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This book, **'Infrastructure for Inclusive Economic Development Volume 2: Case Studies of Accelerated Projects in Indonesia,'** is the second instalment in a two-part series that delves into Indonesia's National Strategic Projects programme (*Proyek Strategis Nasional – PSN*). It complements the first book in the series, **'Infrastructure for Inclusive Economic Development Volume 1: Lessons Learnt from Indonesia.'** While the first book expounds on the theoretical framework and rationale behind Indonesia's strategy for achieving inclusive development through the groundbreaking PSN initiative, this book takes a practical approach by showcasing selected projects from across Indonesia as case studies.

The projects featured in this book were carefully chosen to represent three clusters that provide readers with intuitive insights into how specific infrastructure initiatives have impacted Indonesian society. These clusters are categorised as (i) economic connectivity, (ii) economic non-connectivity, and (iii) social development. To provide context and ease readers into the third chapter, which comprises the showcases of PSN as subchapters, the first two chapters introduce and explain the current development of PSN in Indonesia. Furthermore, the selection of these projects illustrates the execution of President Joko Widodo's vision of *Nawacita*, particularly the idea of developing the country from its periphery.

The chapters and subchapters in this book are a collaborative effort by authors from the Ministry of Finance, the Coordinating Ministry for Economic Affairs, and the Ministry of Public Works and Housing, all working under the direct supervision of the book's editors. This inter-institutional collaboration aims to provide a comprehensive book that not only offers accurate data and policy explanations but also diversity of insights and perspectives.

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# List of Abbreviations

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<b>3T</b>	<i>Terdepan, Terluar, dan Tertinggal</i>
<b>AC</b>	Air Conditioner
<b>ACWC</b>	Asphalt Concrete-Wearing Course
<b>ADB</b>	Asian Development Bank
<b>AIIB</b>	Asian Infrastructure Investment Bank
<b>ALKI</b>	<i>Alur Laut Kepulauan Indonesia</i> (The Maritime Route of the Indonesian Archipelago)
<b>AP</b>	<i>Angkasa Pura</i>
<b>AP</b>	Availability Payment
<b>APBD</b>	Regional Budget and Expenditure ( <i>Anggaran Pendapatan dan Belanja Daerah</i> )
<b>APBN</b>	State Budget and Expenditure ( <i>Anggaran Pendapatan dan Belanja Negara</i> )
<b>APL</b>	Other Use Areas ( <i>Areal Penggunaan Lain</i> )
<b>ATP</b>	Ability To Pay
<b>ATR</b>	Agrarian Affairs and Spatial Planning ( <i>Agraria dan Tata Ruang</i> )
<b>BAST</b>	Minutes of Handover ( <i>Berita Acara Serah Terima</i> )
<b>BAPPENAS</b>	Ministry of National Development Planning ( <i>Badan Perencanaan Pembangunan Nasional</i> )
<b>BBM</b>	Petroleum Fuel ( <i>Bahan Bakar Minyak</i> )
<b>BBWS</b>	River Basin Management Organization ( <i>Balai Besar Wilayah Sungai</i> )
<b>BCFD</b>	Billion Cubic Feet per Day
<b>BCR</b>	Benefit Cost Ratio
<b>BLP</b>	Tipping Fee ( <i>Biaya Layanan Pengolahan Sampah</i> )
<b>BLU LMAN</b>	Government Property Public Service Agency ( <i>Badan Layanan Umum Lembaga Manajemen Aset Negara</i> )
<b>BNI</b>	Bank Negara Indonesia
<b>BNPP</b>	National Border Management Agency ( <i>Badan Nasional Pengelola Perbatasan</i> )
<b>BOT</b>	Build Operate Transfer
<b>BP2P</b>	Housing Provision Implementation Agency ( <i>Balai Pelaksanaan Penyediaan Perumahan</i> )
<b>BPJN</b>	(National Road Implementation Agency ( <i>Balai Pelaksana Jalan Nasional</i> ))
<b>BPJT</b>	National Toll Road Authority ( <i>Badan Pengatur Jalan Tol</i> )
<b>BPKP</b>	Finance and Development Supervisory Agency ( <i>Badan Pengawas Keuangan dan Pembangunan</i> )
<b>BPMPTSP</b>	One Stop Investment and Services Agency ( <i>Badan Penanaman Modal dan Pelayanan Terpadu Satu Pintu</i> )

<b>BPN</b>	National Land Agency ( <i>Badan Pertanahan Nasional</i> )
<b>BPP</b>	SPAM Support Agency for Drinking Water Supply System Development ( <i>Badan Pendukung Pengembangan Sistem Penyediaan Air Minum</i> )
<b>BPPT</b>	Agency for the Assessment and Application of Technology ( <i>Badan Pengkajian dan Penerapan Teknologi</i> )
<b>BPS</b>	Indonesian Statistics ( <i>Badan Pusat Statistik</i> )
<b>BSPS</b>	Self-Help Housing Stimulus Assistance ( <i>Bantuan Stimulan Perumahan Swadaya</i> )
<b>BUJT</b>	<i>Badan Usaha Jalan Tol</i> (Toll Road Business Entity)
<b>BUMD</b>	Local-Owned Enterprise ( <i>Badan Usaha Milik Daerah</i> )
<b>BUMDes</b>	Village-Owned Enterprise ( <i>Badan Usaha Milik Desa</i> )
<b>BUMN</b>	State-Owned Enterprise ( <i>Badan Usaha Milik Negara</i> )
<b>BUPP</b>	Development and management of the business entity ( <i>Badan Usaha Pembangunan dan Pengelola</i> )
<b>BWS</b>	River Basin Organization ( <i>Balai Wilayah Sungai</i> )
<b>CBTC</b>	Communication Based Train Control
<b>CCTV</b>	Closed Circuit Television
<b>CHSE</b>	Cleanliness, Health, Safety, and Environment Sustainability
<b>CIQS</b>	Customs, Immigration, Quarantine, Security
<b>CNN</b>	Cable News Network
<b>CP</b>	Contract Packages
<b>CPO</b>	Crude Palm Oil
<b>CT</b>	Container Terminal
<b>Damija</b>	Road Owned Area ( <i>Daerah Milik Jalan</i> )
<b>DAMRI</b>	<i>Djawatan Angkoetan Motor Repoeblik Indonesia</i>
<b>DAS</b>	Watershed ( <i>Daerah Aliran Sungai</i> )
<b>DED</b>	Detailed Engineering Design
<b>Disparpora</b>	Department of Tourism, Youth, and Sports ( <i>Dinas Pariwisata Kepemudaan dan Olahraga</i> )
<b>DJKA</b>	Directorate General of Railways
<b>DKI</b>	Special Capital Region Government ( <i>Daerah Khusus Ibukota</i> )
<b>DLH</b>	Environment Agency ( <i>Dinas Lingkungan Hidup</i> )
<b>DPSD</b>	Direktorat of Human Resource Utilization ( <i>Direktorat Pendayagunaan Sumber Daya Manusia</i> )
<b>DPSP</b>	Super-Priority Tourism Destinations ( <i>Destinasi Pariwisata Super Prioritas</i> )
<b>DTT</b>	Digital Terrestrial Television
<b>EARR</b>	Emergency Assistance for Rehabilitation and Reconstruction
<b>EBP</b>	Earth Pressure Balance
<b>EFAS</b>	External Factor Analysis

<b>EI</b>	Elevation
<b>ESDM</b>	Energy and Mineral Resources ( <i>Energi dan Sumber Daya Mineral</i> )
<b>ETLE</b>	Electronic Traffic Law Enforcement
<b>FHO</b>	Final Hand Over
<b>GAP</b>	Gender Action Plan
<b>GDP</b>	Gross Domestic Product
<b>GFCF</b>	Gross Fixed Capital Formation
<b>GRDP</b>	Gross Regional Domestic Product
<b>ha</b>	Hectare
<b>HI</b>	Hotel Indonesia
<b>Himbara</b>	(Association of State-Owned Bank) <i>Himpunan Bank Negara</i>
<b>HPT</b>	Limited Management Rights ( <i>Hak Pengelolaan Terbatas</i> )
<b>ICT</b>	Information and Communication Technology
<b>IFAS</b>	Internal Factor Analysis
<b>IKN</b>	National Capital City ( <i>Ibu Kota Nusantara</i> )
<b>IMB</b>	Building Permit ( <i>Izin Mendirikan Bangunan</i> )
<b>Indirjen</b>	Directorate General Instruction ( <i>Instruksi Direktur Jenderal</i> )
<b>IPA</b>	Water Treatment Plant ( <i>Instalasi Pengelolaan Air</i> )
<b>IRR</b>	Internal Rate of Return
<b>ITDC</b>	Indonesian Tourism Development Corporation
<b>IUKI</b>	Industrial Business Permit ( <i>Izin Usaha Kawasan Industri</i> )
<b>Jabodetabek</b>	Jakarta Bogor Depok Tangerang Bekasi
<b>JBIC</b>	Japan Bank of International Cooperation
<b>JICA</b>	Japan International Cooperation Agency
<b>JMB</b>	Manado Bitung Toll ( <i>Jalan Tol Manado-Bitung</i> )
<b>JORR</b>	Jakarta Outer Ring Road
<b>JTTS</b>	Trans Sumatra Toll Road ( <i>Jalan Tol Trans Sumatera</i> )
<b>K/L</b>	Ministry/Government Agencies ( <i>Kementerian/Lembaga</i> )
<b>KA</b>	Train (Kereta Api)
<b>KAI</b>	<i>Kereta Api Indonesia</i>
<b>KAPET</b>	Integrated Economic Development Area ( <i>Kawasan Pengembangan Ekonomi Terpadu</i> )
<b>KCI</b>	Kereta Commuter Indonesia
<b>KEK</b>	<i>Kawasan Ekonomi Khusus</i> (Special Economic Zone)
<b>Kemenparekraf</b>	Ministry of Tourism and Creative Economy ( <i>Kementerian Pariwisata dan Ekonomi Kreatif</i> )

<b>Kementerian PUPR</b>	Ministry of Public Works and Housing ( <i>Kementerian Pekerjaan Umum dan Perumahan Rakyat</i> )
<b>KK</b>	Household ( <i>Kepala Keluarga</i> )
<b>km</b>	Kilometre
<b>KPBU</b>	Public Private Partnership ( <i>Kerjasama Pemerintah dengan Badan Usaha</i> )
<b>KPPIP</b>	<i>Komite Percepatan Penyediaan Infrastruktur Prioritas</i> (Committee for Acceleration of Priority Infrastructure Delivery)
<b>KRL</b>	Electric Multiple Unit ( <i>Kereta Rel Listrik</i> )
<b>KSDPK</b>	Regional Cooperation with Third Parties ( <i>Kerja Sama Daerah dengan Pihak Ketiga</i> )
<b>KSP</b>	Presidential Staff Office ( <i>Kantor Staff Presiden</i> )
<b>KSPI</b>	Infrastructure Provision Cooperation ( <i>Kerja Sama Penyediaan Infastruktur</i> )
<b>KSPN</b>	National Strategic Tourism Areas ( <i>Kawasan Strategis Pariwisata Nasional</i> )
<b>Kv</b>	Kilovolt
<b>LAKIP</b>	Government Agency Accountability and Performance Report ( <i>Laporan Akuntabilitas Kinerja Pemerintah</i> )
<b>LED</b>	Light Emitting Diode
<b>LPEM-FEBUI</b>	Institute for Economic and Social Research – Faculty of Economics and Business, University of Indonesia ( <i>Lembaga Penyelidikan Ekonomi dan Masyarakat Fakultas Ekonomi dan Bisnis, Universitas Indonesia</i> )
<b>LPG</b>	Liquified Petroleum Gas
<b>LPS</b>	Litres per Second
<b>LRT</b>	Light Rail Transit ( <i>Lintas Rel Terpadu</i> )
<b>LSM</b>	Nongovernment Organisation (Lembaga Swadaya Masyarakat)
<b>LVC</b>	Land Value Capture
<b>LWS</b>	Law Water Spring
<b>m</b>	Metre
<b>MA</b>	Water Level
<b>MA</b>	Supreme Court ( <i>Mahkamah Agung</i> )
<b>MAW</b>	Reservoir Water Level ( <i>Muka Air Waduk</i> )
<b>MoU</b>	Memorandum of Understanding
<b>MOW</b>	Malamoi Olom Wobok
<b>MP3EI</b>	Master Plan for the Acceleration and Expansion of Indonesia's Economic Development ( <i>Masterplan Percepatan dan Perluasan Pembangunan Ekonomi Indonesia</i> )
<b>MRT</b>	Mass Rapid Transit (Moda Raya Terpadu)
<b>MSMEs</b>	Micro, Small, and Medium-sized Enterprises
<b>MTPA</b>	Matrix Ton per Annum

<b>MUTIP</b>	Mandalika Urban and Tourism Infrastructure Project.
<b>MW</b>	Megawatts
<b>NIA</b>	National Interest Account
<b>NPCT</b>	New Priok Container Terminal
<b>NPEA</b>	New Priok Eastern Access
<b>NPV</b>	Net Present Value
<b>NSTA</b>	National Strategic Tourism Area
<b>NTB</b>	West Nusa Tenggara ( <i>Nusa Tenggara Barat</i> )
<b>NTT</b>	East Nusa Tenggara ( <i>Nusa Tenggara Timur</i> )
<b>NYIA</b>	New Yogyakarta International Airport
<b>ODA</b>	Official Development Assistance
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>OSS</b>	Online Single Submission
<b>OTD</b>	Affected People ( <i>Orang Terdampak</i> )
<b>PAD</b>	Local-Owned Source Revenue ( <i>Pendapatan Asli Daerah</i> )
<b>PBJ</b>	Procurement of Goods/Services ( <i>Pengadaan Barang/Jasa</i> )
<b>PDAM</b>	Local Government-Owned Water Utility ( <i>Perusahaan Daerah Air Minum</i> )
<b>PDB</b>	Gross Domestic Product ( <i>Produk Domestik Bruto</i> )
<b>PDF</b>	Project Development Facility
<b>PDRB</b>	Gross Domestic Regional Product ( <i>Produk Domestik Regional Bruto</i> )
<b>Perpres</b>	Presidential Regulation ( <i>Peraturan Presiden</i> )
<b>PHO</b>	Provisional Hand Over
<b>PIK</b>	Electricity Infrastructure Development ( <i>Pembangunan Infrastruktur Ketenagalistrikan</i> )
<b>PINA</b>	Non-budgetary Investment Financing ( <i>Pembiayaan Investasi Non-Anggaran</i> )
<b>PJPK</b>	Government Contracting Agency ( <i>Penanggung Jawab Proyek Kerjasama</i> )
<b>PKRS</b>	Improvement the quality of self-help houses ( <i>Peningkatan Kualitas Rumah Swadaya</i> )
<b>PKS</b>	Cooperation Agreement ( <i>Perjanjian Kerja Sama</i> )
<b>PLBN</b>	Cross-Border Post ( <i>Pos Lintas Batas Negara</i> )
<b>PLTA</b>	Hydroelectric Power Plant
<b>PLTA</b>	<i>Pembangkit Listrik Tenaga Air</i>
<b>PLTMH</b>	Micro Hydro Power Plant
<b>PLTS</b>	<i>Pembangkit Listrik Tenaga Surya</i>
<b>PMA</b>	Penanaman Modal Asing (Foreign Investment)
<b>PMDN</b>	<i>Penanaman Modal Dalam Negeri / Domestic Investment</i>

<b>PNG</b>	Papua New Guinea
<b>PP</b>	Government Regulation ( <i>Peraturan Pemerintah</i> )
<b>PPKM</b>	Community Activity Restrictions Enforcement
<b>PPP</b>	Public–Private Partnership
<b>PSEL</b>	Waste-to-Energy Plant ( <i>Pengolahan Sampah menjadi Energi Listrik</i> )
<b>PSN</b>	National Strategic Project ( <i>Proyek Strategis Nasional</i> )
<b>PT</b>	Limited Liability Company ( <i>Perseroan Terbatas</i> )
<b>PT</b>	Product Terminal
<b>PT JMB</b>	<i>Perseroan Terbatas</i> Jasamarga Manado Bitung
<b>PT Pelindo</b>	PT Pelabuhan Indonesia
<b>PT IIF</b>	<i>Perseroan Terbatas</i> Indonesia Infrastructure Finance
<b>PT SMI</b>	<i>Perseroan Terbatas</i> Sarana Multi Infrastruktur
<b>PTPN</b>	PT Perkebunan Nusantara
<b>PTSP</b>	One Stop Service ( <i>Pelayanan Terpadu Satu Pintu</i> )
<b>PUPR</b>	Public Works and Housing ( <i>Pekerjaan Umum dan Perumahan Rakyat</i> )
<b>RDF</b>	Refused Derived Fuel
<b>RDMP</b>	Refinery Development Master Plan
<b>RDTR</b>	Detailed Spatial Planning ( <i>Rencana Detil Tata Ruang</i> )
<b>RDTRD</b>	Regional Detailed Spatial Planning ( <i>Rencana Detil Tata Ruang Daerah</i> )
<b>RI</b>	Republic of Indonesia
<b>RKL</b>	Environmental Management Plan ( <i>Rencana Kerja Lingkungan</i> )
<b>RKP</b>	Government Work Plan ( <i>Rencana Kerja Pemerintah</i> )
<b>RM</b>	Metre House
<b>Rp</b>	Rupiah
<b>RPJMD</b>	Medium-term Regional Development Plan ( <i>Rencana Pembangunan Jangka Menengah Daerah</i> )
<b>RPJMN</b>	Medium-term National Development Plan ( <i>Rencana Pembangunan Jangka Menengah Nasional</i> )
<b>RPL</b>	Environmental Monitoring Plan ( <i>Rencana Pemantauan Lingkungan</i> )
<b>RRC</b>	People’s Republic of China ( <i>Republik Rakyat Cina</i> )
<b>RTRW</b>	Spatial Plans ( <i>Rencana Tata Ruang Wilayah</i> )
<b>SAR</b>	Special Area Road
<b>Sarhunta</b>	Tourism Housing Facilities ( <i>Sarana Hunian Pariwisata</i> )
<b>SBOT</b>	Supported Build Operate Transfer
<b>SDG</b>	Sustainable Development Goal

<b>SDGs</b>	Sustainable Development Goals
<b>SEZ</b>	Special Economic Zone
<b>SHIA</b>	Soekarno Hatta International Airport
<b>SKB</b>	Joint Decree ( <i>Surat Ketetapan Bersama</i> )
<b>SKNVT</b>	Specific Non-Vertical Work Unit
<b>SMA</b>	Stone Mastic Asphalt
<b>SMI</b>	Sarana Multi Infrastruktur
<b>SNI</b>	Indonesian National Standard ( <i>Standar Nasional Indonesia</i> )
<b>SNVT</b>	Specific Non-Vertical Unit
<b>SPAM</b>	Drinking Water Supply System ( <i>Sistem Penyediaan Air Minum</i> )
<b>SR</b>	House Connection ( <i>Saluran Rumah</i> )
<b>SUTET</b>	Extra High Voltage Air Duct
<b>SUTT</b>	High Voltage Air Duct
<b>SWOT</b>	Strengths, Weaknesses, Opportunities, and Threats
<b>TBM</b>	Tunnel Boring Machine
<b>TDS</b>	Total Dissolved Solids
<b>TEUs</b>	Twenty Feet Equivalent Unit
<b>THI</b>	Temperature Humidity Index
<b>TKD</b>	<i>Tanah Kas Desa</i>
<b>TKDN</b>	Domestic Component Level ( <i>Tingkat Komponen Dalam Negeri</i> )
<b>TOD</b>	Transit-Oriented Development
<b>TPA</b>	Final Disposal Site ( <i>Tempat Pemrosesan Akhir</i> )
<b>Trans</b>	Transportation ( <i>Transportasi</i> )
<b>UGK</b>	Compensation ( <i>Uang Ganti Kerugian</i> )
<b>UMKM</b>	Micro, Small, And Medium-sized Enterprises ( <i>Usaha Mikro, Kecil, dan Menengah</i> )
<b>UU</b>	Law ( <i>Undang-Undang</i> )
<b>V/C</b>	Vehicle Volume/Road Capacity
<b>VGF</b>	Viability Gap Fund
<b>VMS</b>	Variable Sign Message
<b>VSAT</b>	Very Small Aperture Terminal
<b>Wi-Fi</b>	Wireless Fidelity
<b>WTE</b>	Waste-to-Energy
<b>WTP</b>	Willingness To Pay
<b>WWTP</b>	Wastewater Treatment Plant

# The Contributors

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