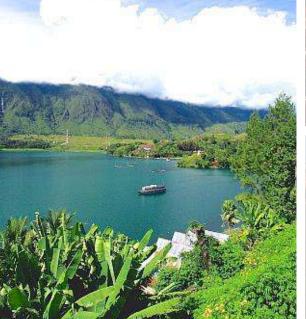


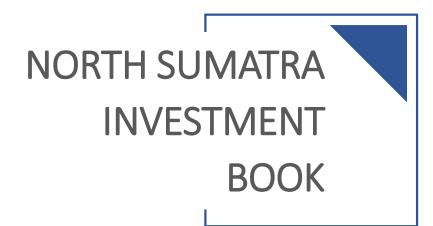


A definitive guide on macroeconomic condition, data & information, key contacts, and potential investment projects in North Sumatra

Quarter 2 - 2019 edition



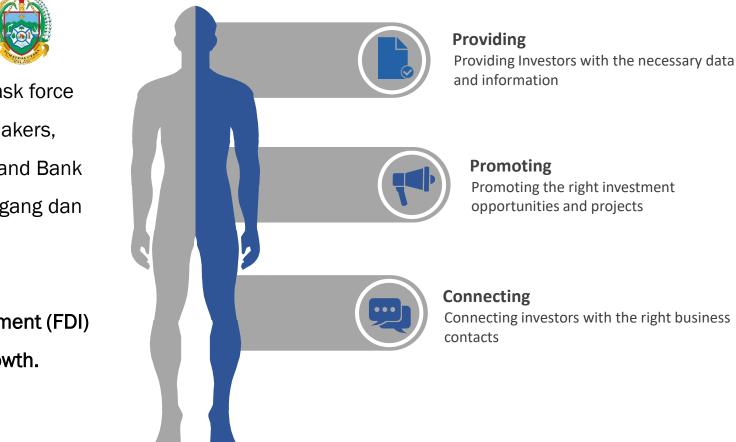






About Us

Our Mission



North Sumatra Invest (NSI) is a dedicated task force comprised of all North Sumatra's policy makers, including the Government of North Sumatra and Bank Indonesia, with full cooperation of Kamar Dagang dan Industri Indonesia (KADIN).

Our mission is to attract Foreign Direct Investment (FDI) in North Sumatra to foster economic growth.

CONTENT

Main informations you will find



Indonesia's Strong Performance

Indonesia is one of the fastest growing economy in the world. Find how we perform relative to our peers.



Why North Sumatra?

North Sumatra isn't only a great market for your products, but also a perfect place for production base.

Potential Projects & Tourism Potential



04



Licensing in Indonesia

A quick guide on getting business license in Indonesia. It's never been easier to do business here.

Our handpicked potential projects for you, guaranteed by the government.

In addition to that, we specifically collect the potential tourism site in

Key Contacts

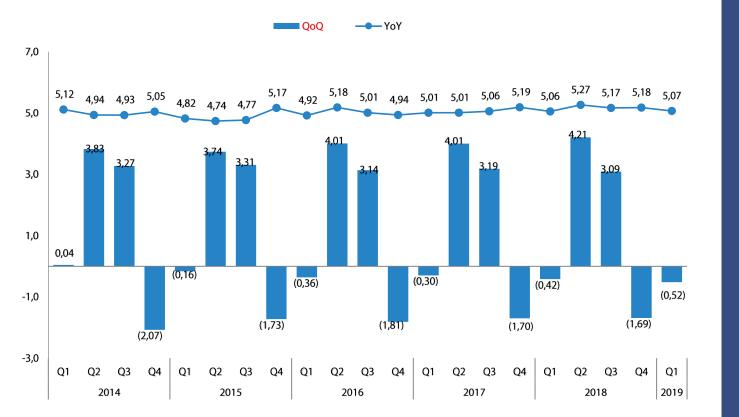
North Sumatra.

Who to contact if you want to invest and grow your business in North Sumatra?

INDONESIA'S STRONG PERFORMANCE

Indonesia GDP Growth

% year-on year & % quarter-to-quarter



Solid national economic growth

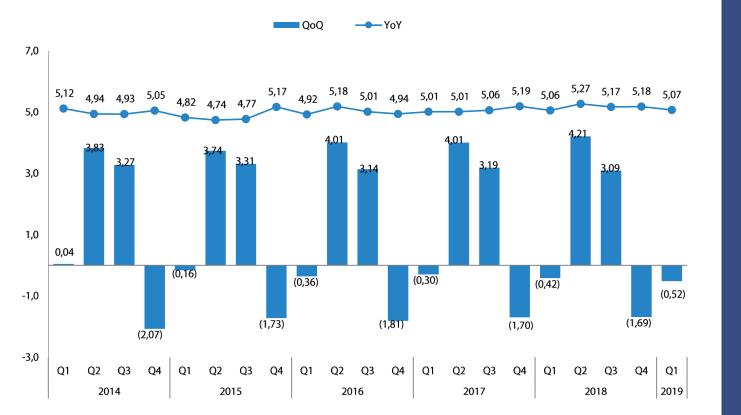
Seasonal factors at the beginning of the year as well as the impact of weaker-thanexpected global economic gains contributed to the moderate economic downturn in

Indonesia.

Institutions	2019 Growth (YoY)
2019 Budget	5.3
Bank Indonesia	5.0-5.4
IMF	5.1
World Bank	5.2
ADB	5.2
Consensus Forecast (May 2019)	5.1

Indonesia GDP Growth

% year-on year & % quarter-to-quarter



Solid National Economic Growth

Although the impact of weaker-thanexpected global economic gains contributed to the moderate economic downturn in Indonesia, net exports still maintained a positive position.

Institutions	2019 Growth (YoY)
2019 Budget	5.3
Bank Indonesia	5.0-5.4
IMF	5.1
World Bank	5.2
ADB	5.2
Consensus Forecast (May 2019)	5.1

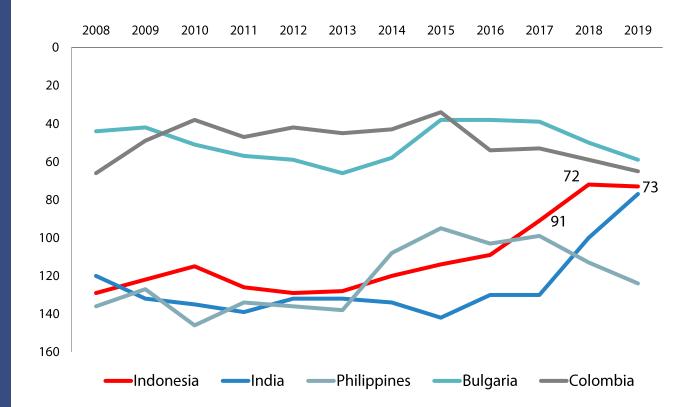
Our concern to Business

Business has never been easier in Indonesia. In recent years, our government has put significant effort to boost business climate and we're happy to tell you that our ease of doing business rank has improved significantly.

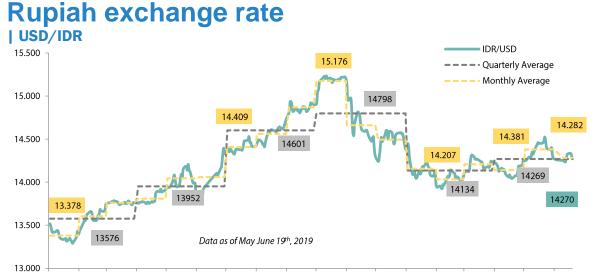
Our efforts to cut licenses gave an impact to the business player. And we plan to make it even easier. There is no better time than now to invest in Indonesia.

Ease of Doing Business

Index, The Higher The Better



STABILITY External risk reduced by adequate reserve



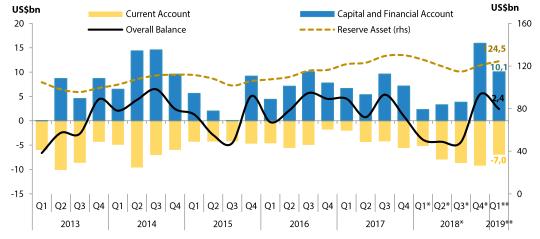
1-Jan 1-Feb 1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep 1-Oct 1-Nov 1-Dec 1-Jan 1-Feb 1-Mar 1-Apr 1-May 1-Jun

Inflation rate

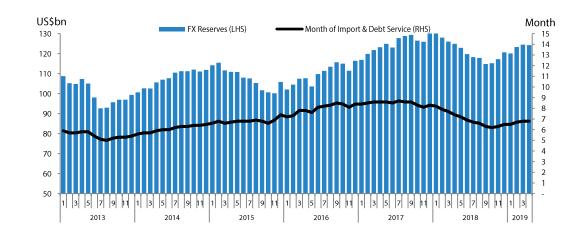
8 year-on-year



Balance of Payment



FX Reserves US\$ bn (LHS) and month of imports and debt services (RHS)

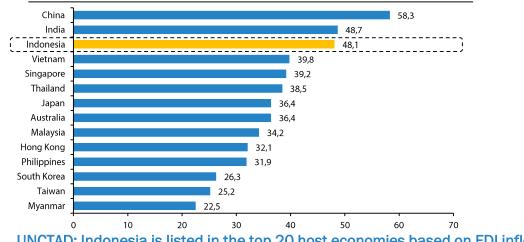


INV.GRADE Investment grade approved!

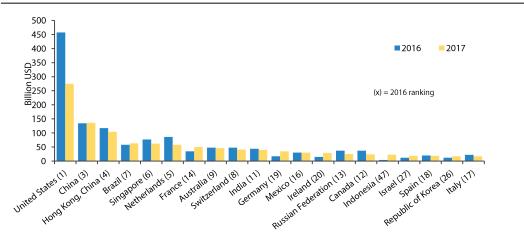


DESTINATION Investors are flocking to Indonesia

The Economist: Indonesia rounds out the top five of Asian economies that can look forward to increased investment spending. (January 2019)¹



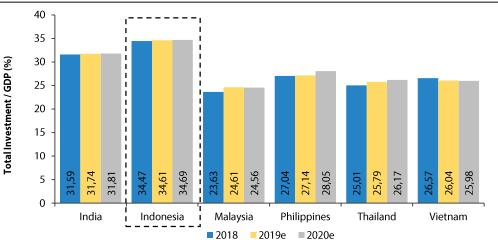
UNCTAD: Indonesia is listed in the top 20 host economies based on FDI inflows, 2016 and 2017 (June 2018)3



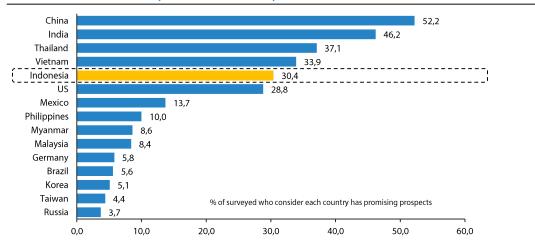
Source: The Economist – Asia Business Outlook Survey 2018

Source: IMF World Economic Outlook, Database April 2019

Indonesia Enjoys Large Investments Relative to Peers within the Region²



JBIC: Amongst ASEAN countries, Indonesia is the most preferred place for business investment (November 2018)⁴



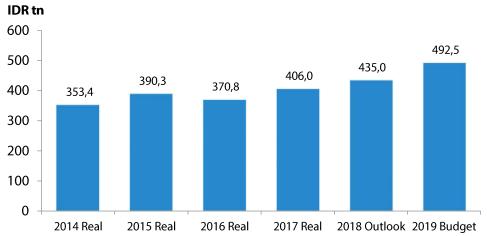
3. Source: United Nations Conference on Trade and Development (UNCTAD) – World Investment Report 2018

4. Source: JBIC – Outlook for Japanese Foreign Direct Investment (30th Annual Survey)

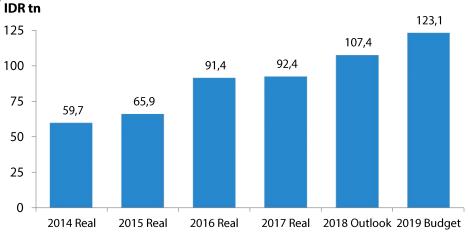
SPENDING Strengthening Productive Spending

Allocating budget to a more productive spending Non Line Ministries **Rp.778,9 T** Line Ministries **Rp. 855,4 T** • Improving the guality of state apparatus by strengthening bureaucratic reform • Strengthening social assistance 2019 Capital Expenditure optimization Goods Expenditure management Rp1,634.3 T **Central Government Spending** 2017 Rp1,259.6 T 2016 2015 Rp1,154.0 T Rp1,183.3 T 2018 Outlook Rp1,453.6 T Supporting competitiveness ٠ Accommodating strategic improvement, exports and initiatives (i.e. natural disaster investment increase, followed by reconstruction rehabilitation, strengthening value for money. democratic agenda).

Budget for education program

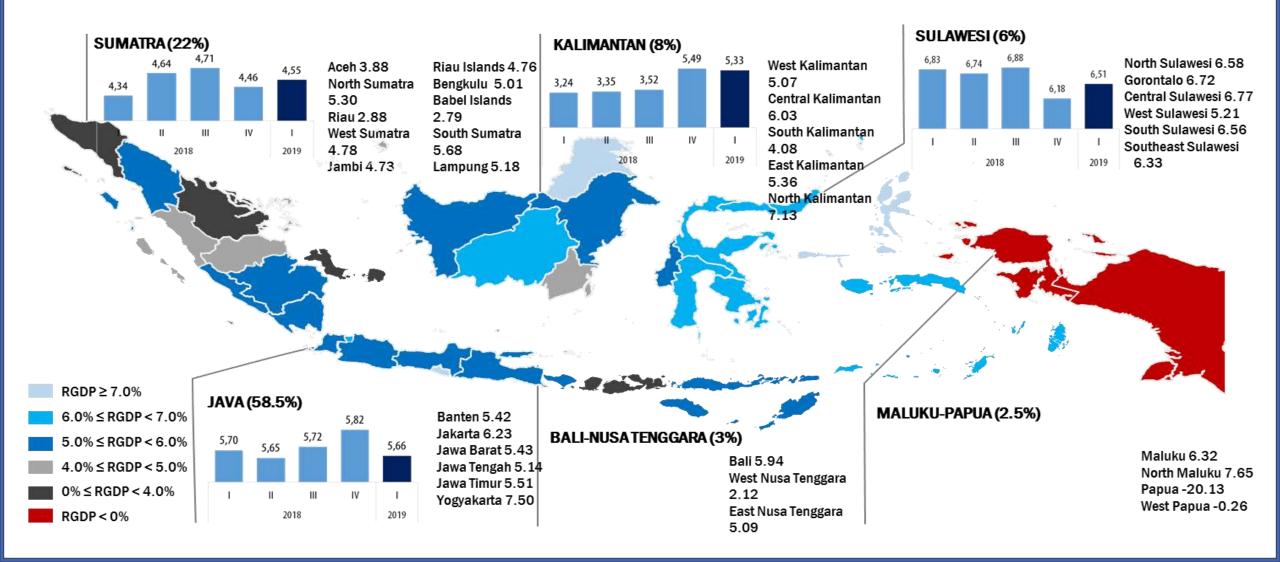


Budget for health program



REGIONAL Simultaneous growth all over the region

REGIONAL ECONOMIC GROWTH Q1 2019 (%, YOY)





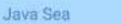
Strategic position along the Malacca Strait, a global trade route



Located in the vast and prosperous area of Sumatra island, with total area of 73.000 km²

A major gateway for trade, both into and out of Sumatra island_{Jakarta}

Geographic advantages of North Sumatra



Indonesia

Mindana

Bas ilan

Celebes Sea

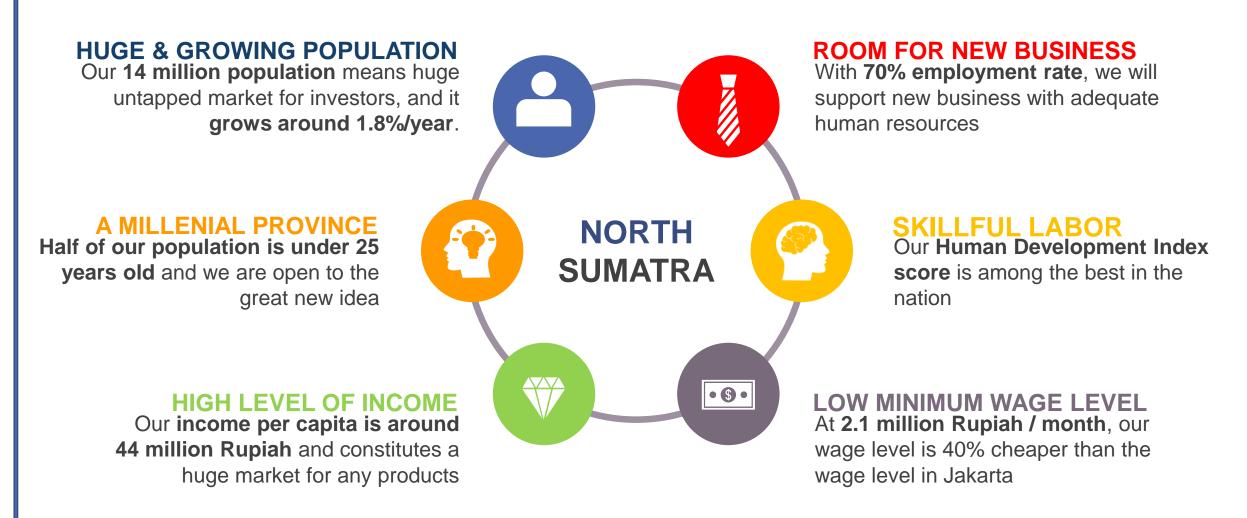


ECONOMY One of the most thriving economy

7 biggest province by economy comparison | % share to National, % growth year-on-year

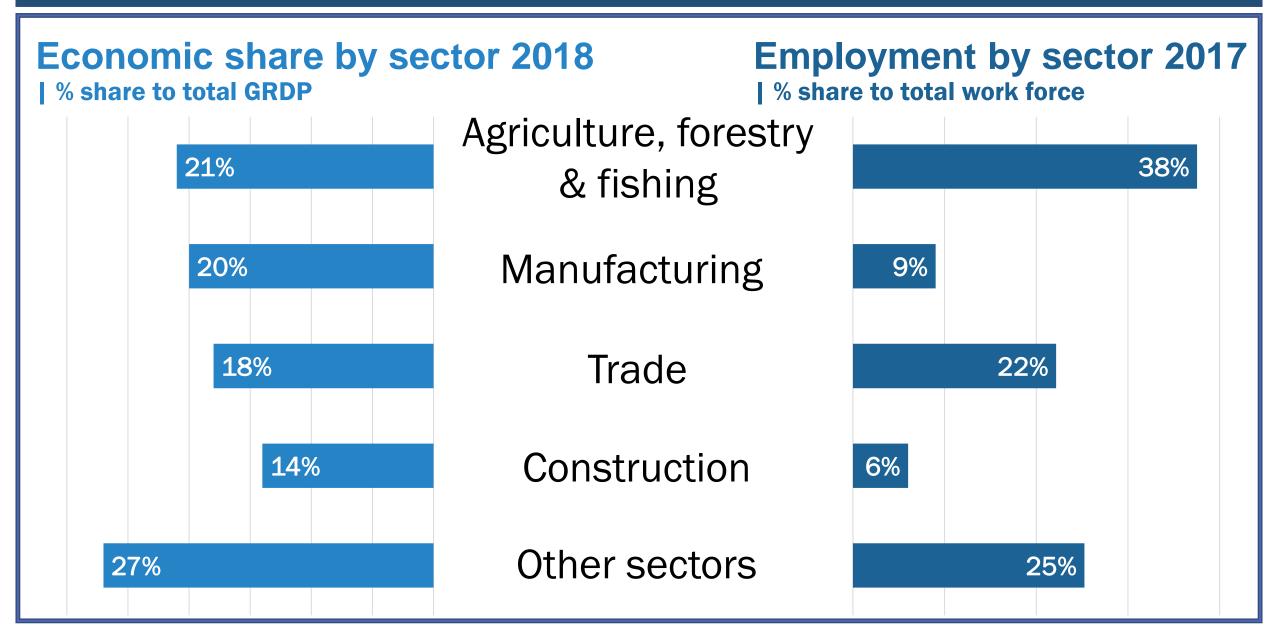
Province	% Share (2018)	2015	2016	2017	2018	2019 Q1
DKI Jakarta	17.3%	5,90%	5,90%	6,20%	6,20%	6,23%
East Java	14.6%	5,40%	5,60%	5,50%	5,60%	5,51%
West Java	13.1%	5,10%	5,70%	5,30%	5,60%	5,43%
Central Java	8.5%	5,50%	5,30%	5,30%	5,30%	5,14%
Riau	5.1%	0,20%	2,20%	2,70%	2,30%	2,88%
North Sumatra	5,00%	5,10%	5,20%	5,10%	5,20%	5,30%
East Kalimantan	4.3%	-1,20%	-0,40%	3,10%	5,10%	5,36%
National	100%	4,80%	5,00%	5,10%	5,20%	5,07%

DEMOGRAPHIC An advantage like no other



Source : Badan Pusat Statistik (BPS), 2017

SECTORAL A commodity based economy



EXPORT

Supplying the world's biggest markets

Biggest export products | % share to total export in 2018

Palm Oil (34%)

North Sumatra is 2nd biggest palm oil producer in the country. Products ranging from crude oil to finished products like soap and cooking oil.

Natural Rubber (8%)

While price's declining then suppress the production, rubber is still one of the greatest. Most of the export is in the form of rubber sheet,

Arabica Coffee (4%)

Our Arabica coffee (ie. Sidikalang) is among the most highly priced and sought coffee product in the global market.



Biggest market for export | % share to total export in 2018

China (15%)

The single biggest export market for North Sumatra's products, including palm oil products, chemical and rubber

United States (12%)

United States is the biggest importer for food and animals products. Other products include palm oil and rubber glove.

India (**9%**)

India is one of the biggest importer of palm oil products from North Sumatera, mostly in the form of CPO.

ON CONNECTIVITY





Trans Sumatra Highway

A grand scale project to bring fluid connectivity among provinces in Sumatra island. **Everything will be more** connected, not less.







Focus on Improvement

Due to the scale of the road, maintaining the quality of the road has proven as a challenge for the government. But it's going to change as we swift focus to improve quality.

we are, even to the most rural

area.

POTENTIAL PROJECTS AND TOURISM POTENTIAL

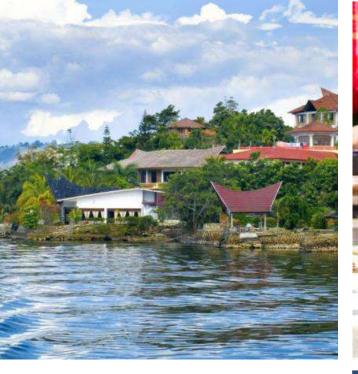
Lake Toba

as Priority Tourism Area

World's Largest Volcanic Lake

Stunning Landscape in Nature Formed by 3 Major Volcanic Eruptions (last was 74,000 years ago)

All-year-round Comfort Climate ± 18-24° C Water Surface Elevation at ± **900 m above sea level**





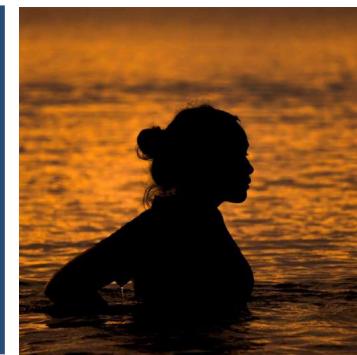




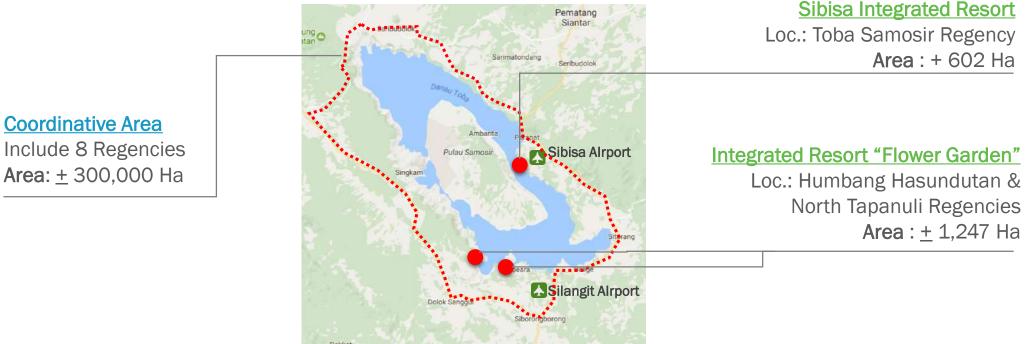
Unmatched Scenery

It's a place where nature and culture met, preserved and nurtured.

Simply beautiful.



Investing in the jewel of North Sumatra **OPPORTUNITIES**



Greater Lake Toba : Coordinative Area

- International Hotel & Resort Floating Jetty 6.
 - Lake Cruise 7.
- 3. Sea Plane

Coordinative Area

- Aerosport
- 5. Cable Car

- International Hospital
- Cultural Performance 8.
- **Tourist Bus Service** 9.
- 10. International Event

Within Designated Development Area : Authoritative Zone

- International Hotel & Resort
- Premium Golf Course
- Sustainable Energy Plant 3.
- Water Treatment Plant 4
- 5. Waste Water Treatment Plant

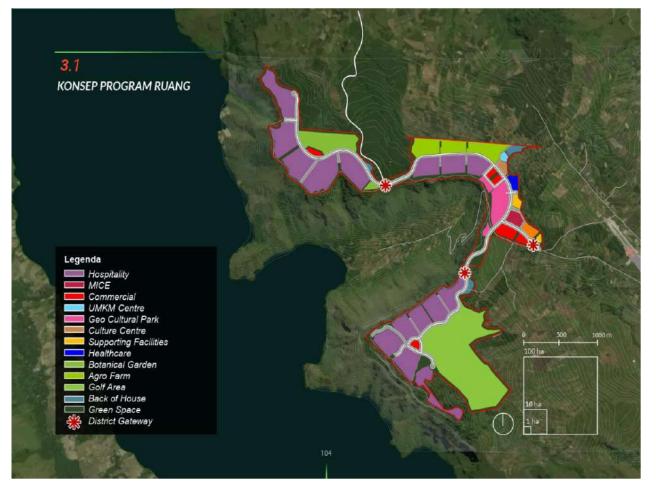
- Waste Management 6.
- 7. Outdoor Elevator / Cable Car
- 8. Flower Garden
- 9. Farm / Agri-tourism
- 10. Eco Theme Park

OPPORTUNITIES An integrated resort complex located on the cliffs surrounding the naturally sculpted Lake Toba

TOBA CALDERA RESORT

Located on top of a valley with a total authorized area of +500 Ha and development area of ± 386.72 Ha, Sibisa is the key region to be developed by the Lake Toba Tourism Authority. The site overlooks the vast Lake Toba and Samosir Island in the front, as well as Bukit Barisan mountain range in the back.

Development Site Breakdown	Area (Ha)	Percentage
Hospitality	121,67	31,46%
MICE	2,72	0,70%
Commercial	8,36	2,16%
UMKM Centre	0,9	0,23%
Geo Cultural Park	9,78	2,53%
Cultural Centre	1,35	0,35%
Supporting Facilities	2,06	0,53%
Healthcare	1,66	0,43%
Botanical Garden	14,54	3,76%
Agro Farm	21,47	5,55%
Sustainable Golf	71,53	18,50
Back of House	3,25	0,84%
Green Space	127,43	32,95%



Branding Concept



Eco Friendly

- Nature & Adventure
- Agro & Sustainability
- Green Activities
 - Education
 - No Plastics
- Pollution Control
- Alternative Energy

To create a unique ecofriendly and sustainable tourism destination in Toba that develops and empowers local communities by integrating technology, diversity, and innovation

Community Focused • Education & Training • Community Engagement • Health & Medical • Cultural Shows

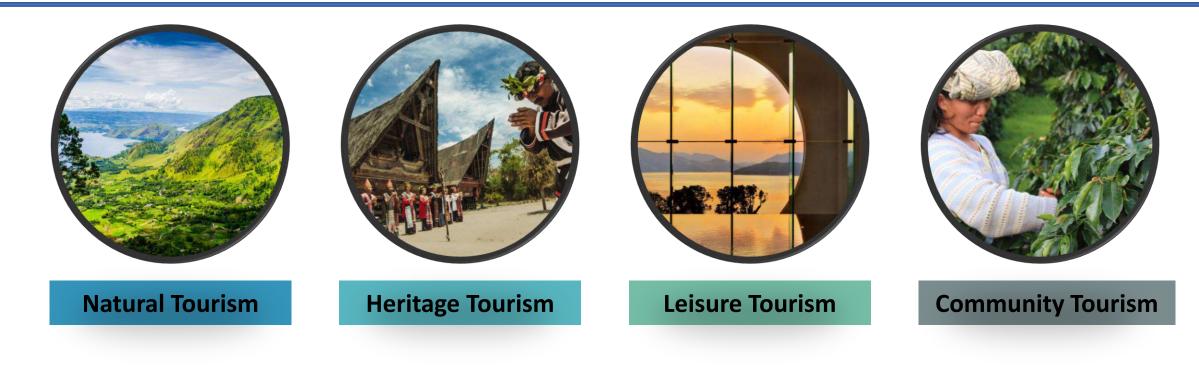




Geo-Park

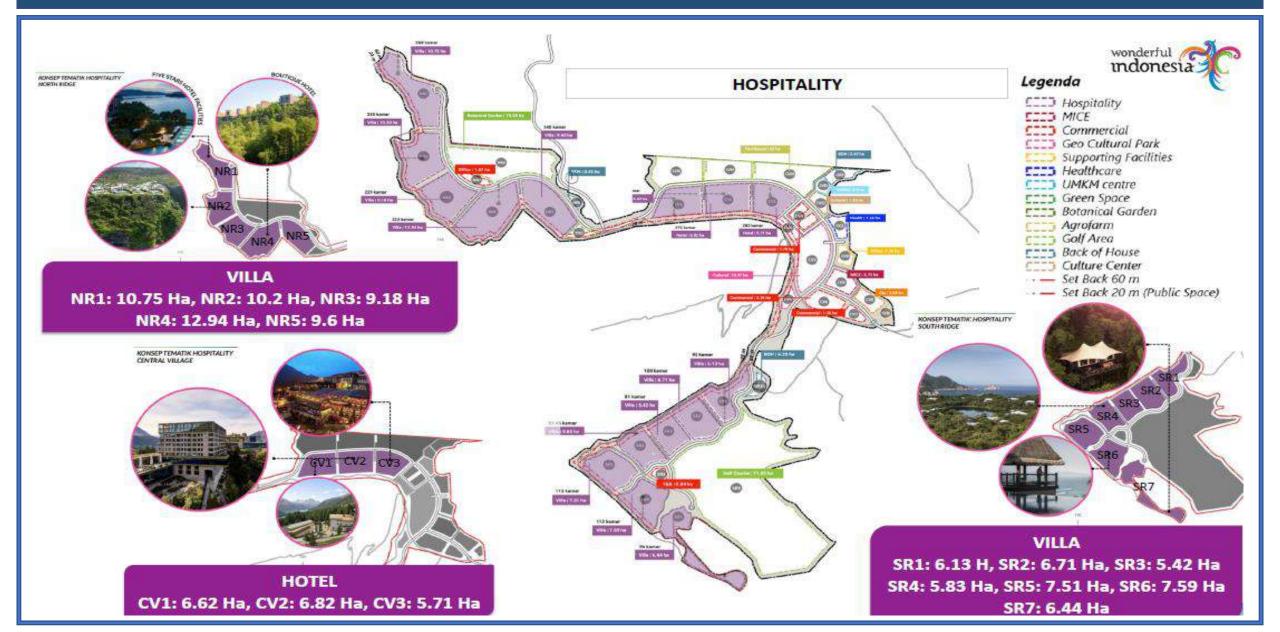
- UNESCO
- Education & Mice
- First In Indonesia
 - Best In Asia
- International Exposure
- 3D Mapping Shows
- Memorable
- Experiences

Masterplan Concept

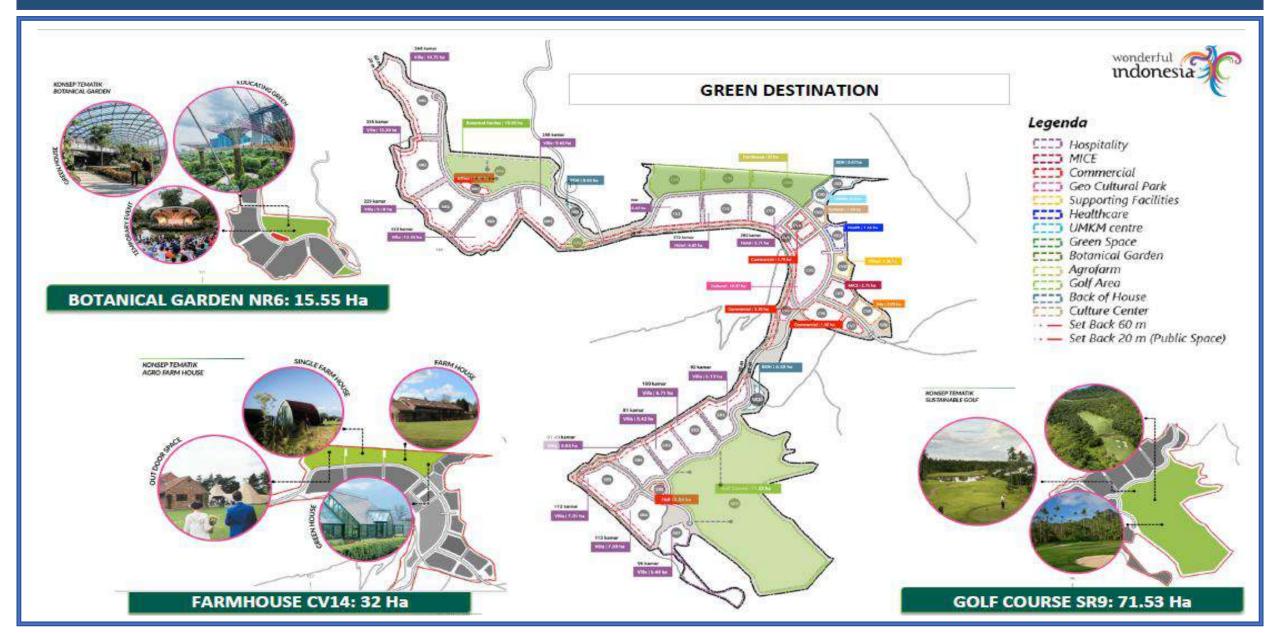


Marvelous geological attraction at one of the greatest Supervolcano on earth Heartwarming Bataknese cultural & historical pilgrimage at the heart of North Sumatera Vibrant and lively creative villages that enlivened the local economy Serene retreating resorts and lakeside delights at the natural wonder of Toba Highland

Hospitality



Green Destination



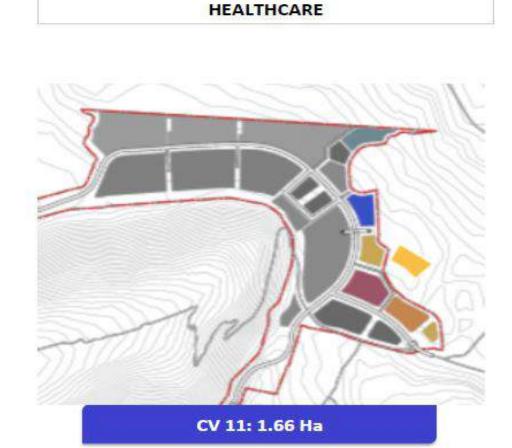
Commercial

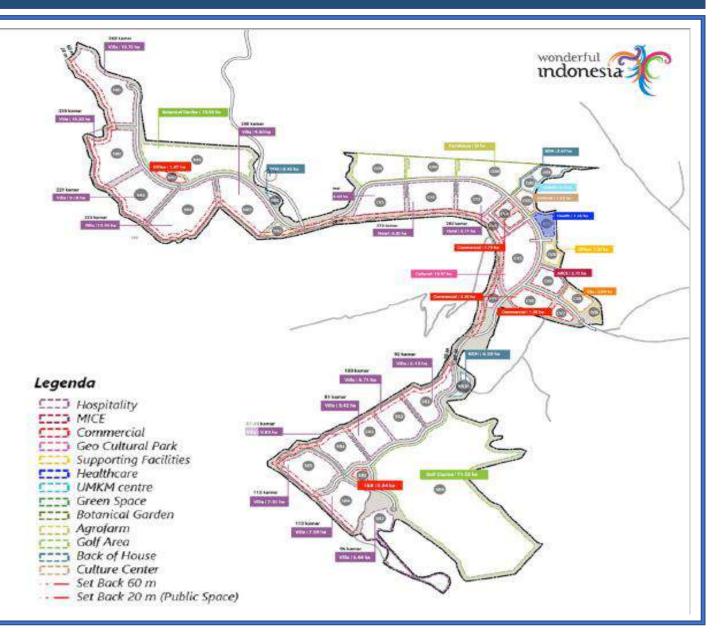


Geo Cultural Park



Healthcare





ACCESSIBILITY It's easier than ever to reach Toba

Air Connectivity

Kualanamu (KNO)

International Direct Flights : Kuala Lumpur, Singapore, Bangkok Domestic Direct Flights : Jakarta and many cities in Indonesia

Silangit Airport (DTB)

Domestic Direct Flights : Jakarta and Kualanamu **International** Direct Flights : Singapore, Kuala Lumpur (Malindo Air)

Sibisa Airport (SIW) Open for special flights



Kuala Tanjung Port & Industry Zone

Kuala Tanjung Port is developed with 3 functions at its core

The seaport will function as Sumatra gateway, which means flow of goods will be centered in Kuala Tanjung. Benefit : reducing logistic cost

Main Gateway

Integrated industrial cluster, benefitting companies with better distribution chain, more efficient operation cost, while bringing companies closer to raw material

Industry Zone

Trans Shipment As a trans-shipment hub, Kuala Tanjung will be the new distribution center for container and cargo Benefit : reducing logistic cost and distribution

Hidden Impact of Thailand's Kra Canal



Development Timeline

1

2

3

4

Multipurpose Terminal (2015-2017)

Industrial Area 3000 Ha (2016-2018)

Dedicated Terminal (Hub Port) (2017-2019)

Integrated Urban Area (2021-2023)

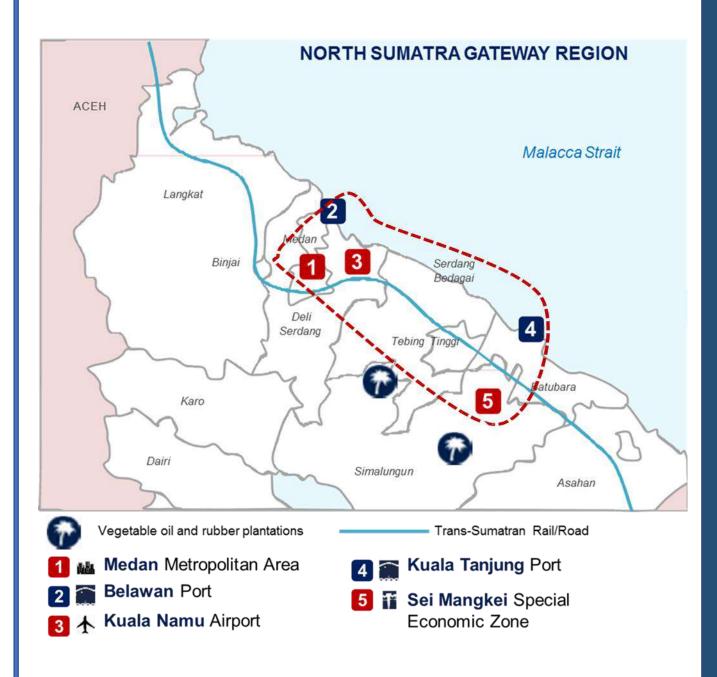
Multipurpose Terminal Project Spec

- CAPEX: 3.7 Trillion Rupiah
- JETTY
 Dimension 60 x 500 Mtr
 Length of Trestle 2,85 KM
 Lenght of Berth 1.000 Mtr (2x 500 Mtr)
 Bearing Capacity 3 Ton/M2
 Water Depth -17 M. LWS
- BERTHS CAPACITY
 Liquid Bulk Carrier: max. DWT 50.000
 Container Vessel: max. DWT 60.000
- YARD AREA
 Total Area ± 18 Ha
 Tank yard ± 4 ha
 Container yard ± 14 ha
 Bearing Capacity 6 8 T/M2
- MODALITIES: Excellent Rail, Road connection & Energy

Industrial Gateway Port Project Spec

- JETTY
 Dimensi : 60 x 300 Mtr
 Trestle : 825 Mtr
 Causeway : 1500 Mtr
 Jetties : 600 Mtr (2x 300 Mtr)
 Capacity : 3 Ton/M2
 Draft : -15 M. LWS
- JETTY CAPACITY Coal Carrier : max. DWT 60.000 Clinker Vessel: max. DWT 60.000
- AREA CAPACITY (100 Ha by 2017) Power plant :20 Ha Coal Storage : 20 Ha Cement factory: 7 Ha + 15 Ha Public area: 5 Ha Supporting Power : 6 - 8 T/M2
 INFRASTRUCTURE:
 - Railway, Trans Sumatera Highway

35



Economic Growth Driver

Kuala Tanjung, together with Sei Mangkei SEZ, Kuala Namu Airport, Belawan Port, and the new Trans Sumatra Highway are built to be the new growth drivers in the region. it is Highly connected. **These National Strategic** Projects will bring a new level of efficient logistic chain and fully integrated production base.

Sei Mangkei Special Economic Zone

To be a modern industrial city with high competitiveness and eco-friendly mindset, through optimal development of local natural resources.

Legality	PP No. 29 Tahun 2012 Tentang KEK Sei Mangkei				
Location	Simalungun Regency, North Sumatera				
Area	1,933.80 ha				
Area Manager	PT Perkebunan Nusantara III (PTPN III)				
Administrator	Badan Pelayanan Perijinan Terpadu dan Penanaman Modal Kab. Simalungun				
Investment amount	 Infrastructure : Rp. 5,14 trillion Est. total investment by 2025 : Rp. 129 trillion 				
Labor force	83,304 people by 2031				
Infrastructure and facilities	Railroad, electricity, water treatment, palm oil R&D center, industrial gas available				
Connectivity into and out of SEZ	Highway, electricity, gas pipe, dedicated train connectivity direct to Kuala Tanjung sea port, Kualanamu airport				



Sei Mangkei Special Economic Zone

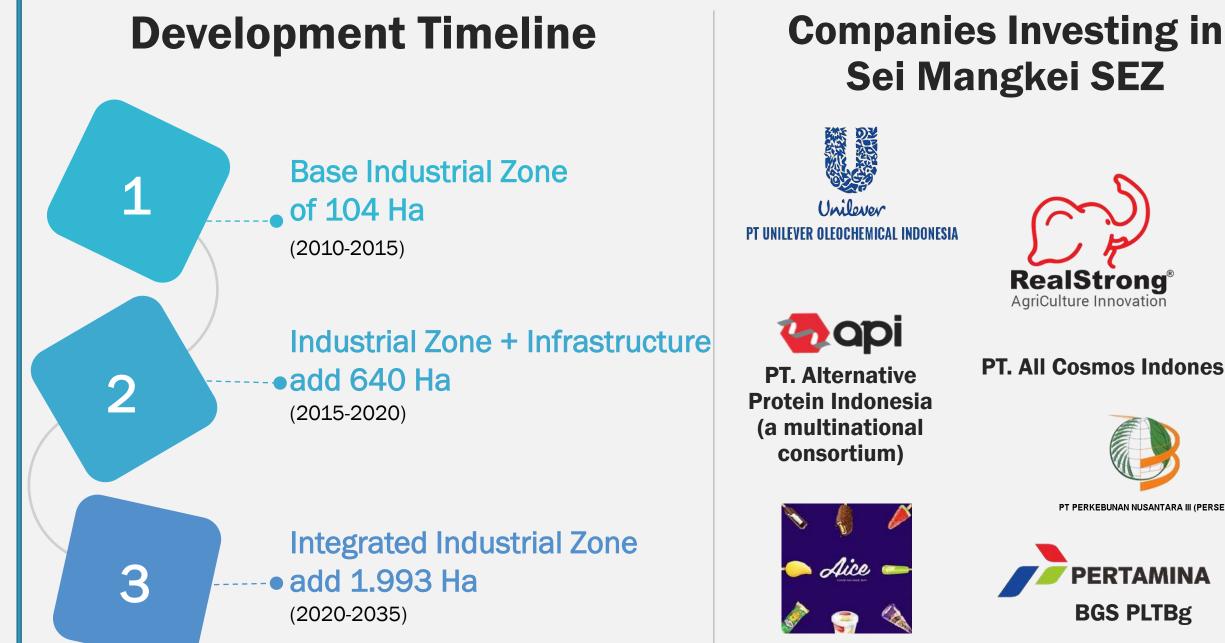
SEZ Sei Mangkei is well-linked to strategic distances :

- ✤ to Kuala Tanjung Seaport = 36 km
- to KNO Airport = 106 km
- ✤ to Medan City = 125 km
- ✤ to Belawan Seaport = 146 km

Supported by both regional and local infrastructures that built connectivity from inside to outside of the estate. **Inside the estate:** Concrete Road, Electricity, Gas Pipe Line, IT Network, Water Treatment Plant, Electricity, Waste Water Treatment Plant, Tank Farm, Dryport connected by train directly to the port.

Outside the estate: Railway track, Highway, Kuala Namu International Airport, Belawan Seaport and Kuala Tanjung Seaport.





RealStrong[®] AgriCulture Innovation

PT. All Cosmos Indonesia



PT PERKEBUNAN NUSANTARA III (PERSERO)



Investment Opportunity in Sei Mangkei SEZ

Rubber Industry Zone

Tyres Product

(Inner & Outter tyres for bicycle, motorcycle, cars)

Automotive Products

(*Dockfender, coveyor belt*, rubber roller, *bridge bearing*, rail pad)

□ Latex Goods (gloves, condom, rubber thread, balloon, foam)

General Rubber Goods

(carpets, footwear, sport apparels, household appliances)



Various Industry Zone

Textile Industry (yarn, fabrics, apparel)

Electrical appliances & Metal Industries (fan, refrigerator, sewing machine, television, and radio)

Chemical Industry
 (medicine, pharmacy)

- Food & Beverage Industry (flour, sugar, tea, coffee, salt, food packaging)
- Building materials and general industry (sawn timber, plywood, marble)

Subsidy and incentives for SEZ

 Tax holiday for investment >Rp 500bn

Tax

Income

VA

- 500bnTax allowance of 30% from NI
- Faster depreciation allowed
 - No VAT for import
 - No VAT for transactions with tenant in Sei Mangkei

Better regulation for expat workers •

Dedicated wage council •

One Labor Union allowed •

Visa on arrival for 5 visits • Immig Multiple visa for 1 year • Living permit to owners of property • ration

FISCAL

ForeignerForeign
propertyPropertyOwnerRightIiving point

- Foreigners can own property
- Owner of property can get
 living permit

Rights to build permit • Land Easier process for land • Regulation permit

- Tourism Sector
- Deduction between 50-100% for construction and entertainment tax

3 hours licensing • All licensing can be done • through SEZ administrator

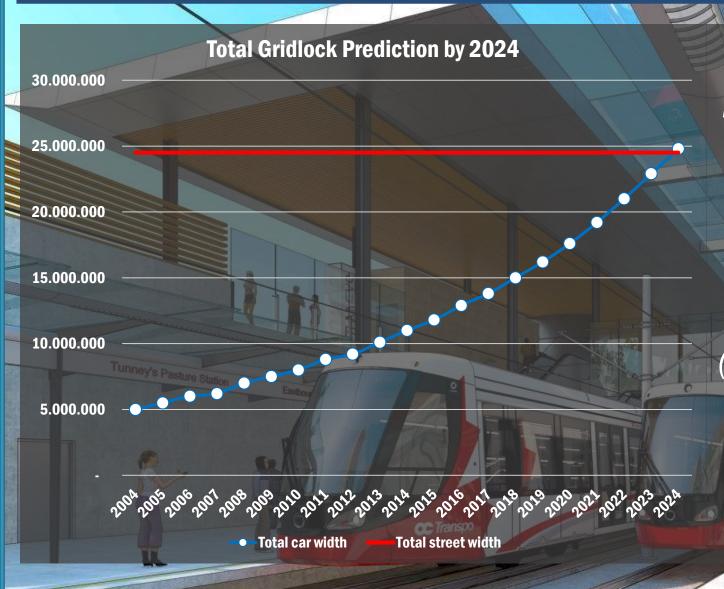
Licensing

Labor

NON

FISCAL

Medan City's LRT & BRT Scheme



As one of the biggest cities in Indonesia, Medan's limited public transport and huge growth of private car ownership are predicted to lead to gridlocks in major roads in Medan by 2022. The integrated Light Rail Transit (LRT) and Bus Rapid Transit (BRT) scheme is the government's solution to it and will become an important infrastructure to the

city with 2,2 million people.

a LRT illustration



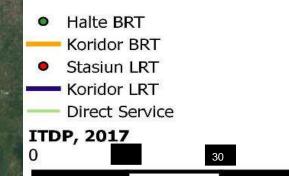
The Inadequacy of Current Mode

Currently, the public car (pictured) is the most widely used public transport in Medan city. It's not only inadequate, but also messy since they don't have a station.

The LRT & BRT scheme will not only help untangled predicted gridlock, but also become a reliable transportation mode for the city. Scheme: Public – Private Partnership Apx. Distance : 20 km (LRT) & 14 km (BRT) Inv. Opportunity : IDR 20 tn (LRT) & IDR 1 tn (BRT) **Concession Period** : 35 years Payback Period: 16,47 years **Project IRR (35 years) : 1**4,7% *Latest feasibility study result

The Initial Blueprint for Medan LRT&BRT

45 km



POTENTIAL GEOTHERMA	L					
POWER PLANT CAPACITY	Location	Current Condition	Capacity			
1370 MW •	Sarulla & Sibual buali	Existing/Expansion	660	POTENTIAL	Aek Bilah River, Tapanuli Selatan 50 MW	Batang Oru River, Tapanuli Utara 155 MW
	Sibayak/Lau Debuk-	Existing/Expansion	160	HYDROELECT POWER PLANT	AEK DI	ah River, uli Utara
	debuk Sorik Marapi	High Possibility	500	CAPACITY 307 MW	40 Lalu Biang,	MW Piasa,
-	Sipoholon	Low Possibility	50		Karo 46 MW	Asahan 16 MW

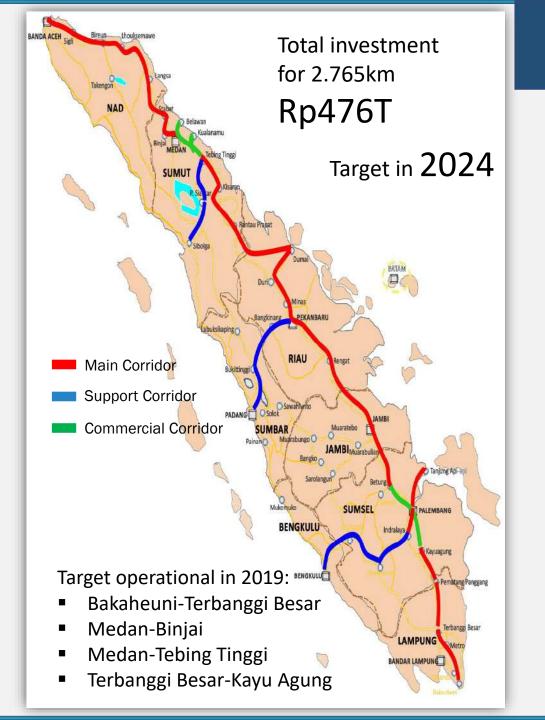
Current electricity supply in Pangkalan Susu, 2300 MW.

Future need in 2025, 5800 MW

Energy investment potential:

- Asahan Hydro Power Plant III
- Sumbagut Power Plant II (250 MW)
- Batang Toru Hydro Power Plant (510 MW)
- Biomas Power Plan
- Solar Power Plant

Asahan 16 MW Potential Investment in renewable energy



TEBING TINGGI - KISARAN

(Trans Sumatera Toll Road 1st Phase)

Feasibility Study by KOICA (Korea International Cooperation Agency), Route Selection Stage

To support the development of Special Economic Zone Sei Mangke (KEK Sei Mangke), which is the main project for MP3EI Sumatera Corridor

As a segment of Trans Sumatera Toll Road Project (Phase I) in North Sumatera Province

Medan City Zoo Expansion



As the capital of North Sumatra, Medan city develops economically. Its 2,2 million people need various of entertainment. One of them is Medan Zoo, which has become attraction for visitors. Expecting similar growth in the future, the Government offers investors to partner up and develop the zoo

2 Theme Park Well who doesn't love a theme park?

Modern Zoo Revamping the zoo by increasing the variety

of the animal.

Botanical Garden Adding a touch of botanical × garden to further increase ×

the attractiveness

Our concept for the **±** 30.000 m2 Investment Opportunity IDR 250 bn

Medan Public Hospital Expansion



Public Private Partnership opportunity to expand the Dr. Pirngadi Public Hospital in Medan city. The project includes building the VIP wing in an area of ± 10.000 m2.



The Home of Turtles Muara Opu Beach

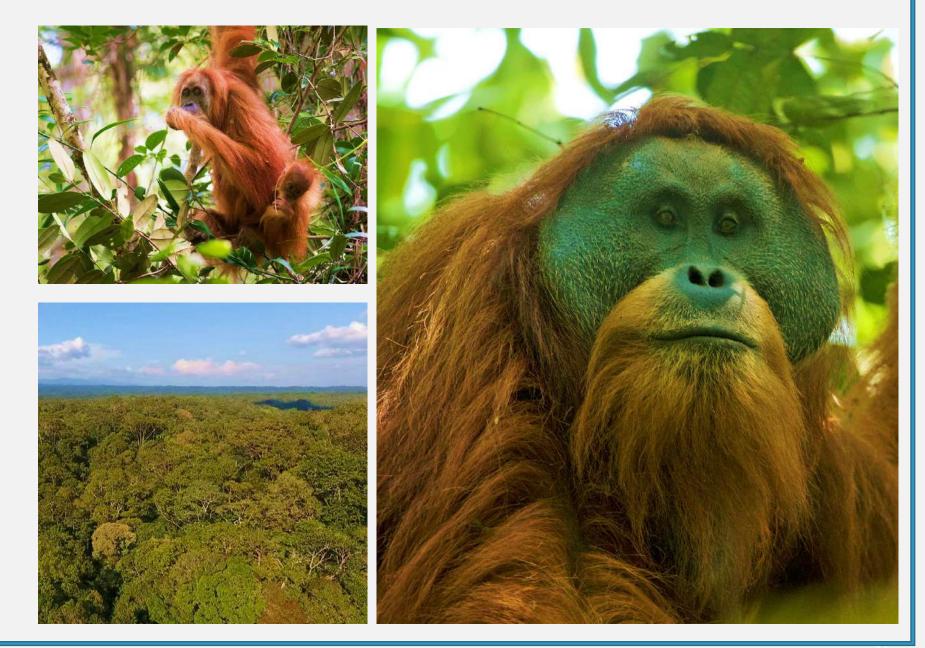
With 14 km shore length, Muara Opu beach is home for thousands of turtles to breed once a year. And at that majestic moment, the experience is breath taking.



The Oldest Orang Utan

Batang Toru Forest

Batang Toru forest is home to one of the oldest orang utan, the Pongo Tapanuliensis, which currently only 800 still exist





The King Kong Island

Mursala Island

Due to its awesome scenery and authentic wilderness, Mursala Island is famous as the place for the shooting of King Kong movie (2005)





"The Island"

Poncan Island

Imagine an island with a beautiful landscape, and a blue ocean. Where the water so clear you can see everything underneath. That's exactly what **Poncan Island** offers you.





Blending In Silahi Sabungan

Natural beauty, cultural experience and religious pilgrimage, Silahi Sabungan is a place like no other to find inner peace







The Hidden Paradise Tangkahan

Some calls it "the hidden paradise", Tangkahan is a nature wonder where you can play and have fun with the friendly elephant



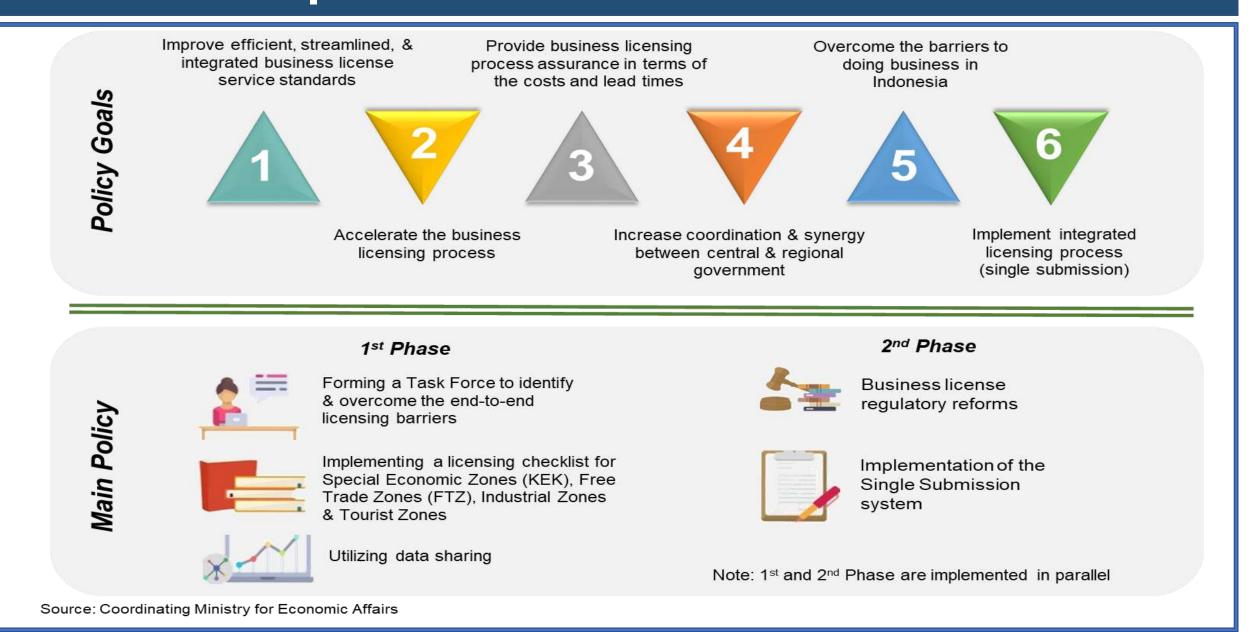
Lau Simeme Dam Deli Serdang

The water could stream within the power up to 13 million m² dam water discharge, which could be used as hydroelectric power plant. This project is essentials, as it's the human being basic needs.





LICENSING Enhanced business licensing through OSS



LICENSING Direct construction permit in industrial estates

Priority Investment Service

Direct Construction (KLIK)

Investors can directly start their project construction before obtaining construction permits. This service is supported by both **Central and Regional Governments which become the first step to synergize between central and local licensing**

No Requirements

- No minimum investments or workers is required.
- Available for **32 selected industrial estates**.
- Construction permits can be obtained in parallel with construction process.



Obtain investment licence at OSS at national or regional level.



- **Survey** a land within selected industrial estates.
- Acquire the land for your industry.



- Start the construction of your project. No other permits are required.
- Apply for building construction permit & environmental permit, in parallel with construction process.



OUR TEAM We are fully committed to help your investment



Bank Indonesia Rizki Rahmawati Investor Relation r_rahmawati@bi.go.id +6287722887165



Authority of Lake Toba

M. Rommy Fauzi Director of Tourism rommyfauzi@yahoo.com investment@bopdt.id +6281808686886



Promotion and Licensing Division Government of North Sumatra Ninta Gandana Purba Division Head nintagandana@gmail.com +628126005630



Sei Mangkei SEZ PT. KINRA

Aprial Syahputra Promotion & Marketing aprialsyahputra@gmail.com +6281264468815



Planning and Development Body Government of North Sumatra Hasmirizal Lubis Division Head ariqlubis@gmail.com +628126558330

Prima Pengembangan Kawasan

Kuala Tanjung Port PT. Prima Pengembangan Kawasan

Said Joeanna

Busines Manager

+6281284347000

sjoeanna@ptppk.co.id

Saut F. Siagian Business Director sfsiagian@ptppk.co.id +6281298556132



