

Megaprojects, Mega Mistakes — And How to Take Back Control

Robert Webb

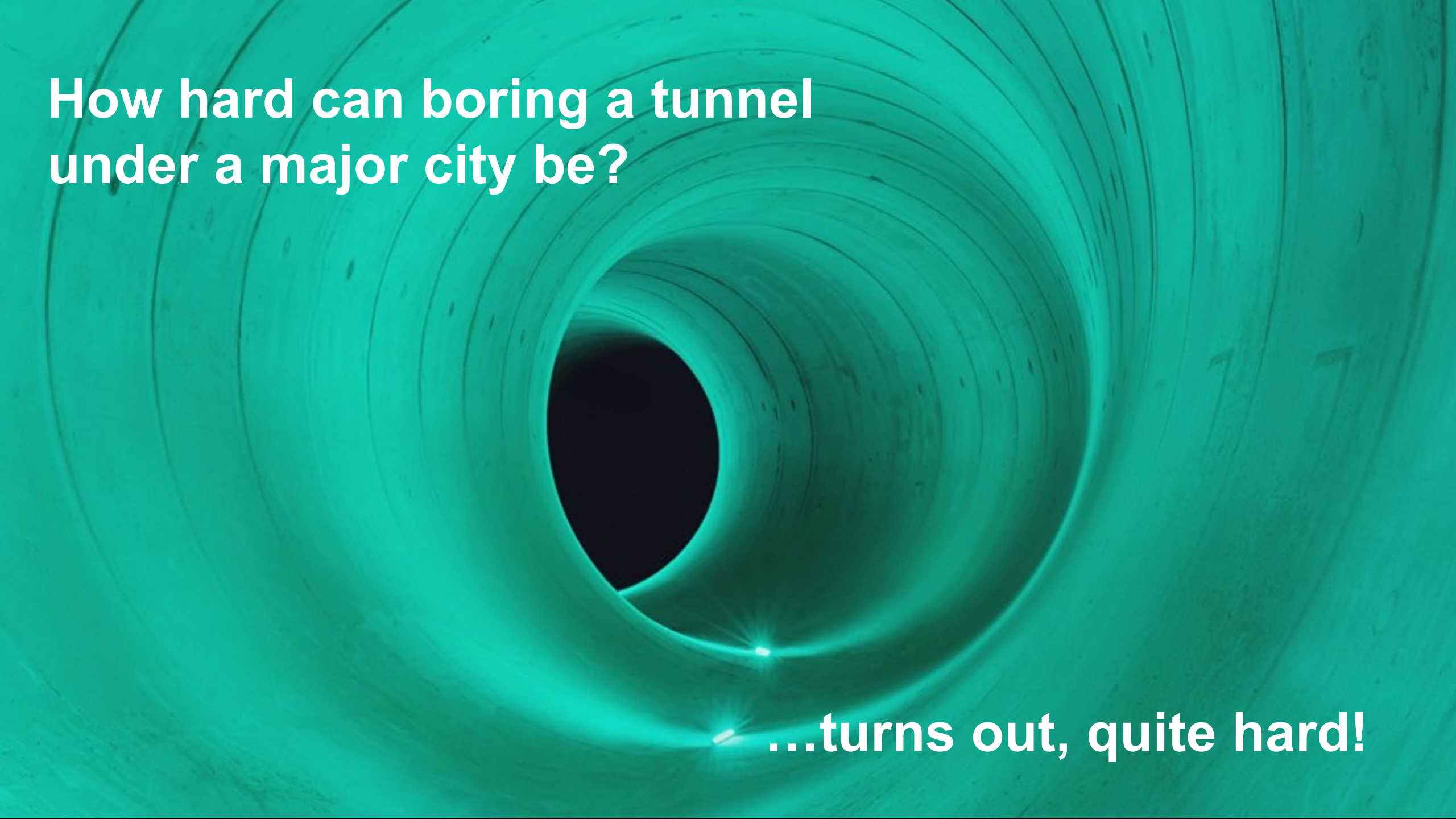
Program Assurance & Risk Management Group Lead | LANL

2026 KOnnect

Europe - Tunnel

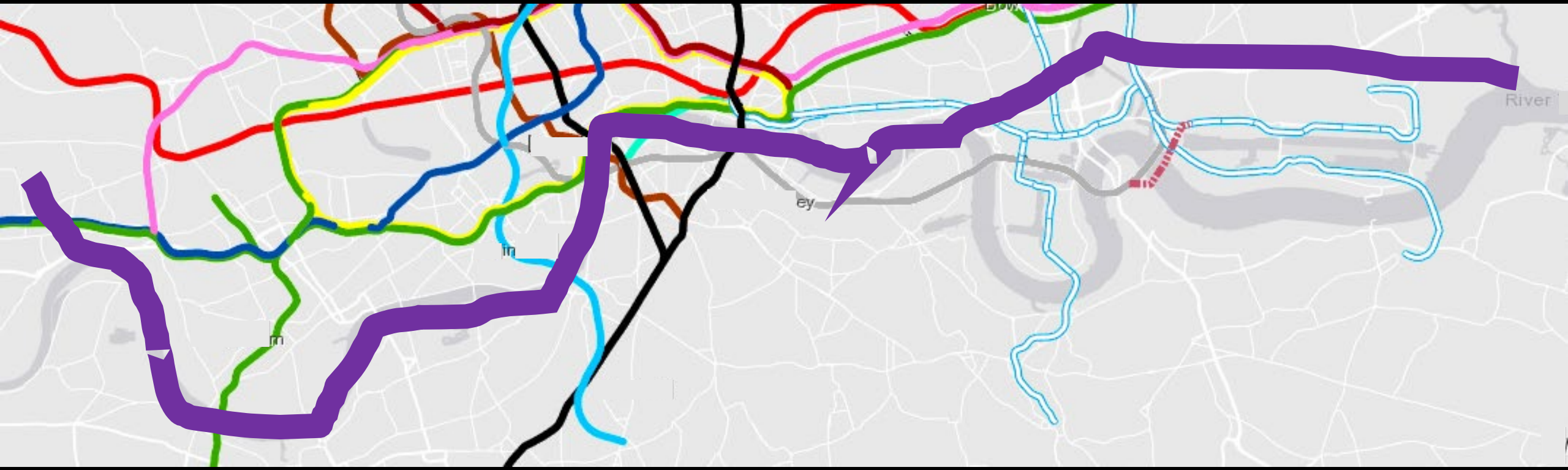





How hard can boring a tunnel under a major city be?
…turns out, quite hard!




Tunnel lining after



25km (15.5 miles) long

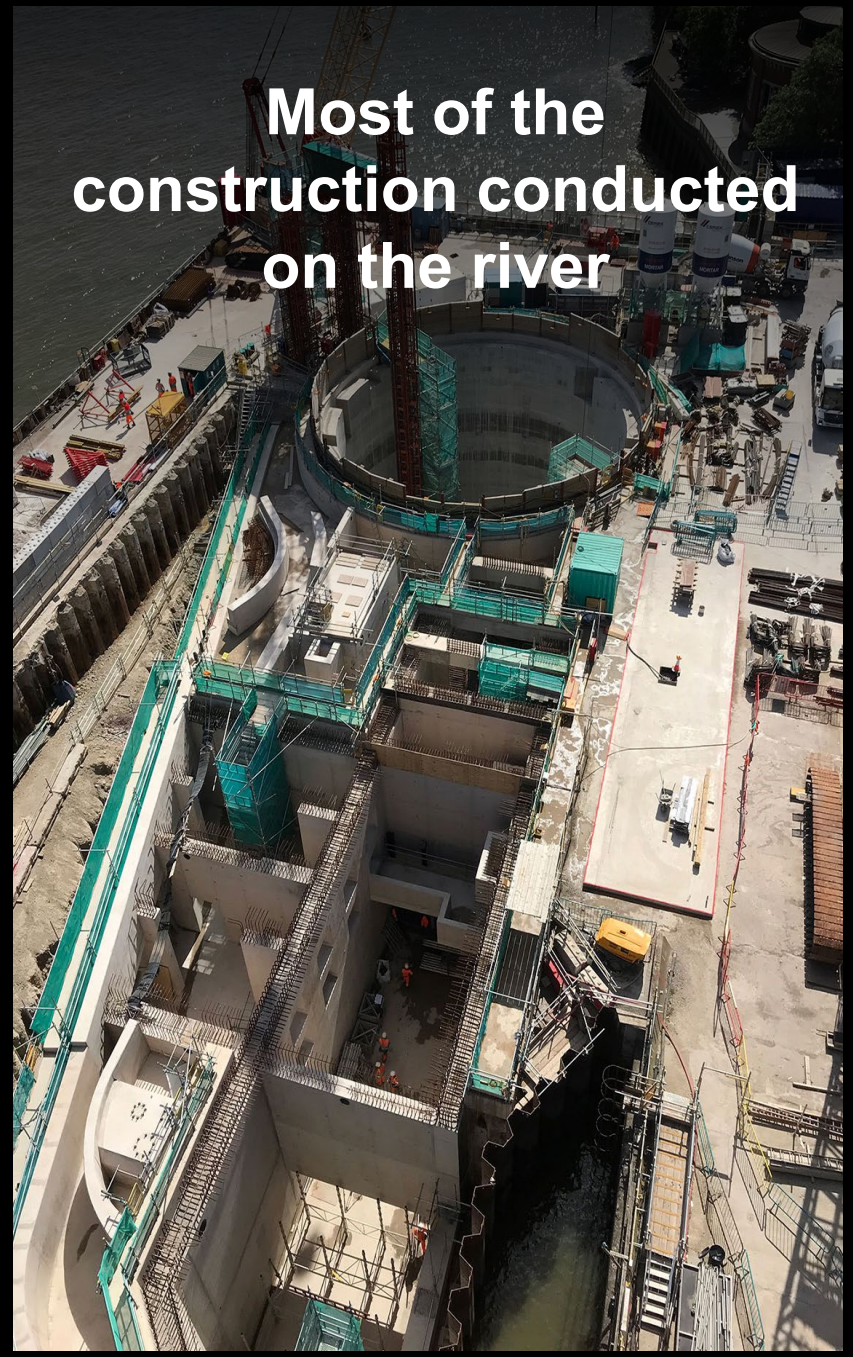
7.2m (23.6ft) in diameter

…following a river running through the center of a major capital city


Requirement: Transport at least 90% of all materials by river

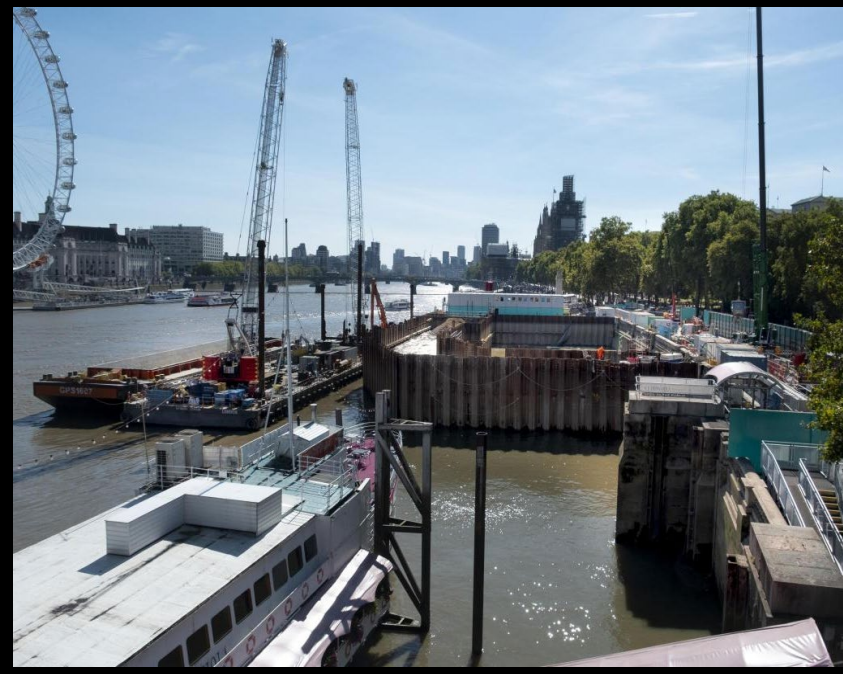


Most of the construction conducted on the river











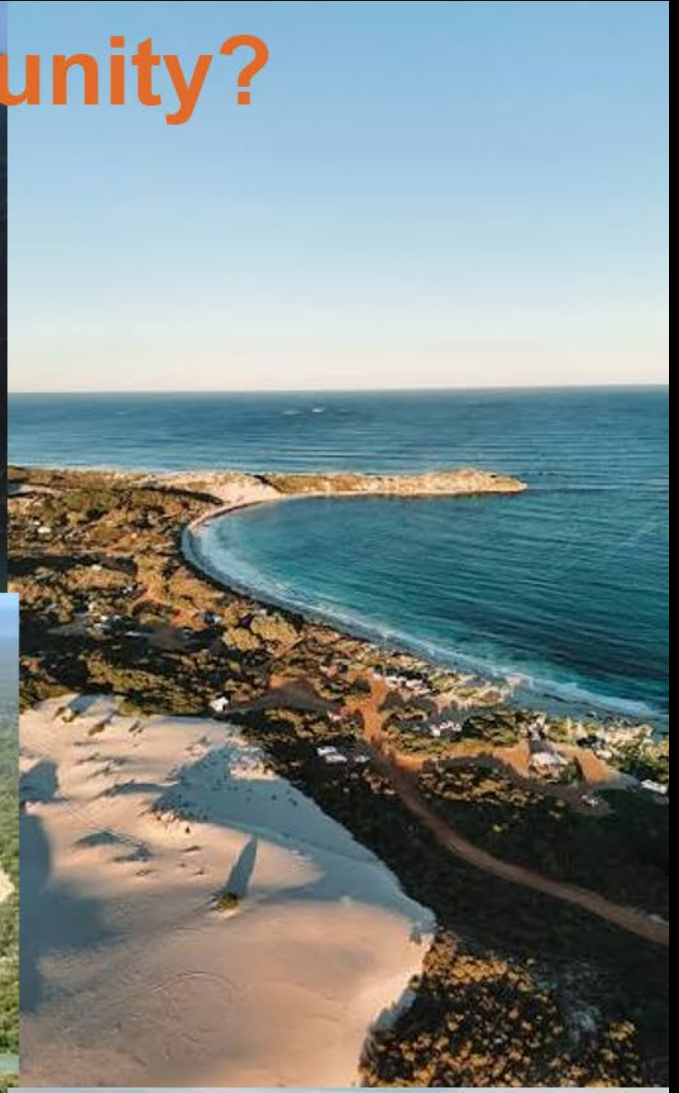
Australia - LNG



National Park or National Opportunity?

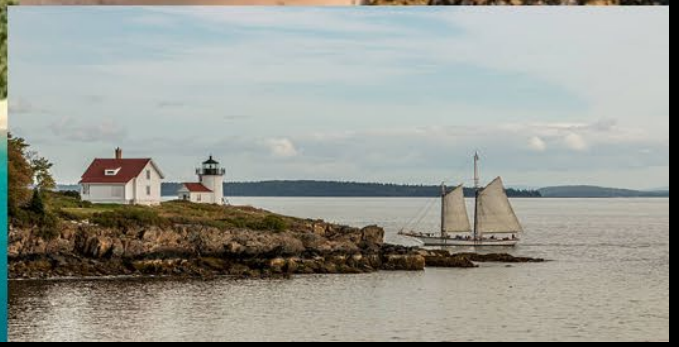


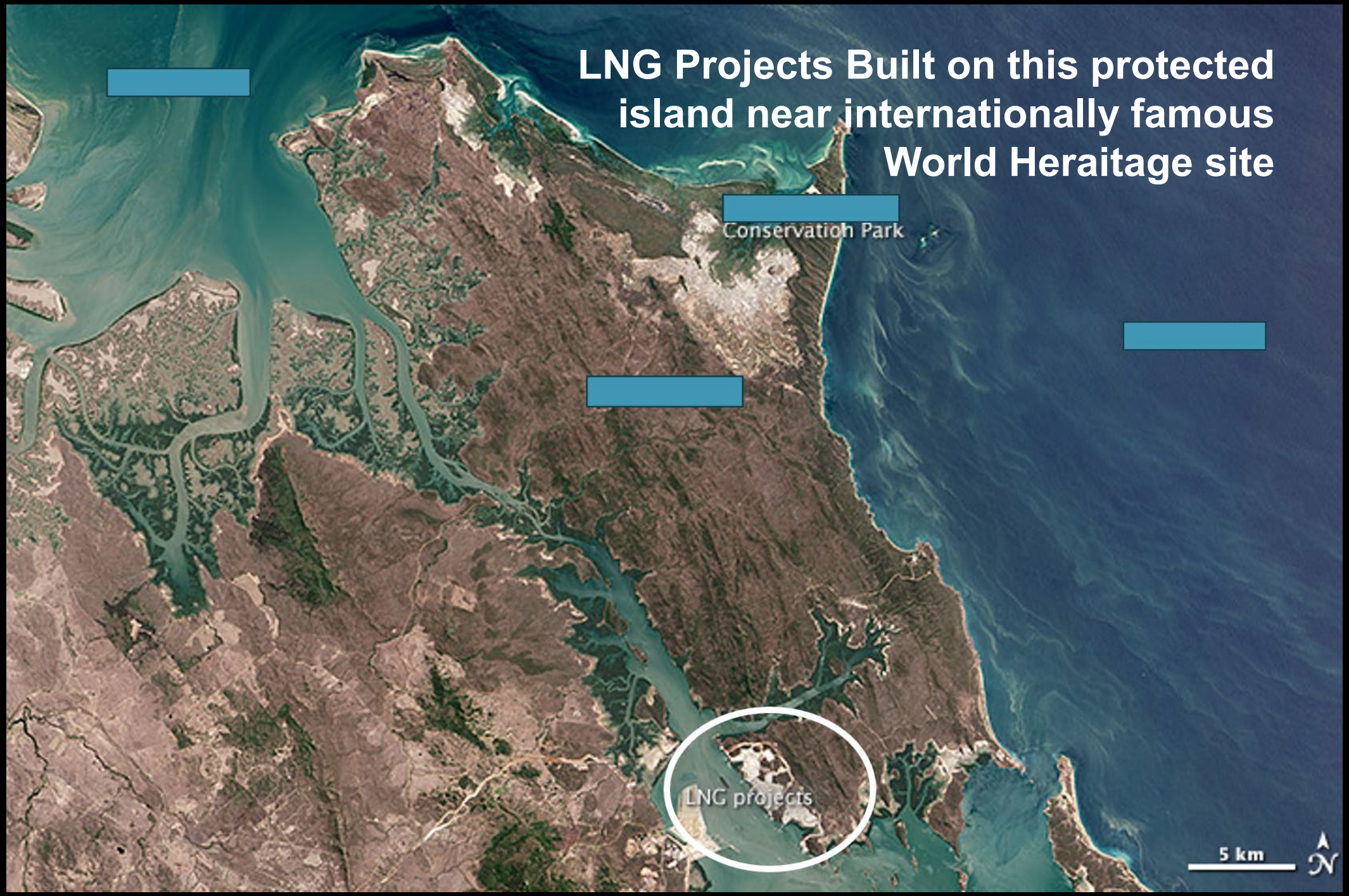











LNG Projects Built on this protected island near internationally famous World Heraitage site
Conservation Park
LNG projects
5 km
N


One contractor, three
companies…all built concurrently



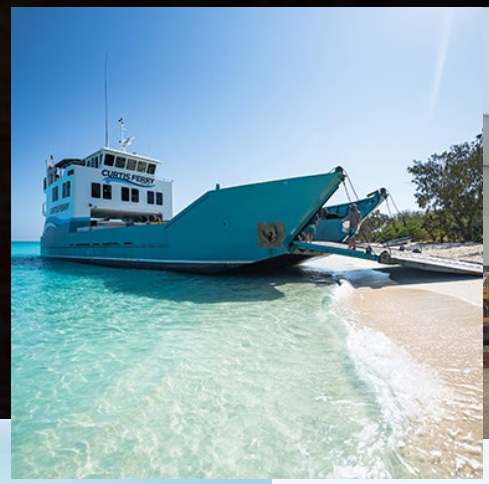
8% of total global LNG production

Six trains, 260 individual modules (all built off site)



Legacy: World Heritage Site protected and secured; individual access and enjoyment of the island improved; and local economy growth













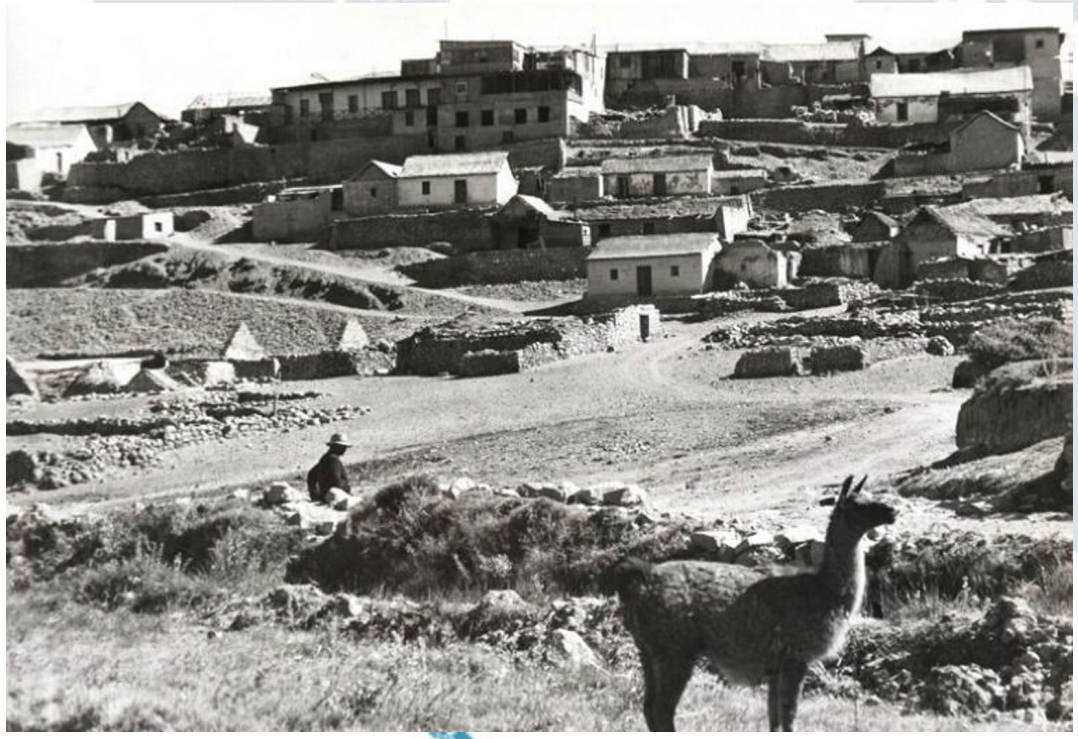

South America -
Mine



Beautiful country…with outstanding hiking opportunities







Then the work begins…













Not the actual person in the story…but reminds me of her…









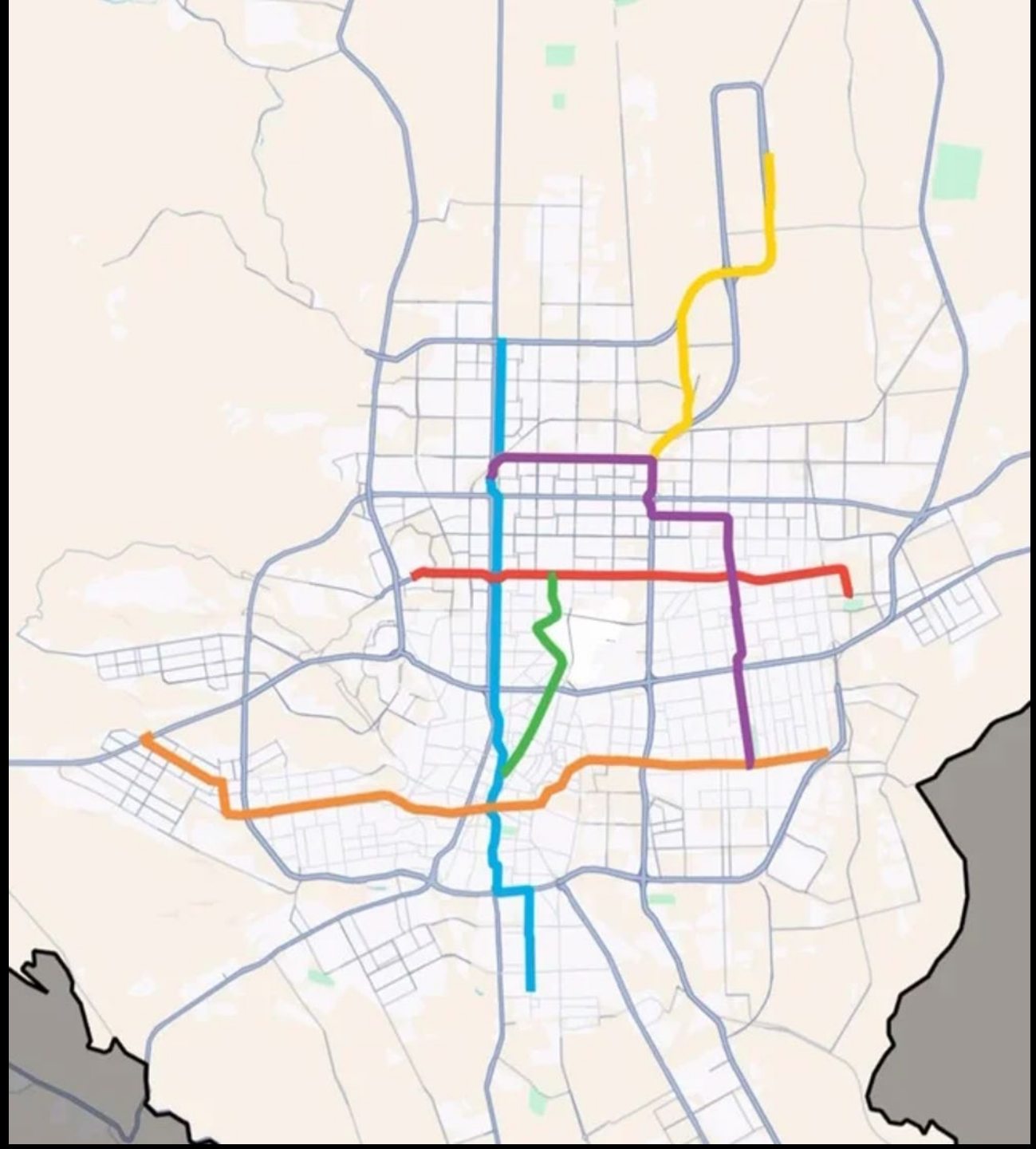
Asia - Rail



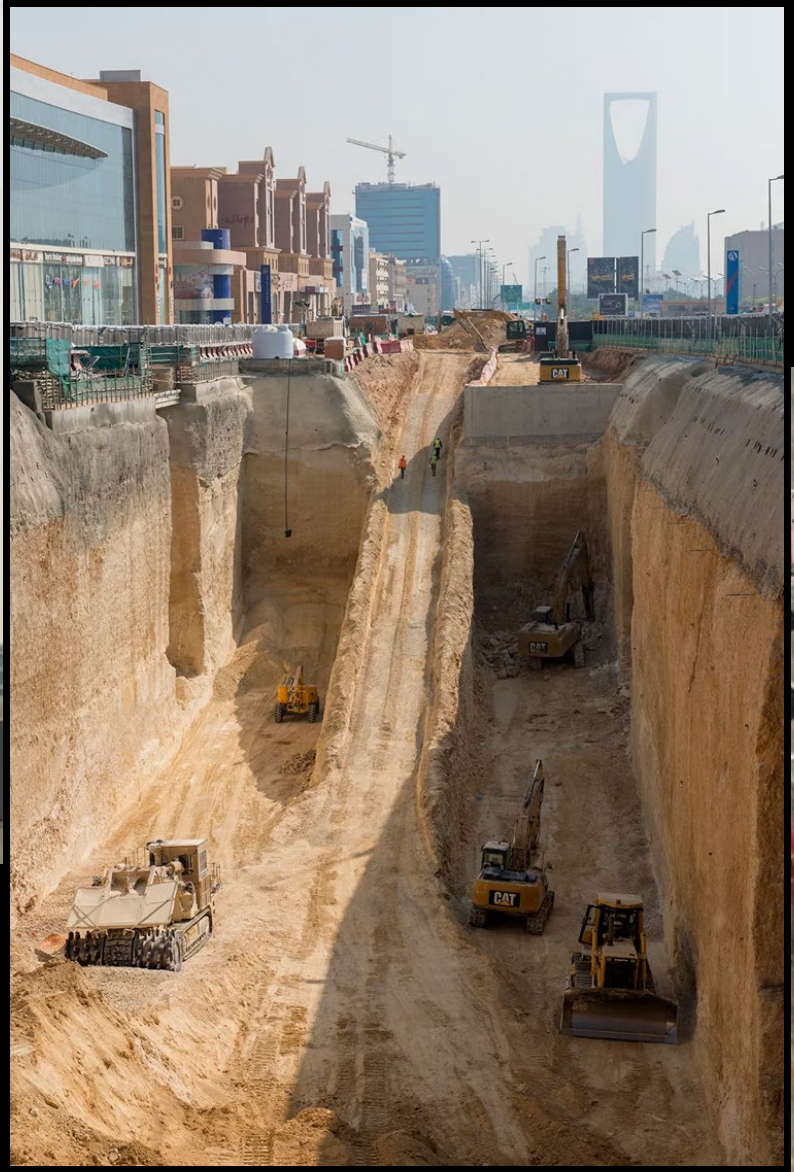



New rail network for major capital city

We built the red and blue lines…63km of the 176km total for all six new lines







Rail line includes elevated, ground level, and underground tracks



Work conducted on roads that were not fully closed to vehicle traffic

Road traffic accidents were a daily occurrence and concern



Construction works often shut down due to incidents



Both of these accidents happened within a two-week period…not unique



Customer insisted on ‘iconic’ stations unlike any others in the World

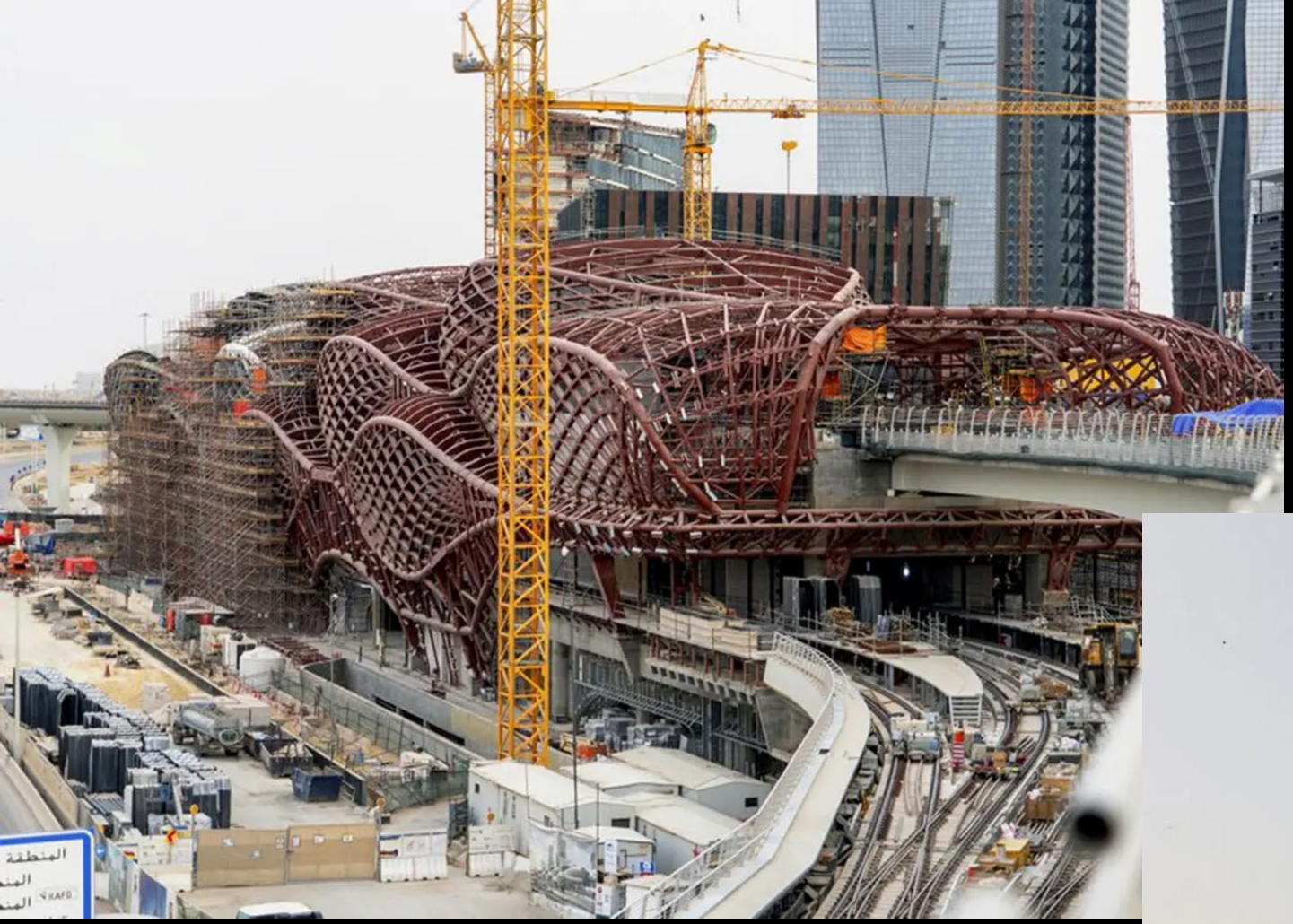














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QUESTIONS

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CONNECT WITH ME

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THANK YOU
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