



GGKP Annual Conference 2019

**Achieving Global Energy Transformation**

21–22 October | Seoul, Republic of Korea

GREEN GROWTH  
Knowledge Partnership

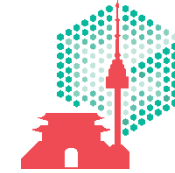


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Unlocking Renewable Energy Potential



# Energy Efficient Buildings: Policy and Practice landscapes in Ghana

**Name: Ama Kissiwah Boateng**



# Outline



Rationale



Insights from the research



Lessons learnt



Outputs or benefits



Future Collaboration

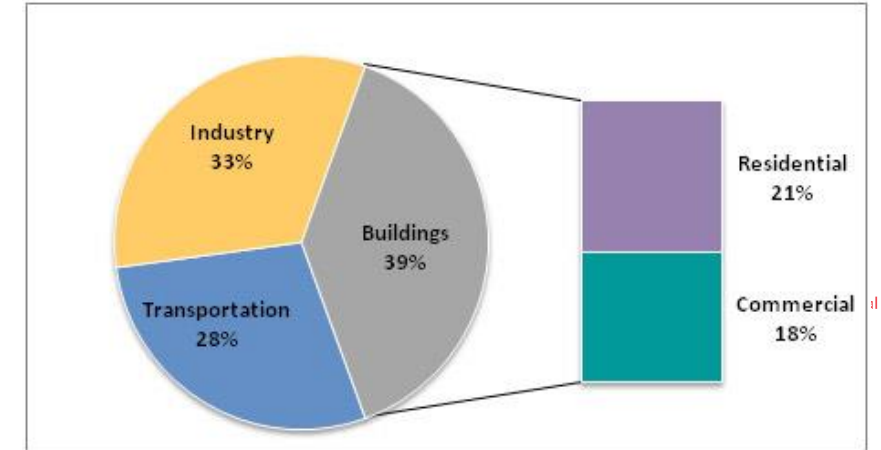


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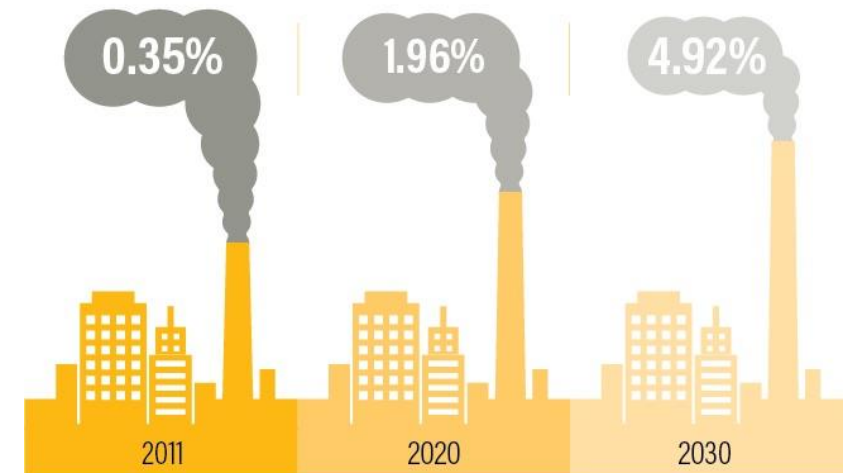
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# Rationale for the research

- Increase in CO2 emissions
- Unstructured regulatory frameworks



LEED Certification and U.S. Emission Reductions



Source: Greenbiz/Green Building Market and Impact Report, 2011

# Rationale for the research

- Unsustainable construction
- Building materials



# The current practice

- Regulatory frameworks and building codes
- Permitting process
- Copying building models from elsewhere
- Owner's choice





# Lessons learnt

- Eco-construction (e.g. building materials)
- Promoting renewable energy in buildings
- Energy savings in residential buildings
- Smart technology for energy management of buildings



# Output or benefits



Environmental  
benefits



Economic  
growth



Social benefits

# Future collaboration







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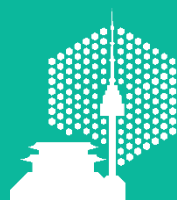


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# Thank You

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Unlocking Renewable Energy Potential



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