



Moving Forward from Nepal Infrastructure Summit



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Confederation of Nepalese Industries

CNI, established on April 17, 2000 is an umbrella organization of large and medium scale industries of manufacturing as well as service sector of Nepal. CNI is a professionally led apex body of country's industrial and corporate sector.



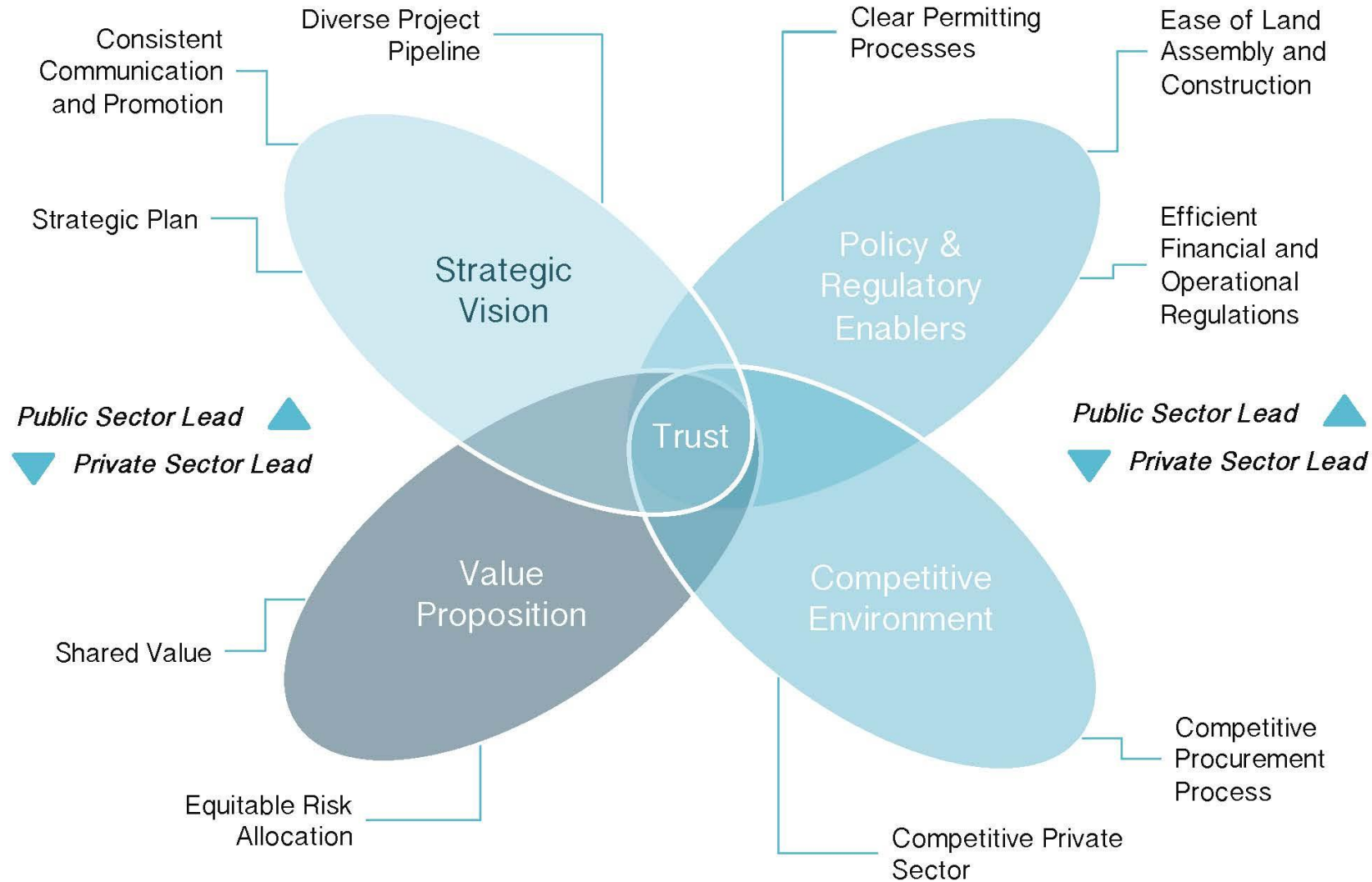
Nepal Infrastructure Summits since 2014

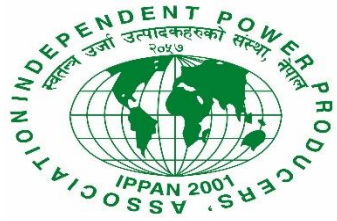
2014: Accelerating Investment in Infrastructure

2017: Private Sector as an Indispensable Partner

2019: Resilient Infrastructure for Sustainable Development





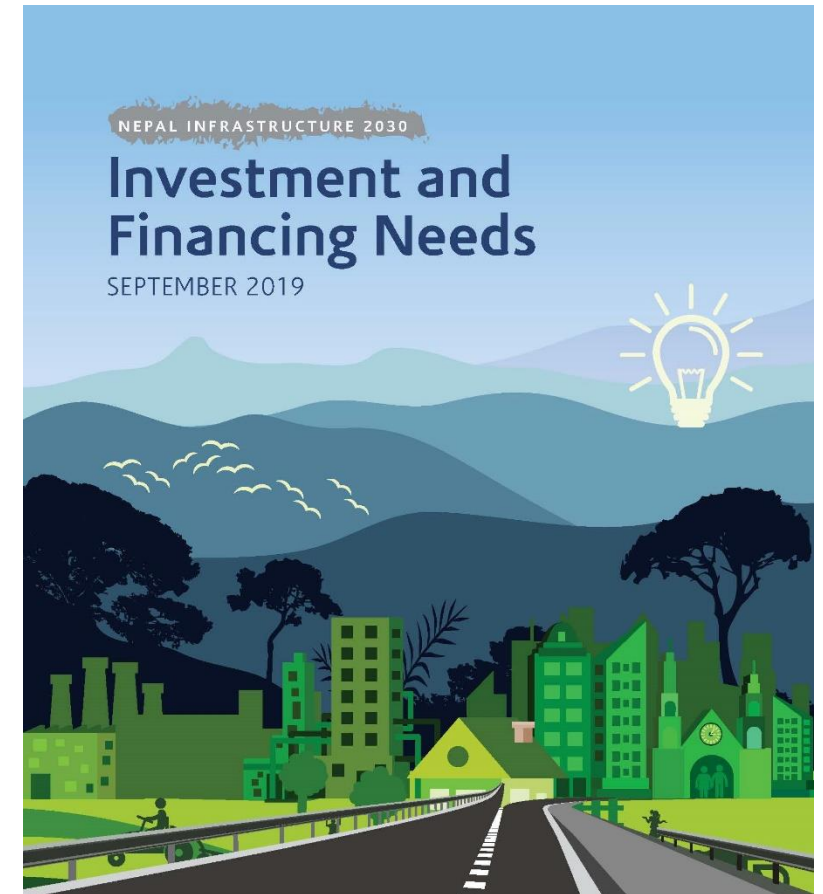


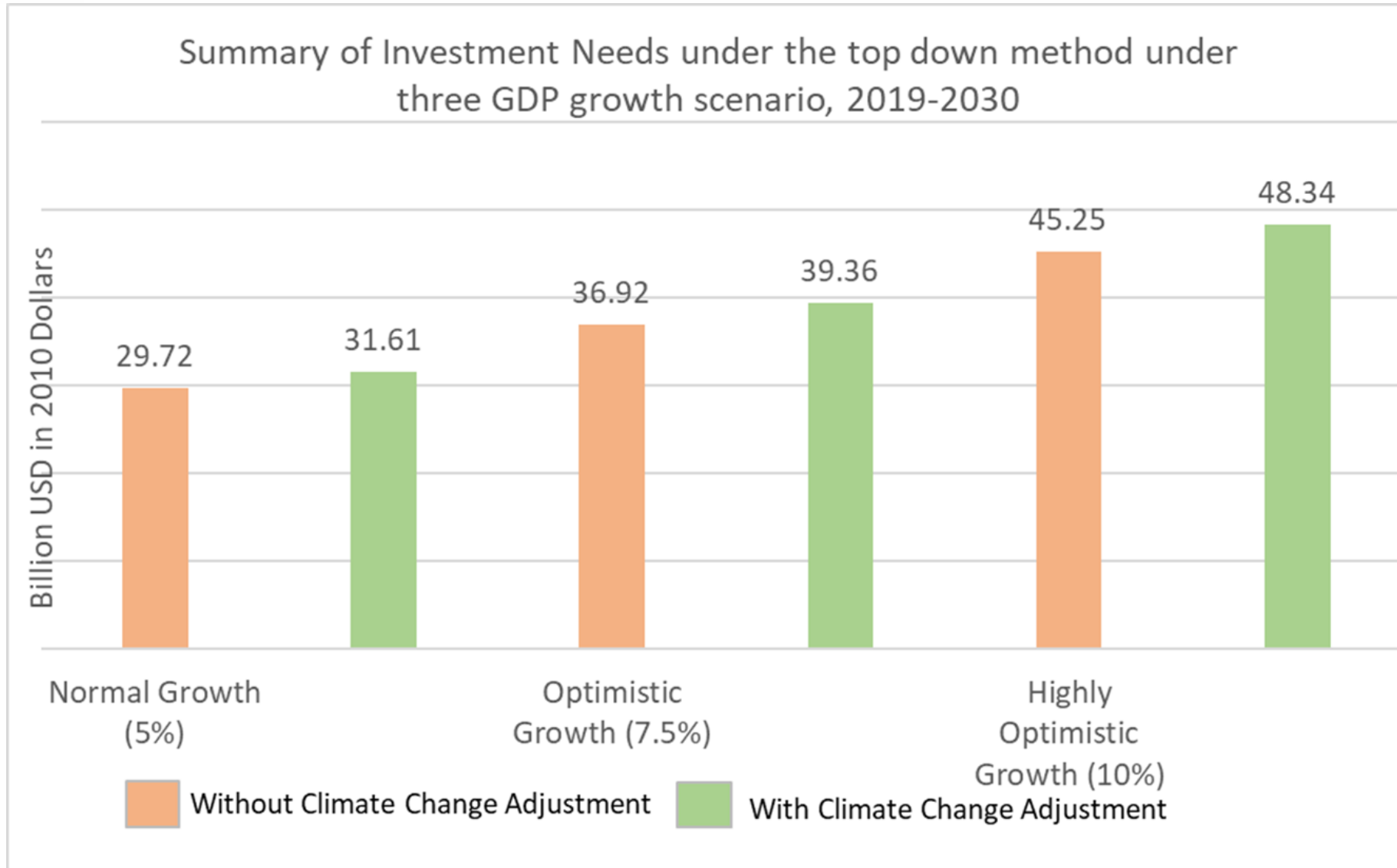
Nepal Infrastructure 2030: Investment and Financing Needs

- i. Energy
- ii. Water and Sanitation
- iii. Transportation
- iv. Urban Development

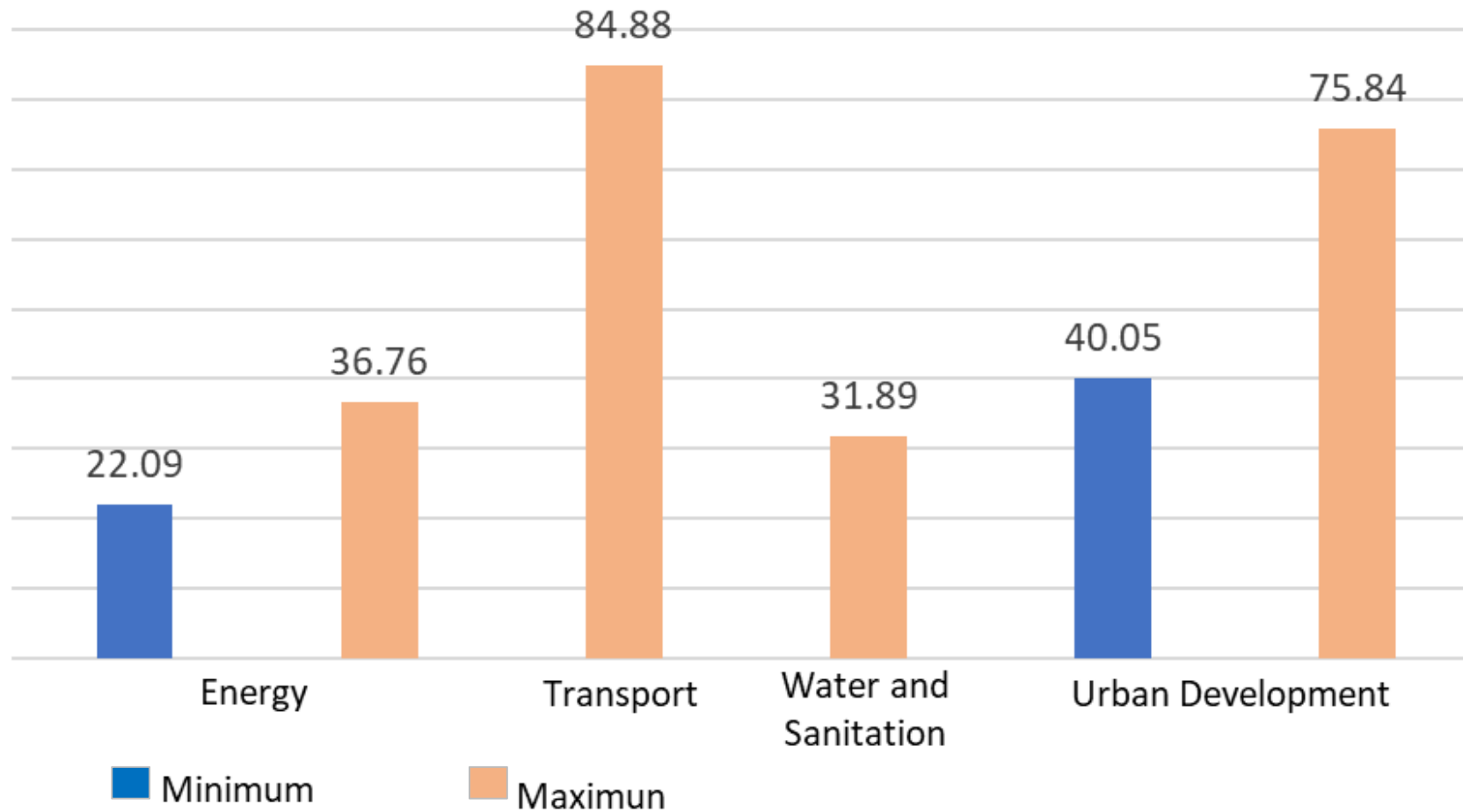
Methodology and Tools

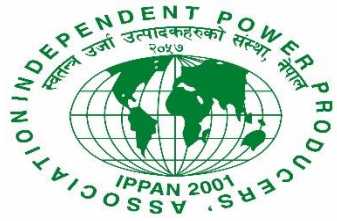
- Quantitative Modelling (Overall)
- Sectoral analysis





Summary of Infrastructure Investment Need from Bottom up Method (in USD Billion), 2019-2030





Nepal Infrastructure 2030: Investment and Financing Needs

Investment Need/Gap for Electricity Generation, Transmission and Distribution, 2019-2030 (USD billion)

Anticipated Generation Capacity (MW)	RoR 60%, Storage 40%		RoR 70%, Storage 30%		RoR 75%, Storage 25%	
	Need	Gap	Need	Gap	Need	Gap
13000	23.63	5.93	22.60	4.90	22.09	4.39
15000	28.88	11.18	27.63	9.93	27.00	9.30
18000	36.76	19.06	35.16	17.46	34.37	16.67



Financing Instruments

Bond financing	<ul style="list-style-type: none"> Long-term infrastructure bond series Thematic Bond-Panda Bonds Thematic Bond-ADB Water Bond Municipal Bond
Infrastructure Development Fund	<ul style="list-style-type: none"> Regional Infrastructure Development Fund ASEAN Infrastructure Fund
Infrastructure Development Financial Institutions	Nepal Infrastructure Bank Ltd.
Private Equity/Private Equity Firms	Dolma Impact Fund
Foreign Direct Investment	
Diaspora Financing	Diaspora Bonds
Viability Gap Funding	
ADB Local Currency Borrowings	
Blended Financing	
Green Investment Fund/Global Climate Fund	



Summit Recommendations

- Last 7 years' average annual investment in electricity sector is USD 527 Million per year, whereas the need is USD 1.3 to 2.1 billion between 2018 and 2040 (CNI estimates 2 to 3.2 billion between 2019 to 2030)
- Long range energy planning with pragmatic estimates of domestic demand needed
- Policy interventions to create the load
- Focus on Trading to utilize the energy generation
- Multi entity agreements and plan concomitant transmission infrastructure
- Strengthen financial viability



CNI's Commitments

- Summit Proceeding is being finalized and will be made public
- Infrastructure Cell within CNI will continue its proactive role
- CNI will work in close collaboration with all the stakeholders



Thank You