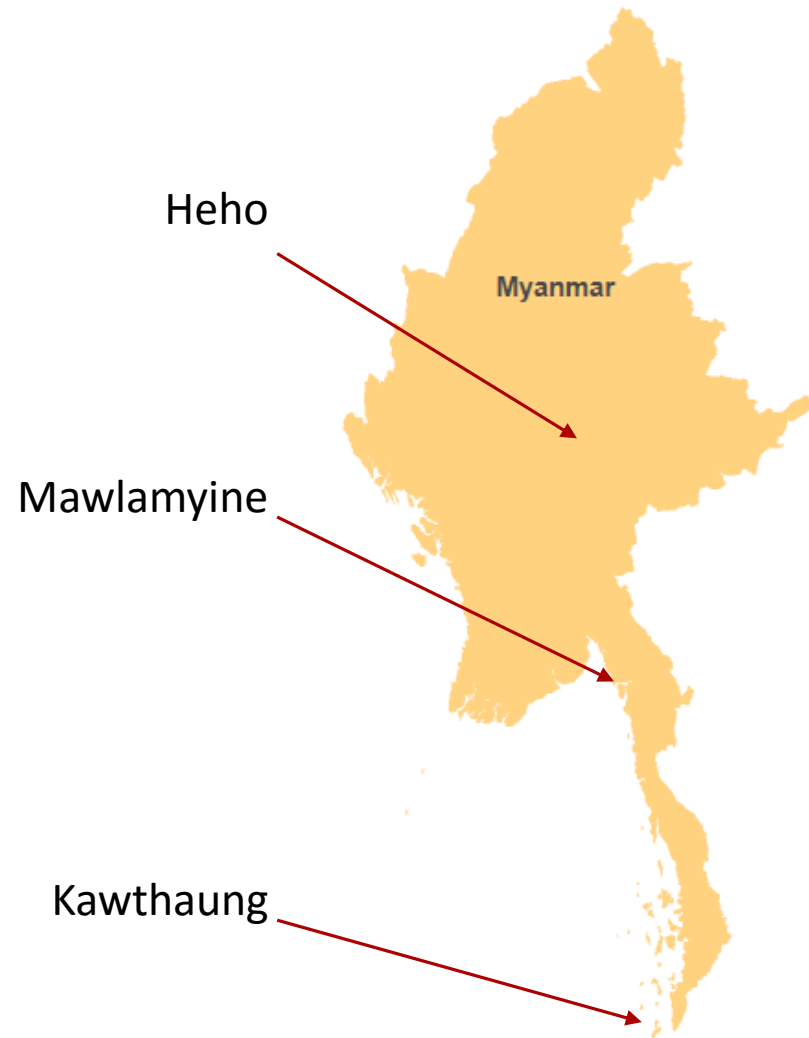
Start Date	Late 2018
Estimated Completion	Unknown
Location	Heho, Mawlamyine, Kawthaung
Value	Unknown

- Upgrade and management of regional airports through PPP
- First regional airports tendered out to the private sector
- Shortlist (somewhat) announced in January 2018



Regional Airport Upgrades

Heho	<ul style="list-style-type: none">• KBZ Group• Htoo Construction• Robust Goal
Mawlamyine	<ul style="list-style-type: none">• Hinthar Group• Exera
Kawthaung	<ul style="list-style-type: none">• FMI• GMR Greenland Asia Sun Consortium• Yangon Airport Group• Golden Myanmar Airlines



Chin State Airports

Start Date	2018 (Falam)
Estimated Completion	2021 (Falam)
Location	Chin State
Value	\$19m (Falam)

- Chin State is the only administrative division without an airport
- There are five proposed sites; two projects will most likely move forward
- Earthwork now underway at Falam airport site



Water



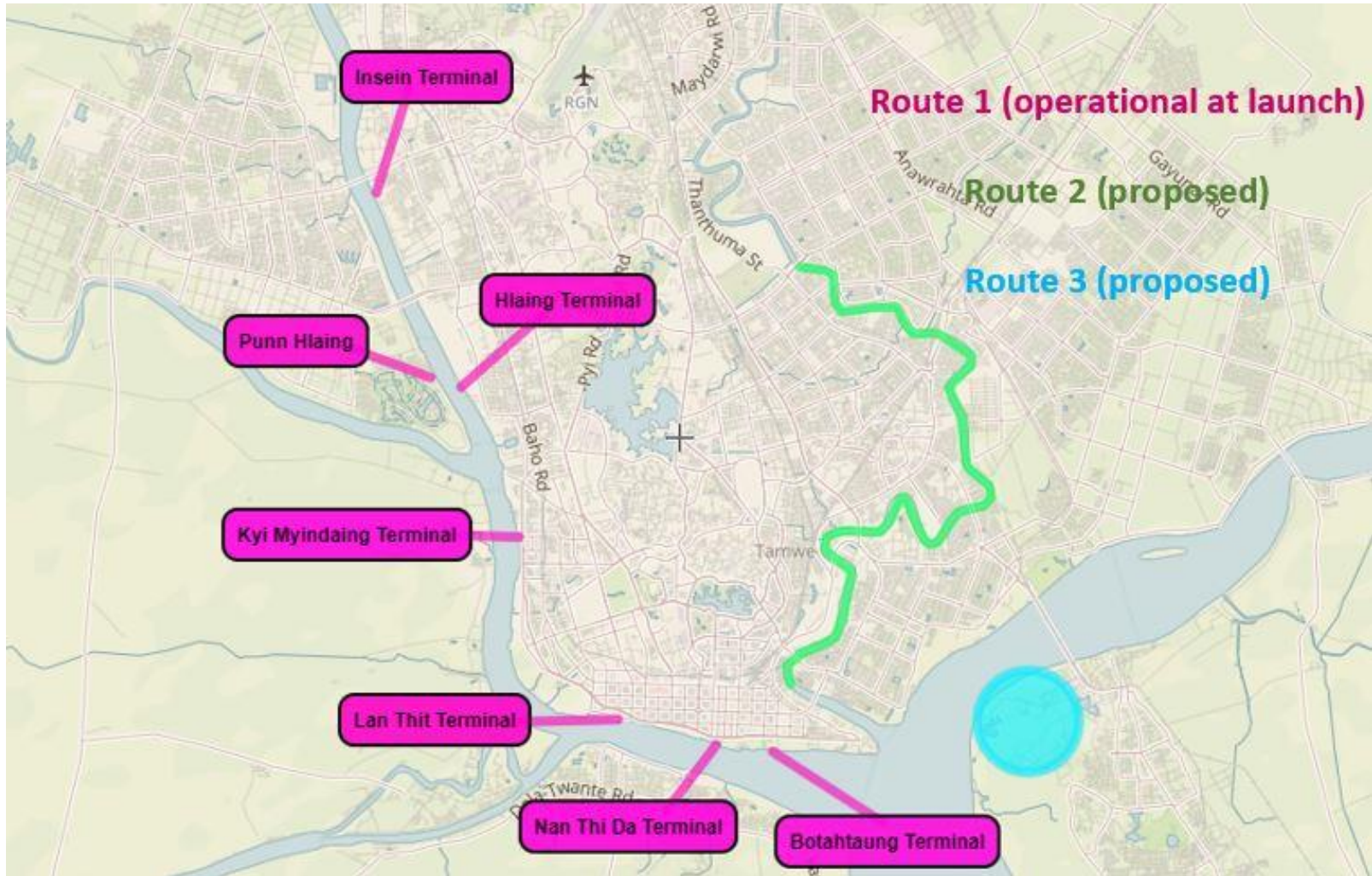
Yangon Water Bus Phase II & III

Start Date	Q1 2018
Estimated Completion	H2 2018
Location	Yangon
Value	~\$30m (all phases)

- Phase 2 will run along Nga Moe Yeik Creek
- Phase 3 will run between Thanlyin and downtown
- Plans in place to link YBS routes with jetties



Yangon Water Bus Phase II & III



Irrawaddy River Navigation Project (Mandalay-Nyaung U)

Start Date	Mid-2018
Estimated Completion	2020
Location	Mandalay Region
Value	\$38m

- First of three programmes in Ayeyarwady River Basin Management project
- Includes dredging, bank protection, installation of lighting & signaling systems
- Funded by the World Bank



Photo source: Myanmar Times

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