

Financial Analysis **ASSUMPTIONS** • Inflation Rate 4.5% • Exchange Rate: Forex deviation 6.25% Days in Year=340 days, and Tax: RCIT 35% Routine Maintenance Cost: 0.3% of Project Cost p.a. 20% of Project Cost every 20 years which is equivalent to 0.44% p.a. under 8% of annual interest rate · Periodic Maintenance Cost · Operation Cost: 12% of annual gross revenue Other costs such as: - Pre-operating Cost - Income Tax and Local Government Tax Corporate Overhead are ignored at this stage of Project F-IRR estimation.

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Project	F-I	IRR (%)	NPV	B/C
Project	Real	Nominal	US\$ million	-
NS-1&2	21.9	26.6	1,489.1	1.68
NS-3	17.9	22.6	1,115.4	1.45
NS-4	13.2	17.9	253.1	1.09
NS-5	11.9	16.6	-21.2	0.99
NS-1,2&3	19.2	23.9	2,495.0	1.54
NS-1,2,3,4&5	15.5	20.2	2,765.7	1.26
NS-4&5	12.1	16.8	42.8	1.01
DH-2	39.5	44.2	3,180.8	2.72

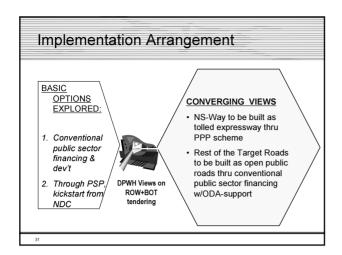
Note: NPV and B/C are in real term without inflation.

Project IRR in Base Case

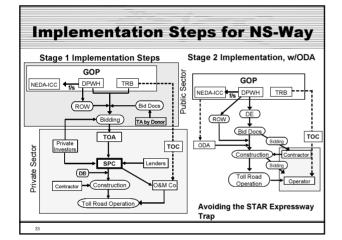
Project	Base Case	Open in 2020	Never implemented	tolled at P 2.49 /km
NS-1&2	21.9	23.8	24.8	23.8
NS-3	17.9	19.5	20.4	20.3
NS-4	13.2	14.3	15.3	13.6
NS-5	11.9	14.5	17.1	12.8
NS-1,2&3	19.2	21.0	21.9	21.4
NS-1,2,3,4&5	15.5	17.5	18.9	16.8
NS4&5	12.1	13.3	15.2	12.4

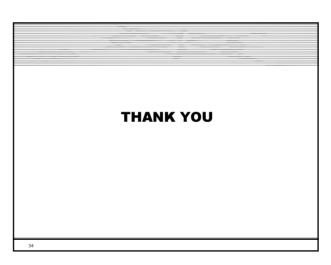
Influence of CE Roads on F-IRR of NS Roads

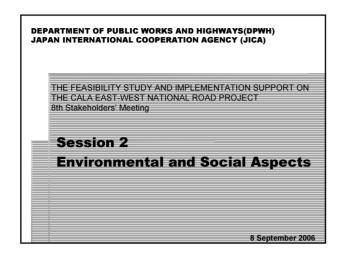
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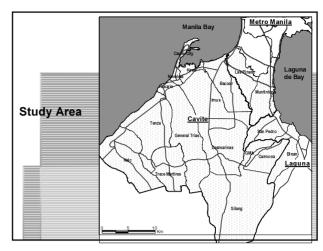


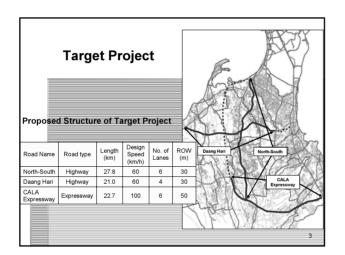
Sub-Options on NS-Way Implementation 1. Bid Packaging Separate stage 1 from stage 2 Stage 2 not yet viable, will likely Stage 1 (NS1 to NS3) lead to failure separate from Stage 2 To avoid delay, as stage 1 wont become dependent to readiness Combine Stages 1 & 2 (NS1 to NS5) of stage 2 2. Composition of SPC With PIC participation • Winning Bidder – all • Minimum – funding for ROW, private sector players after bid, during DE · Participation of PIC in • Plus: Equity, Loan, or JVA with SPC of winning bidder (as determined during the bidding) the winning bidder or toll concessionaire

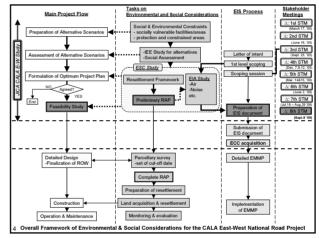












Activities on Environmental & Social Considerations through the JICA Study 1. Environmental baseline surveys for study area (incl. field measurements of air quality, noise level, and river water quality) 2. EIA Study for proposed projects a. Environmental scoping (incl. official scoping process under EIS system) b. Collection of baseline information incl. field measurements of air quality, noise level, and river water quality c. Social surveys • Focus Group Discussion • Perception survey (socio-economic survey) • Household inventory survey for resettlement d. Assessment of environmental and social impacts, preparation of environmental management and monitoring plan (EMMP) e. Preparation of FIS report f. Preparation of preliminary resettlement action plan (Pre-RAP) 3. Series of the stakeholders' meetings 4. Information collection from and coordination with relevant agencies and LGUs 5. Examinations of road alignments from environmental & social considerations viewpoints by using mapping information such as GIS and aerial photograph

