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Laos – Vietnam Railway Project I Executive Summary

PREPARED BY PTL Capital

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Executive Summary (1/2)



“An opportunity to invest in the transformative Laos-Vietnam Railway Project (LVRP), a government-backed, cross-border rail corridor connecting Laos to global markets via Vietnam’s Vung Ang Port”

1

Background

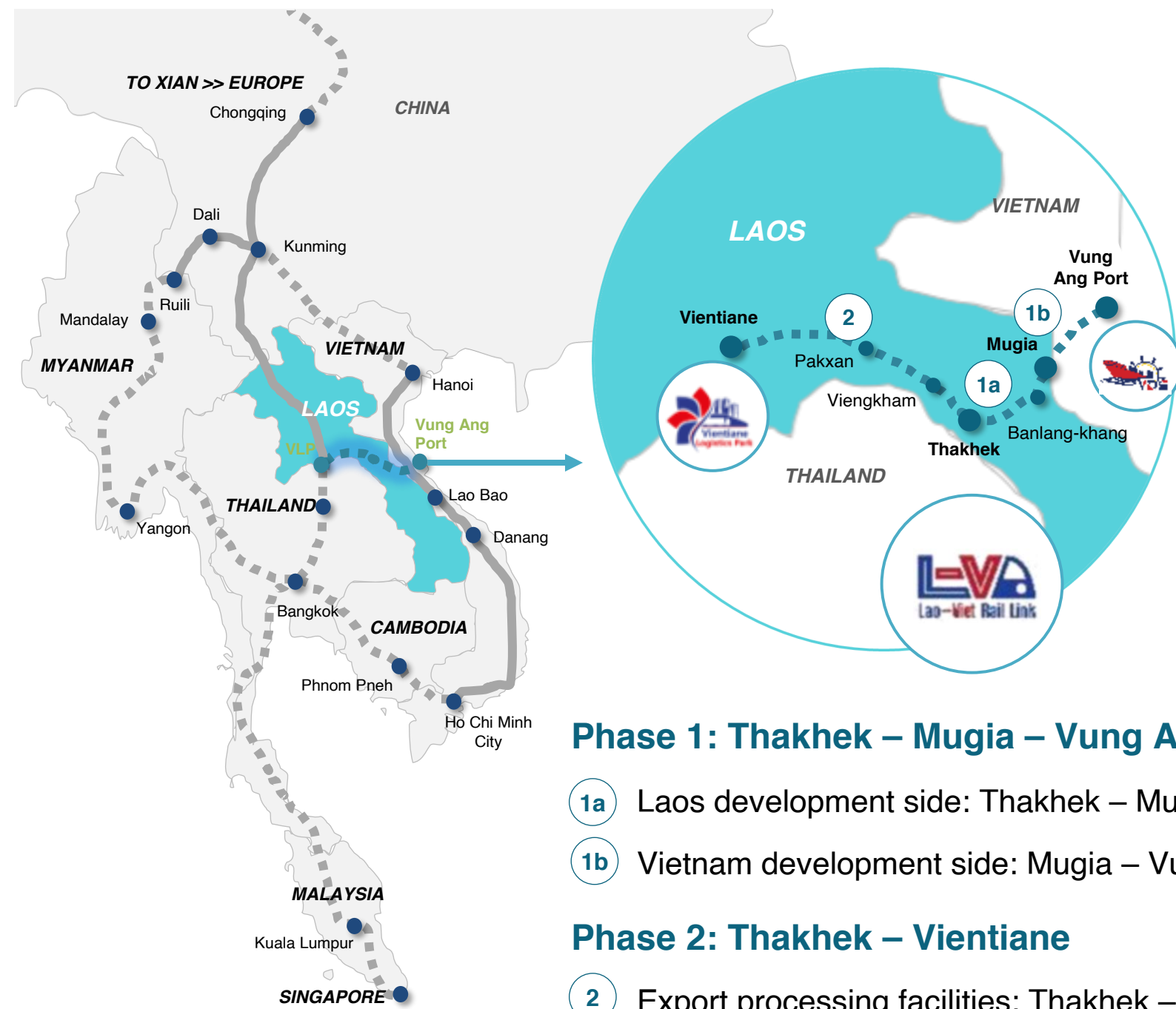
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About the Sponsors

3

Economic & Financial Highlights

- Laos-Vietnam Railway Project (“LVRP”) is a **562 km single-track electric rail link** connecting Vung Ang Deep Seaport in Vietnam to Laos’ economic hub in Vientiane;
- LVRP will be **the 1st rail link** between the two countries, **providing greener, faster, and cost-effective** logistics option for trade within the Greater Mekong Subregion (“GMS”), South Asia, China and Europe.



Phase 1: Thakhek – Mugia – Vung Ang

- 1a Laos development side: Thakhek – Mugia, 145 km
- 1b Vietnam development side: Mugia – Vung Ang, 105 km

Phase 2: Thakhek – Vientiane

- 2 Export processing facilities: Thakhek – Vientiane, 312 km

LVRP is led by PTL Holding (“PTLH”), one of Laos’ largest diversified business groups with operations in Laos and Thailand.

- Backed by the **Government of Laos (GOL)** and global development partners (e.g., IFC), PTLH has a proven track record of delivering transformational projects.
- Developer of the key nodes of the **integrated logistics corridor**:



Vientiane Logistics Park (VLP)



Thanaleng Dry Port (TDP)



Vung Ang Deep SeaPort (VDS)

- Taking a **holistic, integrated infrastructure approach**, PTLH combines rail, dry port, marine terminal, power, and **green energy assets** for sustainable growth and operational efficiency.

Economic & Financial Highlights

Key Economic Outputs



US\$ 76.6 bn of economic benefits (2025-2070)



BCR of 1.86 with **Econ IRR 26.8%**



Low-carbon infrastructure:
Powered by Laos’ renewable energy advantage

Key Financial Outputs



Revenue US\$ 58,889 mn
EBITDA margin 81%



CAPEX US\$ 6,608 mn
Phase 1a - US\$ 1,339 mn and 1b - US\$ 1,430 mn
Phase 2 - US\$ 3,840 mn



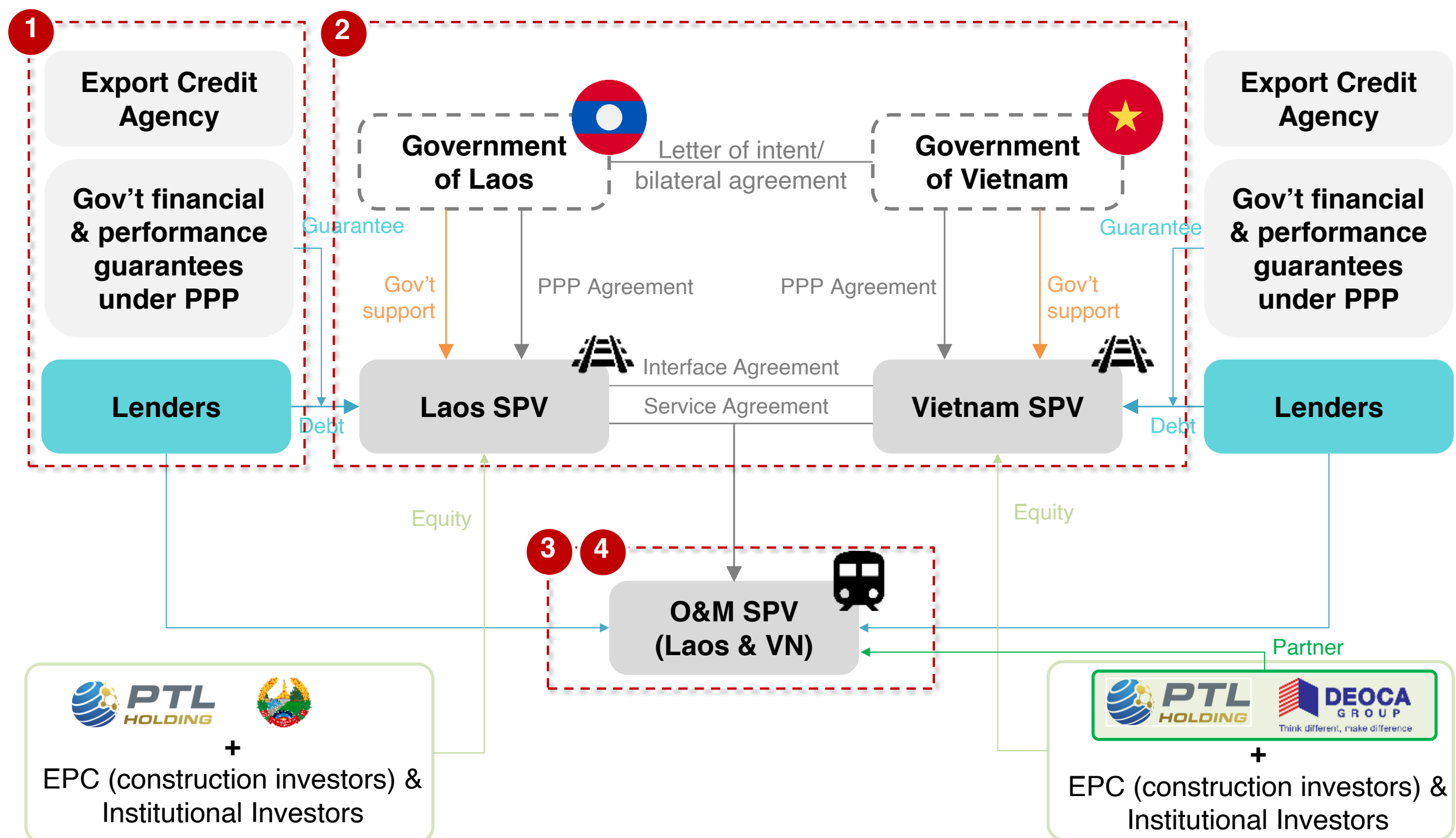
Without any government support:
Project IRR 7.1% and **Equity IRR 11.2%**
With Government Viability Gap Funding (VGF):
25% VGF - Equity IRR 12.0% (13.0% for Phase 1)
50% VGF - Equity IRR 12.7% (14.4% for Phase 1)



De-risked structure:
PPP model with Viability Gap Funding (VGF) and potential Minimum Revenue Guarantee (MRG)

Executive Summary (2/2)

4 Indicative Project Structure



5 Project Timeline and Milestones

	 Laos	 Vietnam
2015-17	Feasibility Studies (FS) by KOICA	
Q4/2019	MOU granted by Government of Laos (GoL)	
Q4/2021	Completion of FS by AFRY	
Q4/2022	Completion of FS by MPWT Certificate of Environment	
Q4/2023	ESMMP approval by MONRE	
Q3/2024	Set up JV between PTLH and Deo CA Group Market study report by ARUP	
Q3/2025	Concession Agreement issued Pre-FEED (Yooshin)	Pre-FS report by TEDI
Q3/2026	Investment Policy Approved	
Q4/2026	IFC-standard EIA Report	FS report by TEDI
2027	Bidding Bi-lateral Interface Agreement Financial Close (FID) Construction Approval	
2028	Construction Start	
2031-32	Commercial Operation Date (COD) for Phase 1a and 1b	

- 1 ECAs to provide guarantees on to the commercial lenders of the operations phase/purchase of rolling stock and procurement of EPC services for construction of infrastructure
- 2 For the construction phase, GOL/GOV to provide viability gap financing (up to 50% for Vietnam, to be determined for Laos) via a combination of state budget and concessional loans from MDBs
- 3 For the operation phase, GOV/GOL to some fiscal support in the form of minimum revenue guarantees (MRG)
- 4 If MRGs are not available, GOL/GOV to provide strong debt acquisition guarantees



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