



Ministry of Energy and Mineral Resources
Republic of Indonesia

A Just & Affordable Energy Transition

(Parallel Session)

Current , Challenge and Collaboration achieve Target

Presented by;

Dr Sripeni Inten Cahyani

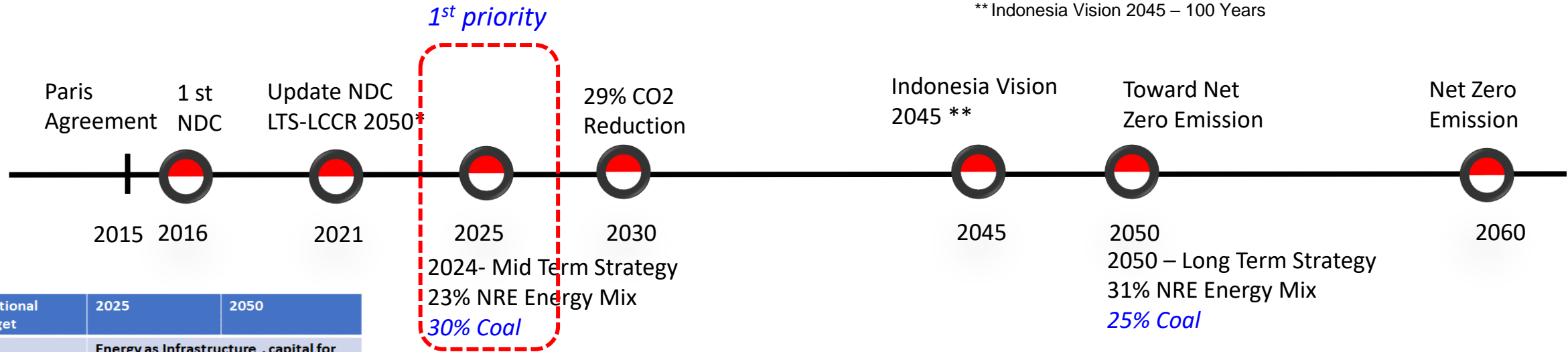
Expert staff on Electricity to Minister of MEMR

Jakarta, 22 July 2021



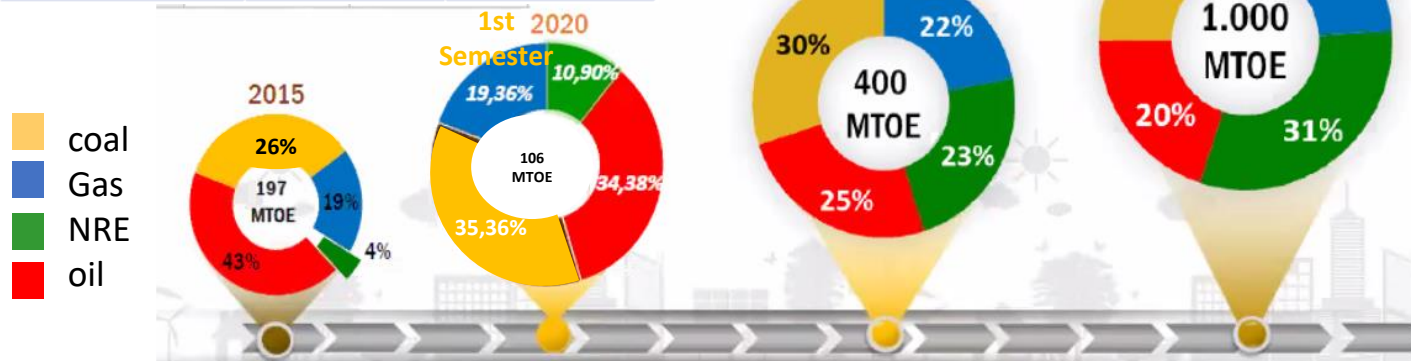
Vision- Strategies & National Interest

*Long-term Strategy on Low Carbon and Climate Resilience (LTS-LCCR) 2050
 ** Indonesia Vision 2045 – 100 Years



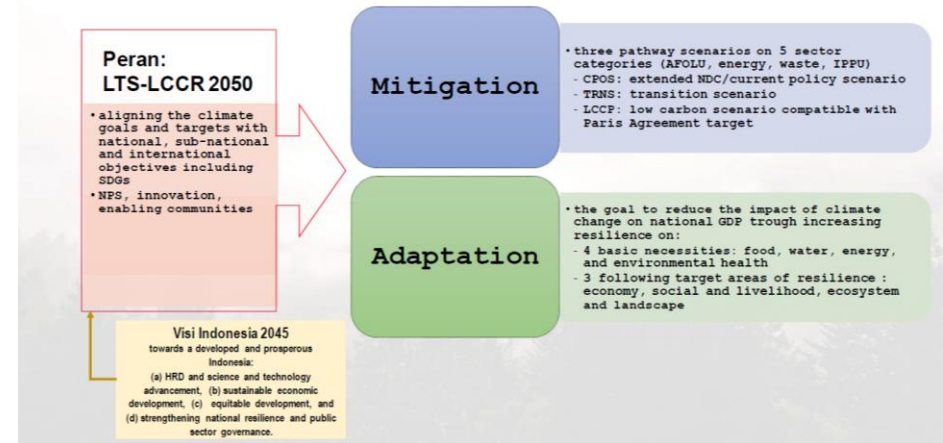
Energy National Policy Target	2025	2050
Role	Energy as Infrastructure , capital for development	
NRE Energy Mix	23%	31%
Energy Production	> 400 MTOE	> 1000 MTOE
Installed Capacity	> 115 GW	> 430 GW
Energy Elasticity	< 1	< 1
Electricity /capita/ yr	2500 kwh	7000 kwh
Electrification Ratio	100%	100%

Energy National Policy (PP 79/2014) National General Energy Planning - 2015-2050



LTS-LCCR 2050 ~ Long Term Vision

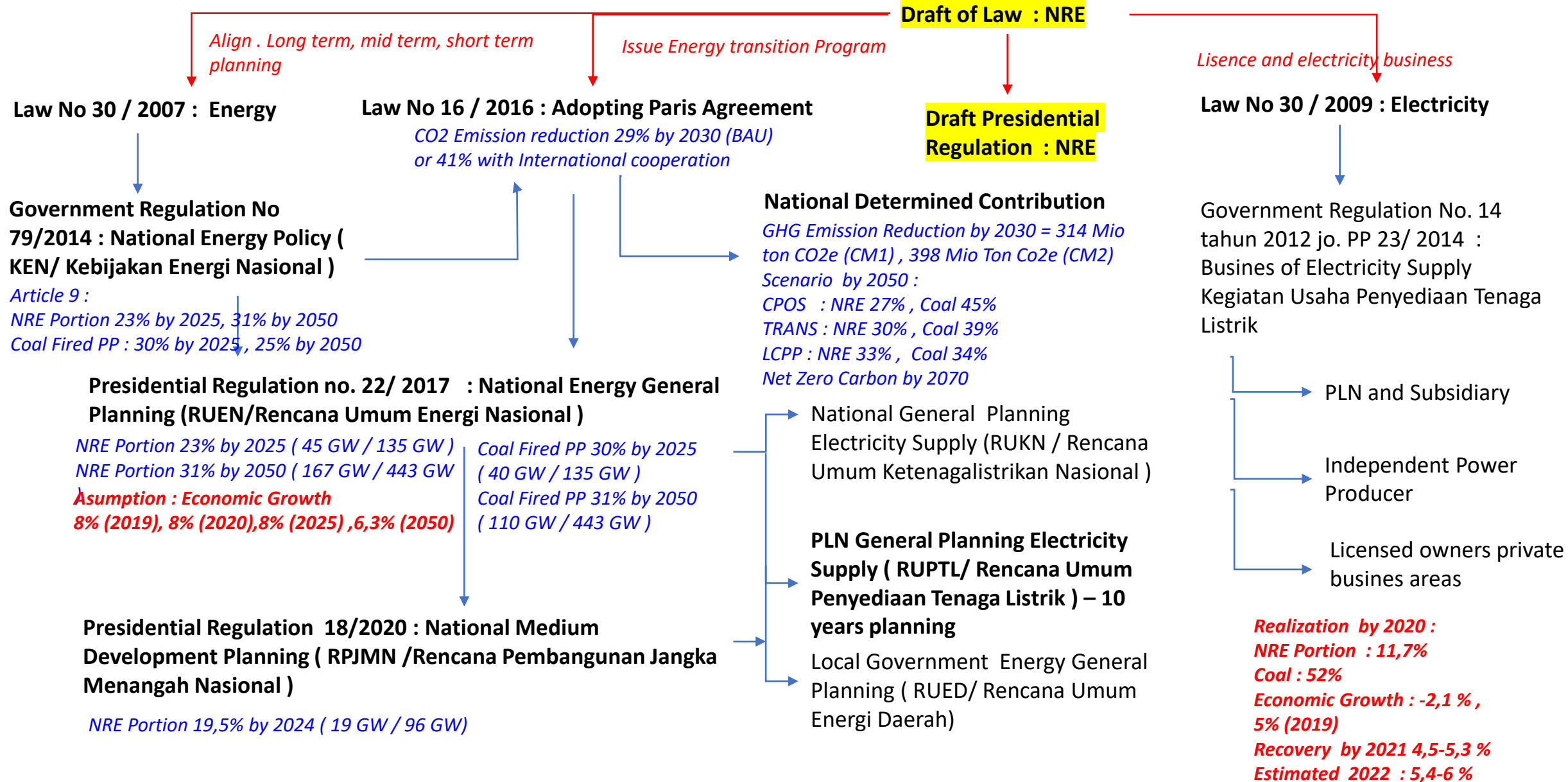
Long-term Strategy on Low Carbon and Climate Resilience (LTS-LCCR) 2050



Source : MoEF – June 2021

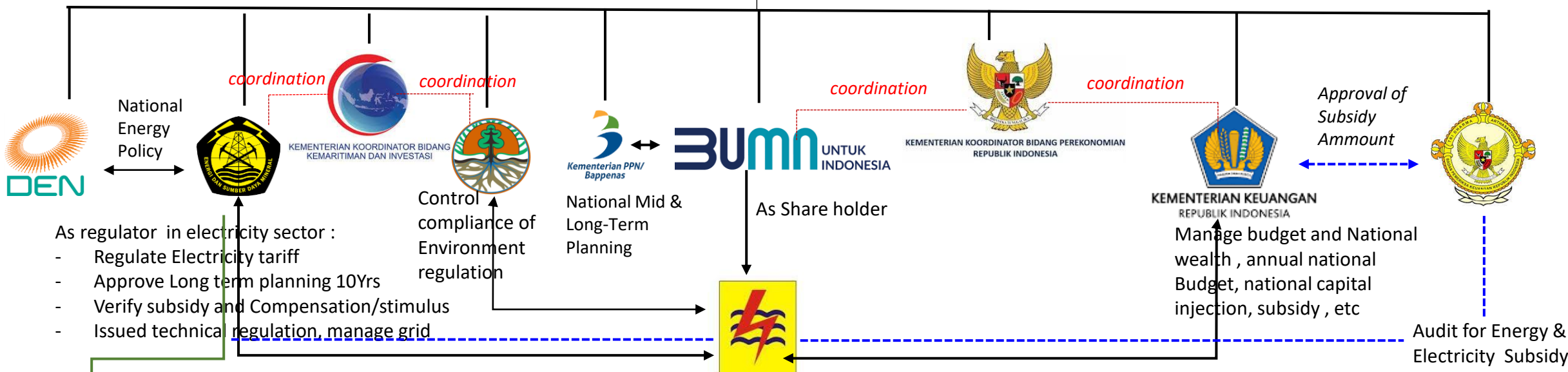


The Policy of Energy and Electricity Sector & Low Carbon Target

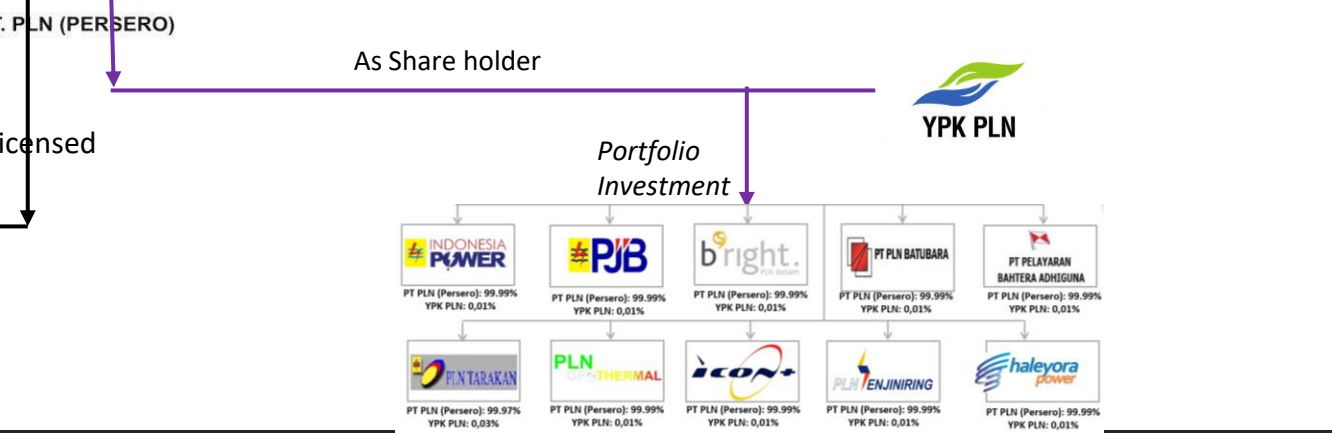
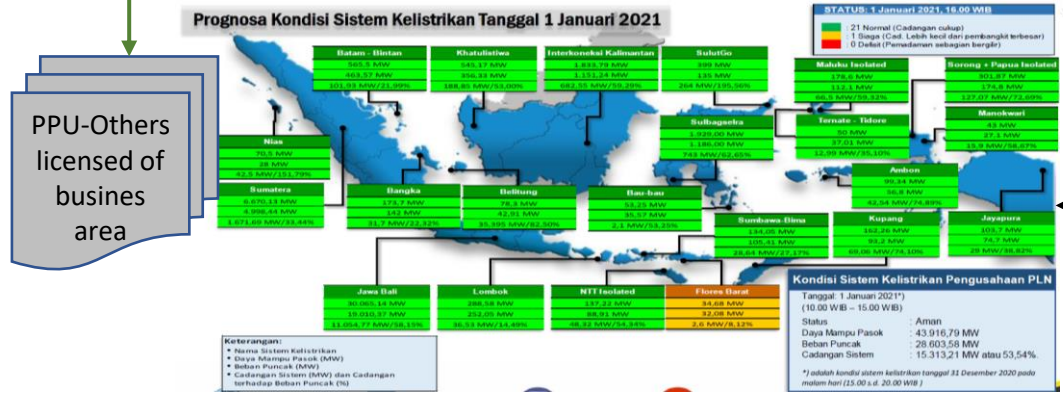


The Role of Government on Electricity Sector

One integrated Policy, strategy and actions for effective optimizing national resources to achieve national target



- As regulator in electricity sector :
- Regulate Electricity tariff
 - Approve Long term planning 10Yrs
 - Verify subsidy and Compensation/stimulus
 - Issued technical regulation, manage grid



Achieve National Target and International Support Accelerating NZE

MEMR Current Progress

Policy Arrangement

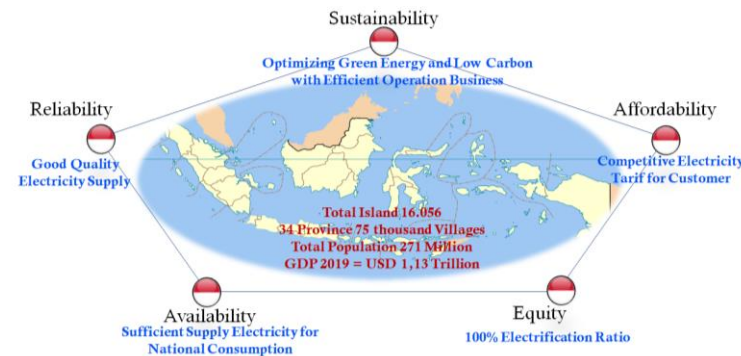
1. New approach on FIT in Tariff and staging Tariff on Draft Presidential Regulation of NRE
2. Draft Law of NRE to support NRE
3. Greener RUPTL /10 years LT Electricity Planning
4. Moratorium New Coal Power Plant Development

Technical Improvement

1. Improve reliability system
2. Strengthened interconnection and grid
3. Improve operational efficiency
4. Improve service level to customer
5. Met 100% electrification ratio on 2022

12 Strategic Program on GSE , i.e.

1. conversion Diesel to gas and NRE
2. Increase Bio diesel
3. EV
4. Conversion LPG to electricity for household



Proposal for International Support

Policy Arrangement support , i.e.

1. Smart New PPA for NRE electricity supply
2. Sustainable & modern Business model for electricity sector
3. Multisectoral study optimizing national resources

Cooperation on Enhancement Technology support i.e.

1. Energy storage Technology to met Economically
2. Interconnection / sub sea cable HV transmission program for affordable electricity supply
3. Reliability power system & dynamic modelling
4. AI and automatization in operation business process

Strategic Program i.e.

1. **REBID Integrated investment : invite strategic industry and Large scale RE package Project investment In Indonesia (North Kalimantan, Sumatera Industry & Hydro Power Plant development Project)**
2. Transformation skill & competency on labor to services oriented , enhanced engineering capability
3. Encourage **innovation capability into project development**
4. **EV national ecosystem Investment Program**

Terima kasih

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Sripeni Inten Cahyani

Expert Staff on Electricity to Minister of Energy & Mineral Resources

Has 7 years leadership experiences in BOD Member with 27 years experience background in electricity and power generation SOE in Indonesia, interesting in management asset , risk management, transformation and Human capital program.

Education :

Doctor of Economic (research on Strategic Management) –Trisakti Jakarta 2019

Magister Management - PPM Jakarta 2001

Chemical Engineer – University of Diponegoro UNDIP Indonesia 1992

Certification : ERMCP-3110304 – ERMA (Enterprise Risk Management Academy) Singapore

Leadership Experience :

Expert Staff on Electricity to Minister of Energy & Mineral Resources June 2020- present

Commissioner of PT Pupuk Kujang Cikampek Indonesia –Agustus 2020 - Present

Director of Procurement Strategic 1 of PT PLN (Persero) -2019-2020

Chief Executive Officer PT Indonesia Power (PLN Subsidiary) - 2016-2019

Chief of Financial Officer PT Indonesia Power (PLN Subsidiary) – 2013-2016

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