

# **INDONESIA's ACTION PLAN TO REDUCE GREENHOUSE GAS EMISSIONS 2010-2020**

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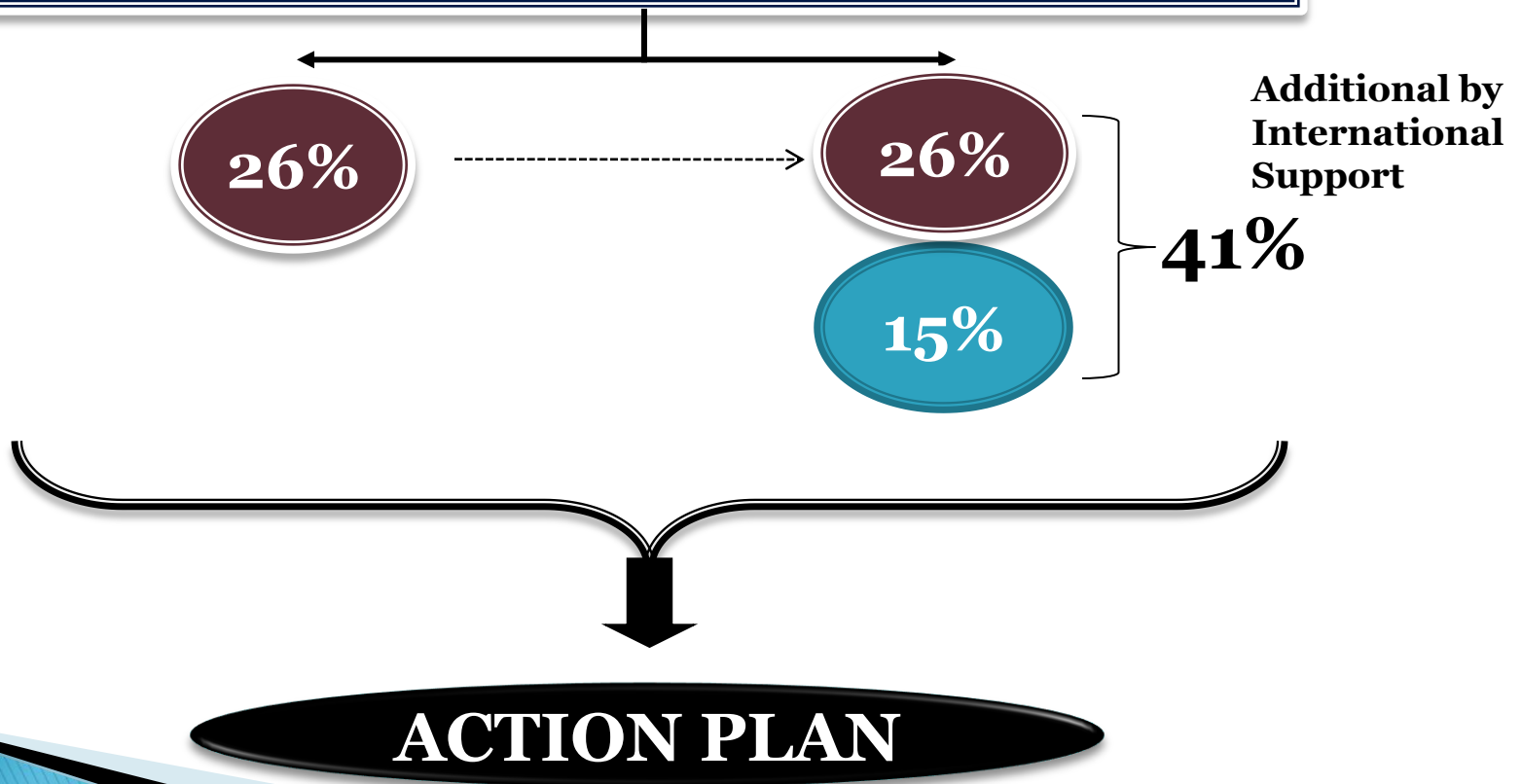
13 October 2010

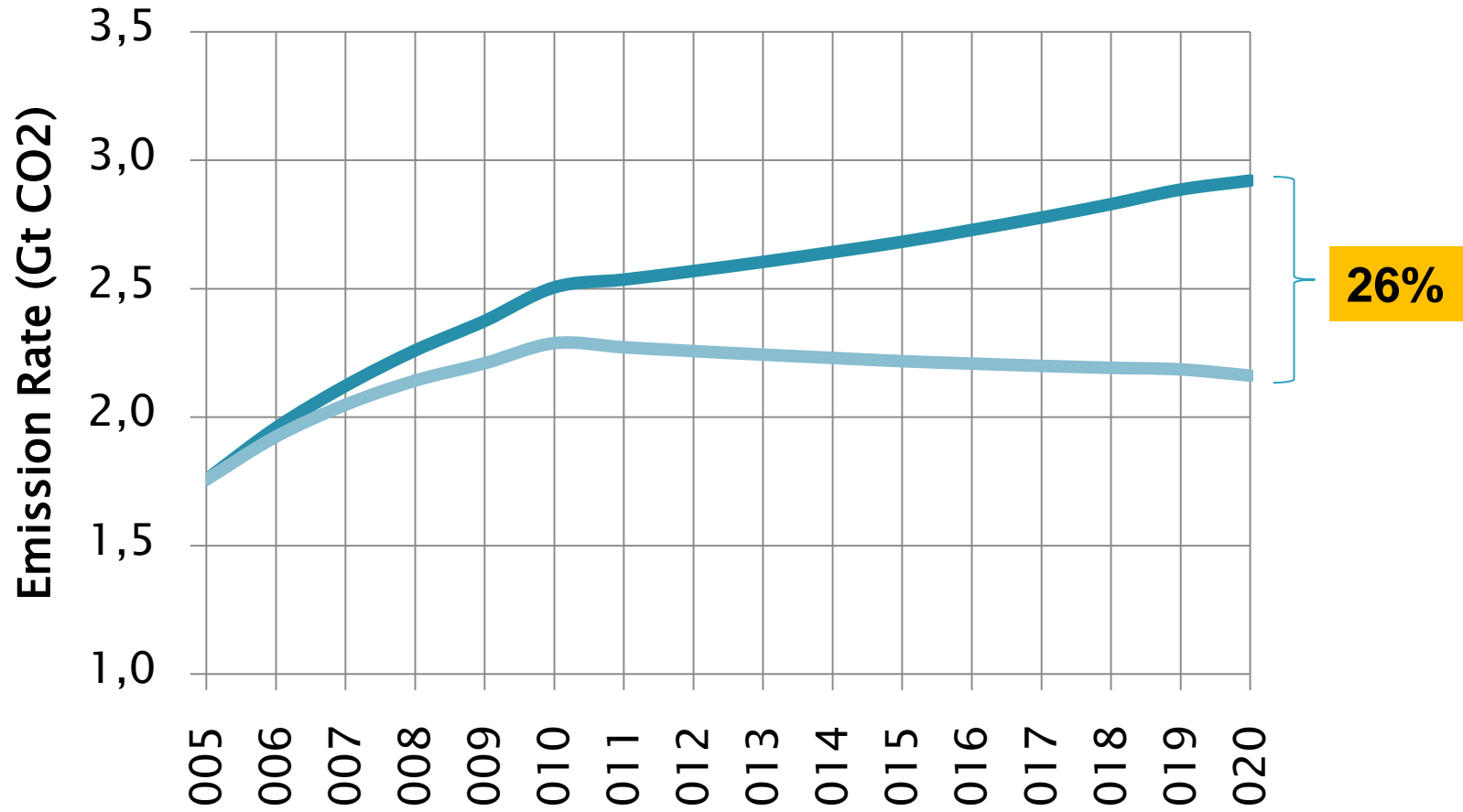
# 1. Background

1. Climate change has been an important issue especially by increase Greenhouse Gas from fossil fuel.
2. Indonesia has ratified Kyoto Protocol of UNFCCC on Climate Change by Law No. 17/2004.
3. *Bali Action Plan* (December 2007) gave long term vision to reduce GHG through *Common But Differentiated Responsibility principle*.
4. Change paradigm of development and economy through *low carbon economy approach*.
5. Indonesian President commitment at G-20 in Pittsburgh, USA (September 2009) dan COP-15 in Copenhagen, Denmark (December 2009) to reduce GHG by 26% from BAU (*business as usual*) in 2020 and by 41% with international assistance.

# Indonesian Commitment at G-20 Pittsburgh dan COP15

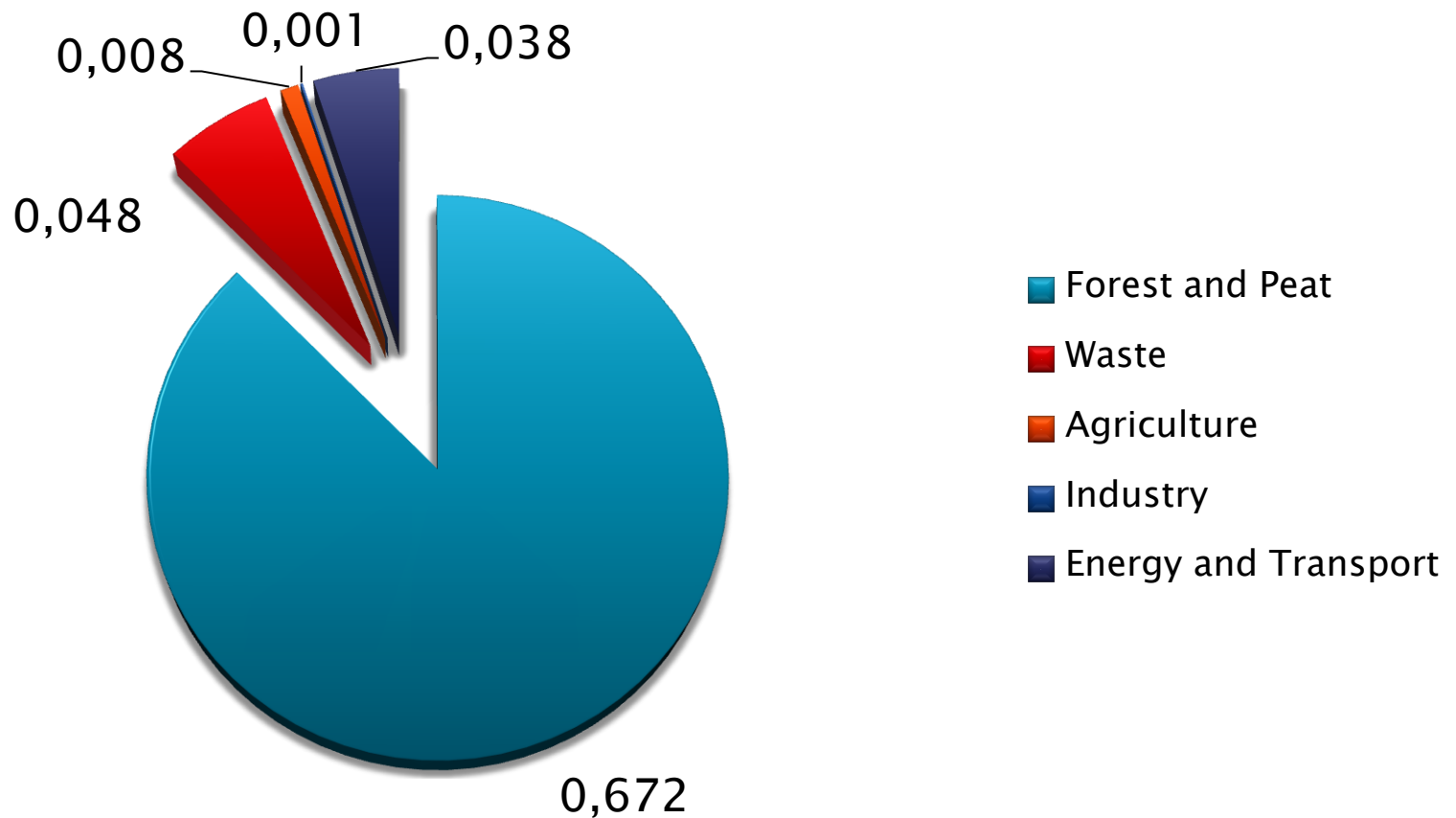
Reduce GHG Emission by 2020





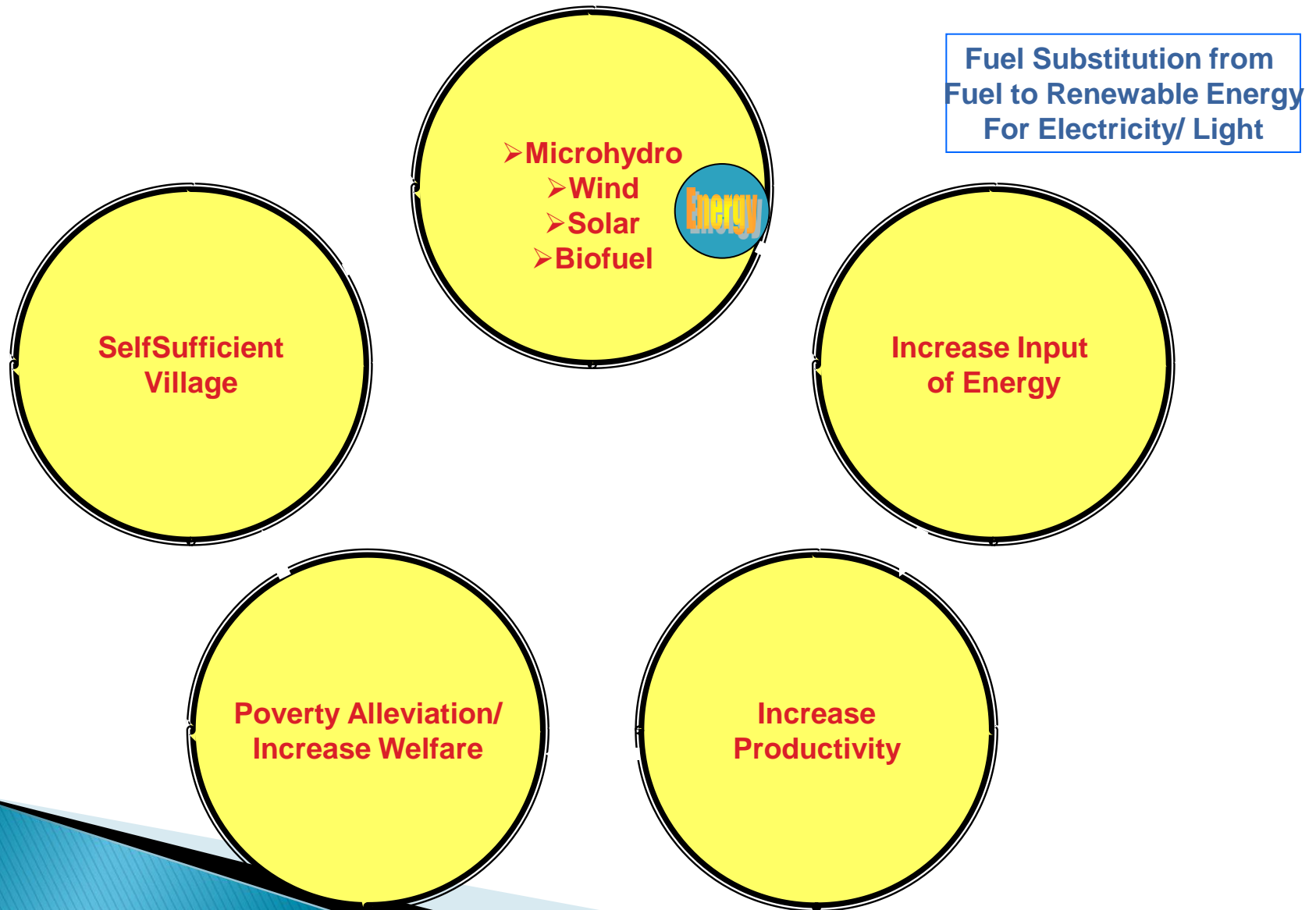
## 2. Scenario to Reduce GHG Emission 26%

Emission in Indonesia is expected to increase from 1.72 to 2.95 GtCO<sub>2</sub>e between 2000 and 2020



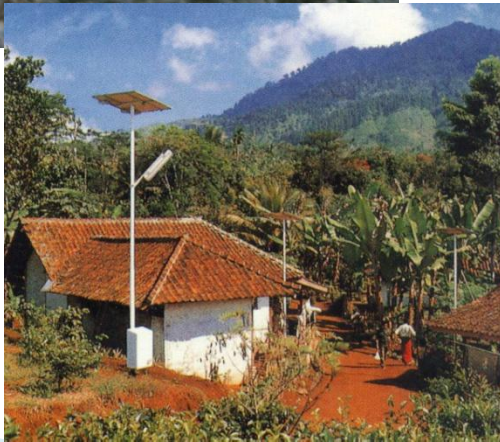
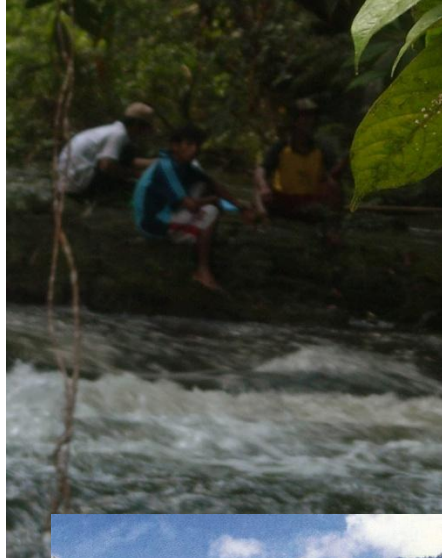
Sector	Action Plan
<b>Forest and Peat</b>	Forest fire control, Forest and land rehabilitation, Forest plantation, Avoid deforestation
<b>Waste</b>	Waste management by 3R (Reduce, Reuse, Recycle)
<b>Agriculture</b>	Introducing new rice variety (low emission), efficient of irrigation approach, organic fertilizer
<b>Industry</b>	Low carbon technology, Energy efficiency, Renewable energy use
<b>Energy and Transport</b>	Renewable energy use (biofuel, geothermal, solar), Increase fuel standard, Public transportation and road management, Energy efficiency, Renewable energy

# 3. Energy Self Sufficiency Village





# Microhydro and Solar





# Biofuel Sources



**Thank You**