



Ministry of Energy and Mineral Resources  
Republic of Indonesia



# 20% in 2020 – Unlocking ASEAN's Energy Efficiency Potentials: **Implementation of Energy Conservation Policy in Indonesia**



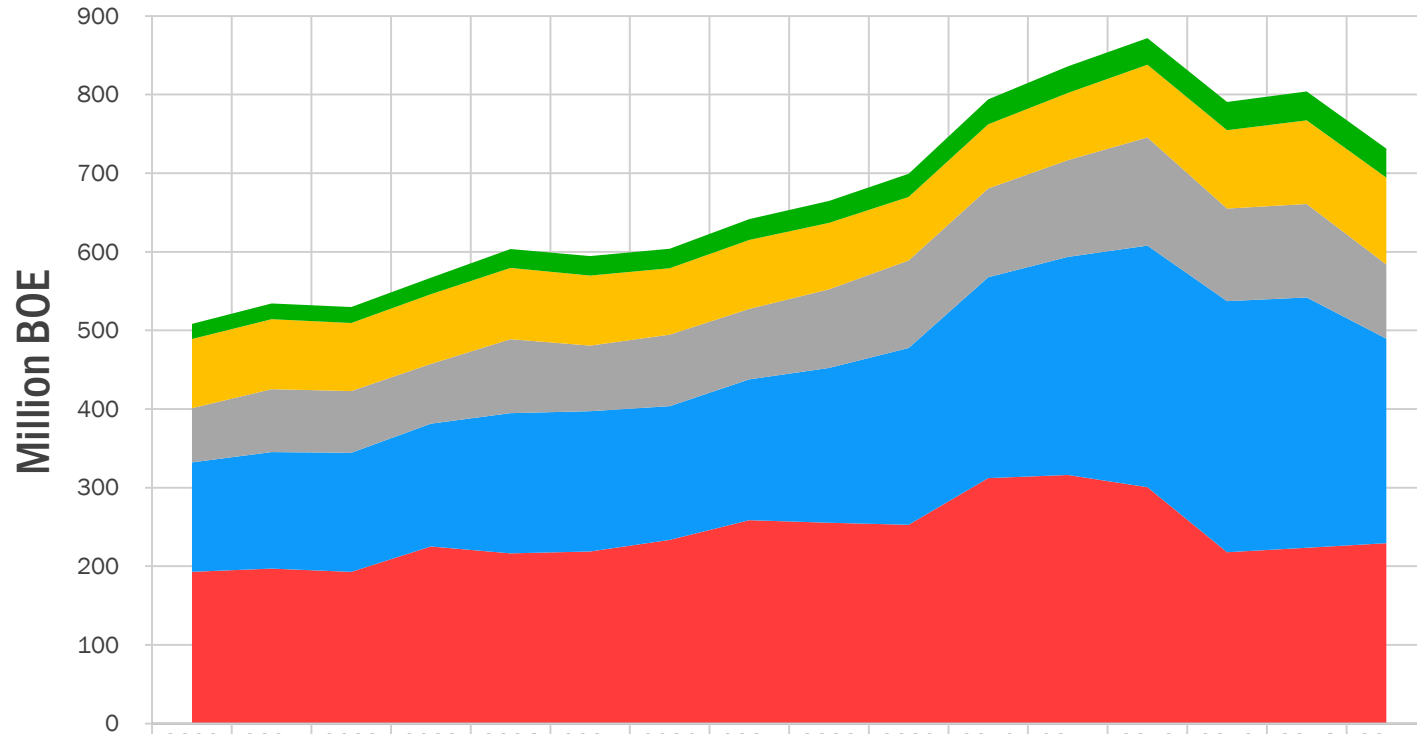
**Dr. Saleh Abdurrahman**

Secretary General of National Energy Council

SIEW 2017, Singapore, 26<sup>th</sup> October 2017

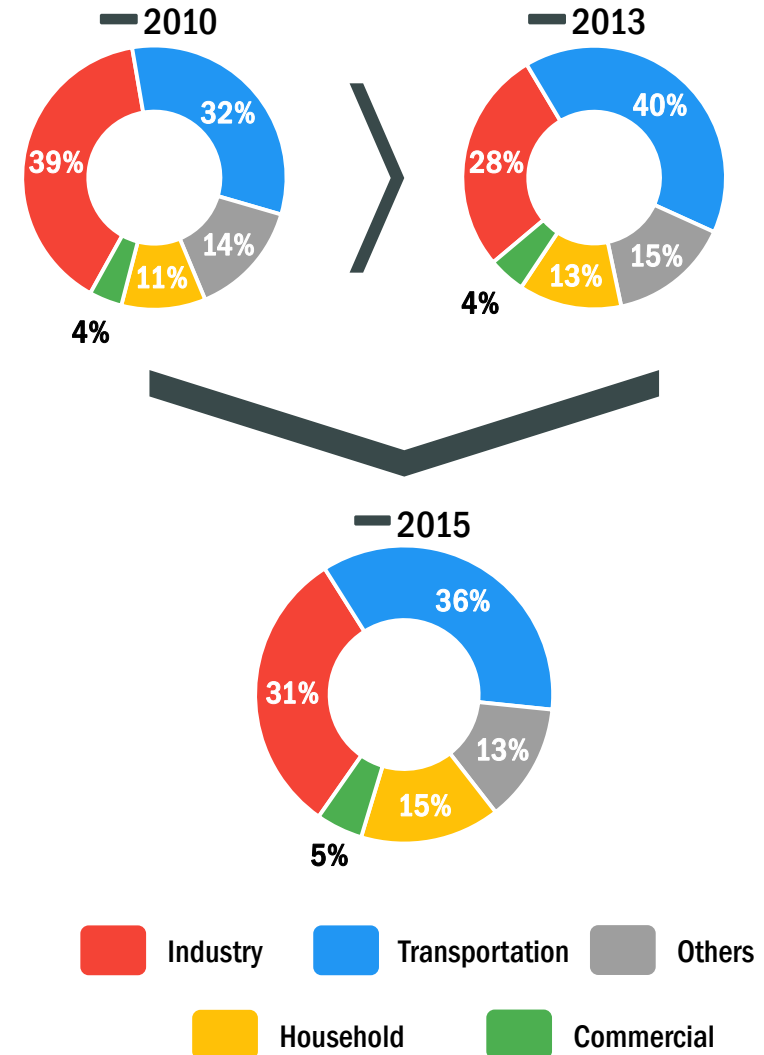


# Final Energy Consumption



	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Commercial	19	20	20	21	24	25	25	26	28	29	32	34	34	36	37	37
Households	88	89	87	89	91	89	85	88	85	81	82	85	92	100	106	111
Other	69	80	79	76	94	83	91	90	100	111	113	123	138	118	119	94
Transportation	139	148	151	156	178	178	170	179	197	225	256	277	307	319	318	260
Industrial	193	197	193	225	216	219	234	259	255	253	312	316	301	218	224	229

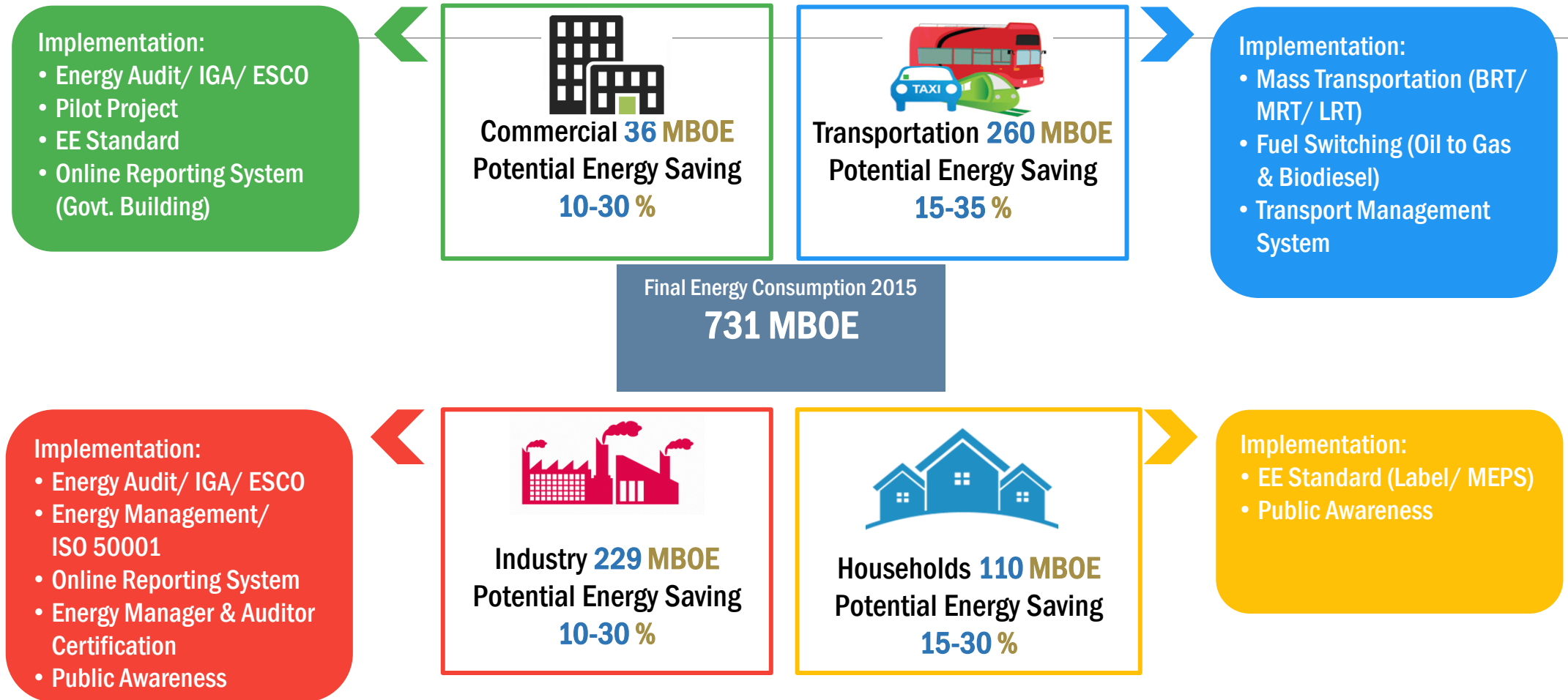
Final Energy Consumption per Sector in 2010 2013, & 2015



Source:  
Handbook of Energy & Economic Statistics of Indonesia Final Edition 2016



# Existing Energy Conservation Development



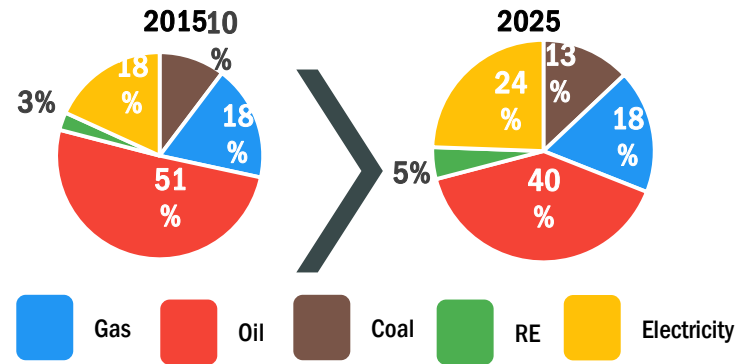
Note :- Excluded Biomass

- Other Sectors consist of agriculture, construction, & mining

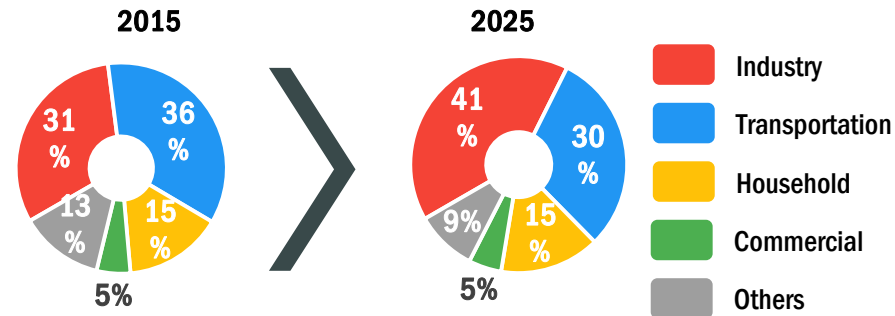
Source : Handbook of Energy & Economic Statistics of Indonesia 2016 Final Edition, KESDM

# Energy Conservation Targets and Strategy

## Final Energy Supply Mix



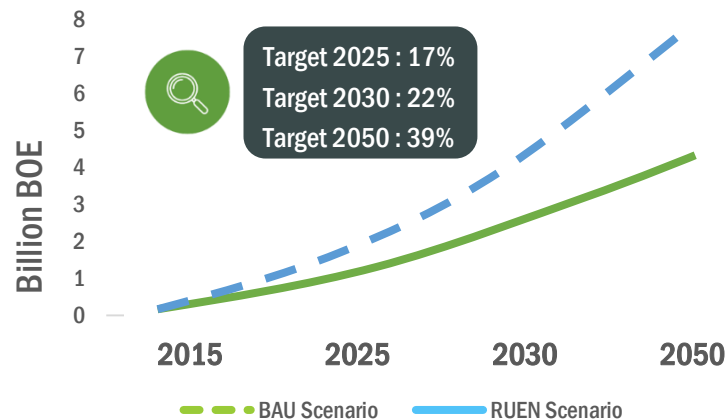
## Final Energy Consumption Mix by Sector



## Target 2025

- To reduce energy intensity 1% per year until 2025
- To achieve energy elasticity less than one in 2025
- To achieve final energy saving 17% in 2025

## Final Energy Supply 2015 - 2050



Note: Excluded Biomass

## EE&C Strategy

1. Implementing energy management mandatory for large energy users > 6000 TOE;
2. Implementing EE Standard and Labelling for appliances;
3. Implementing EE&C in government agencies as pilot;
4. Encouraging private investment in EE&C;
5. Increasing awareness of energy user on energy saving;
6. Increasing the capacity of Human Resources and mastery of technology;
7. Implementing EE&C monitoring system, evaluation and supervision;



# What is Needed to Accelerate EE Implementation

- **Financial support**

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- low interest loan,
- Climate/green fund,
- public-private partnership

- **Fiscal and non fiscal incentives**

- Tax incentive for EE equipment,
- ESCO

- **Clear and consistent regulatory implementation**

- **Technical assistance (energy audit and implementation)**

- **Targeted and continues EE awareness program**

# Thank you



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**Terima kasih**  
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