

# **AIM/Trend Model: India Results**

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# Structure of the Presentation

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- A brief introduction to the model
- The AIM/Trend output for India
- Conclusion





# Framework

- Target year: 2032 (“Rio+10”+30)
- Region : Each Asia-Pacific country
- Item : Economy (GDP, GDP share ...)  
Energy (demand, supply)  
Environment (GHGs, water ...)
- Type : Regression model
- Language: Microsoft Excel Macro, VBA

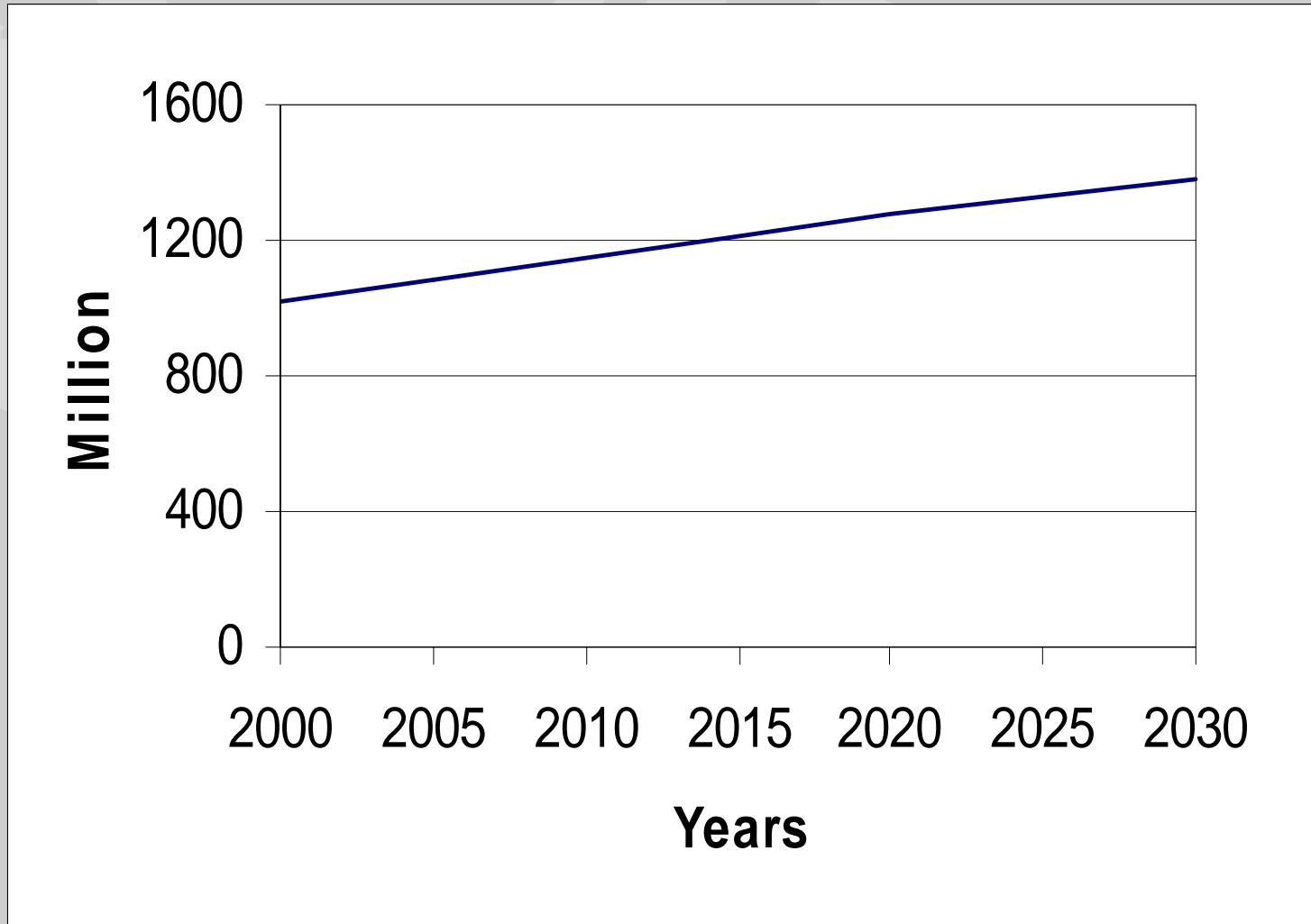


# Driving Forces



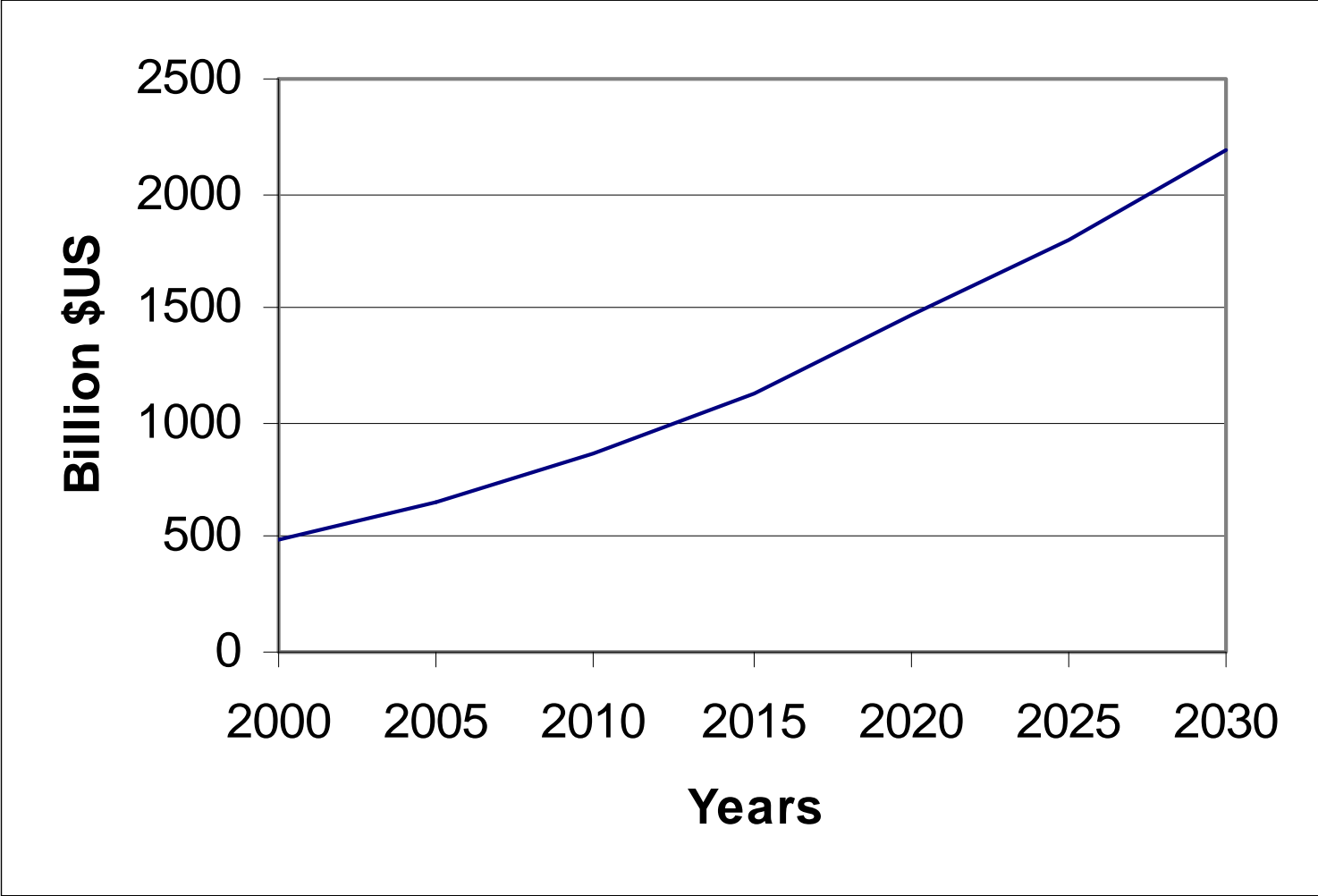
# India-Population

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# India-GDP

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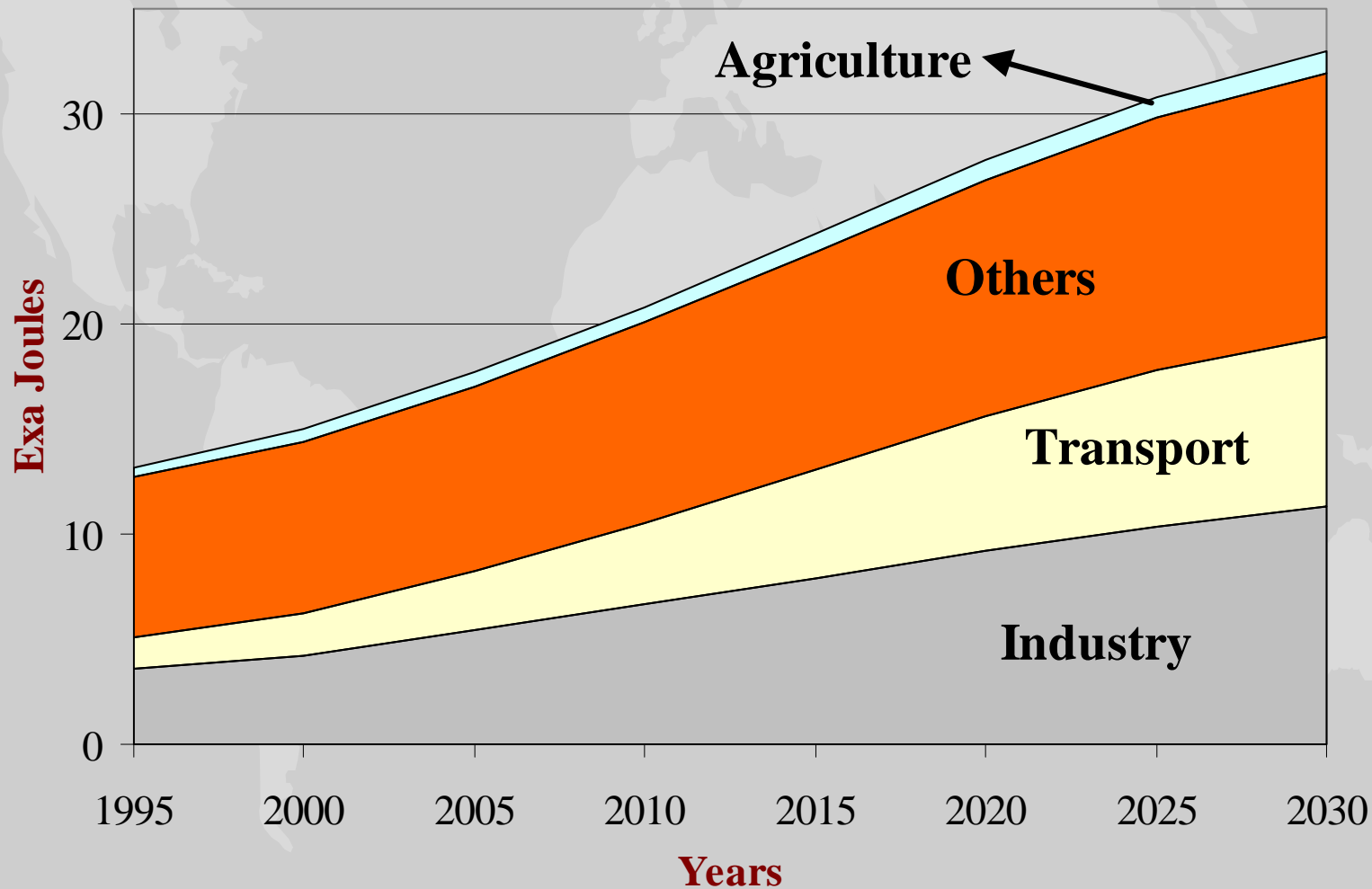




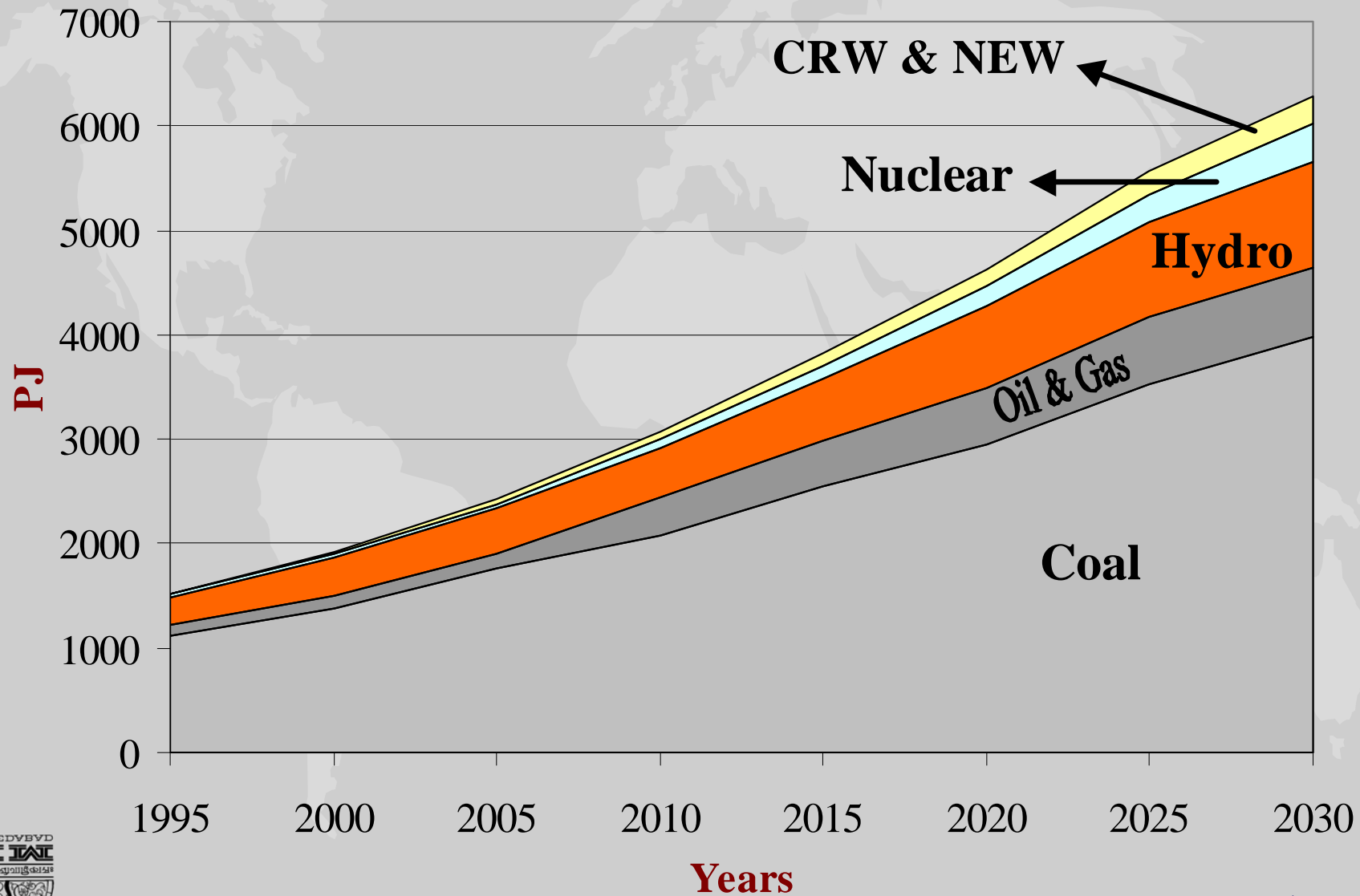
# India Results



# Energy Consumption by Demand Sector

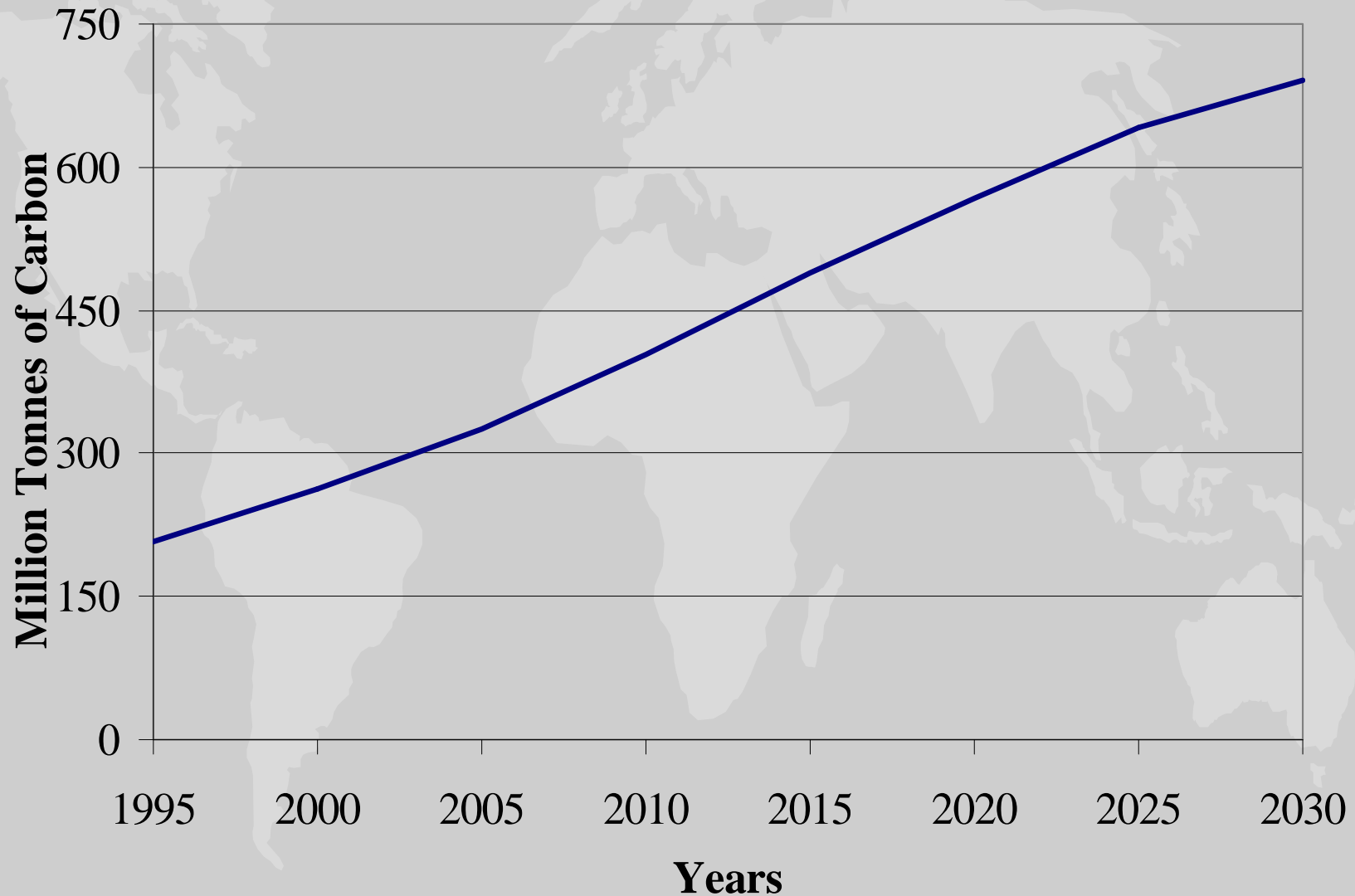


# India- Electricity Generation



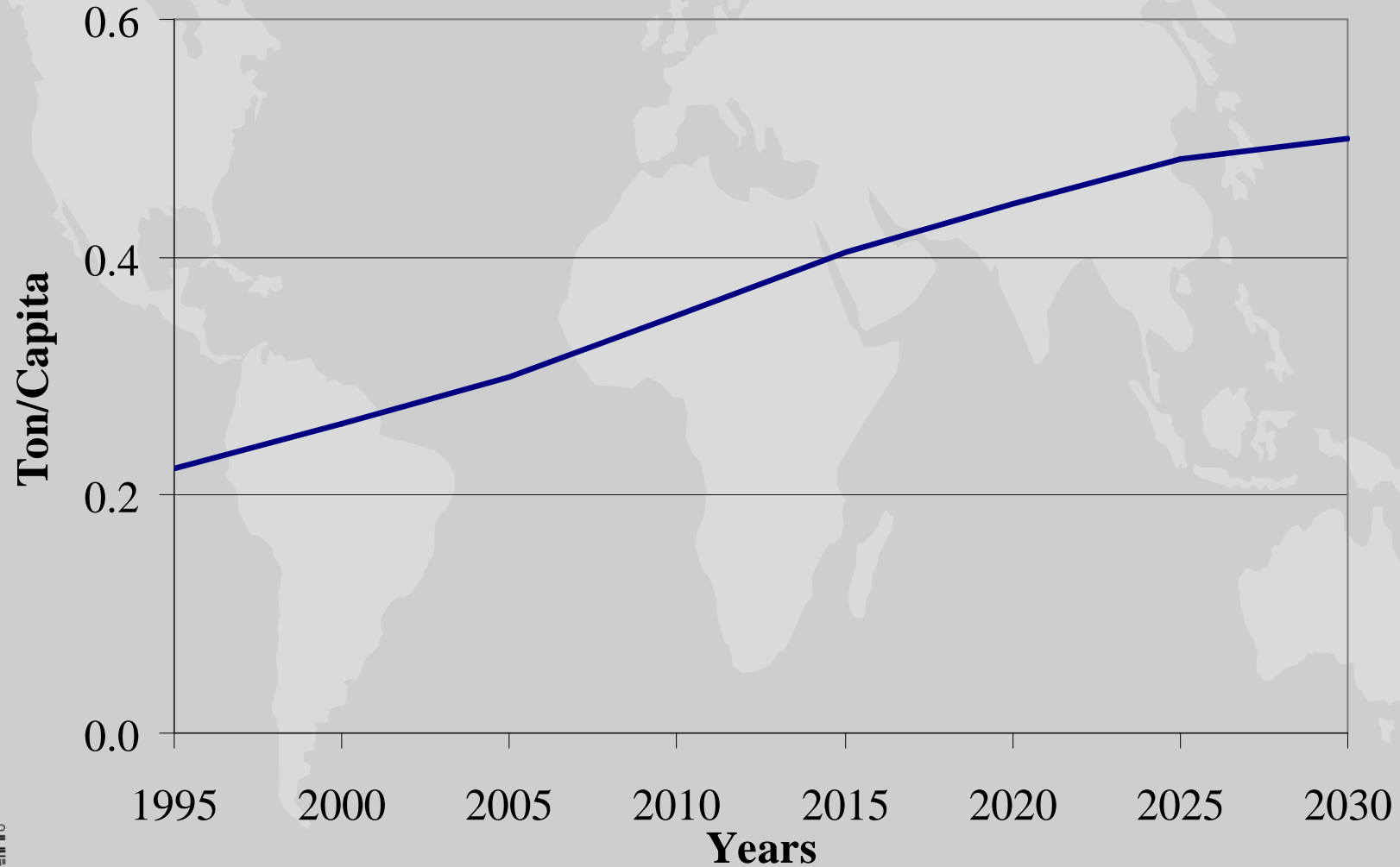
# India-Carbon Emissions

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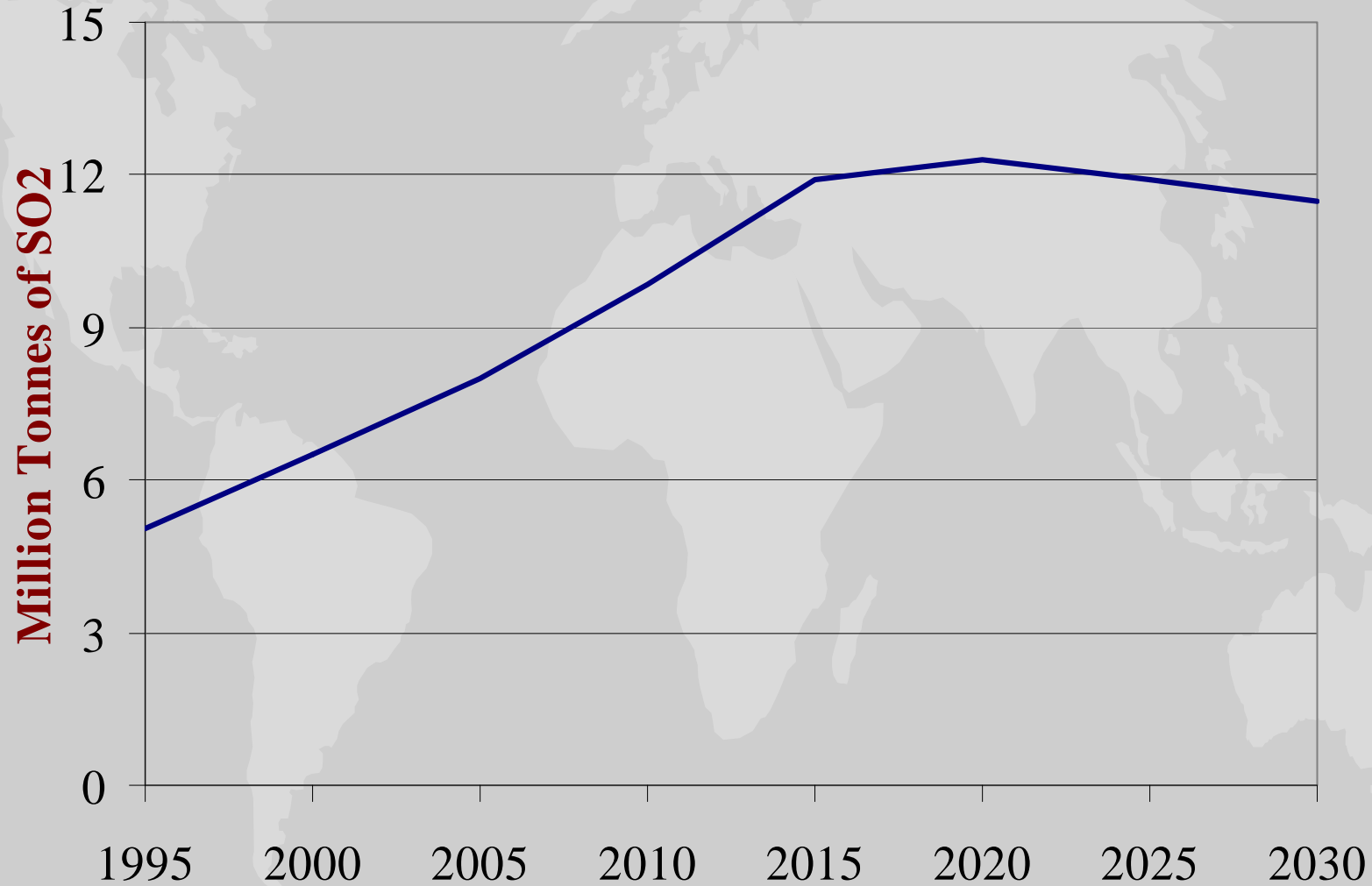
# India- Carbon per Capita Emissions

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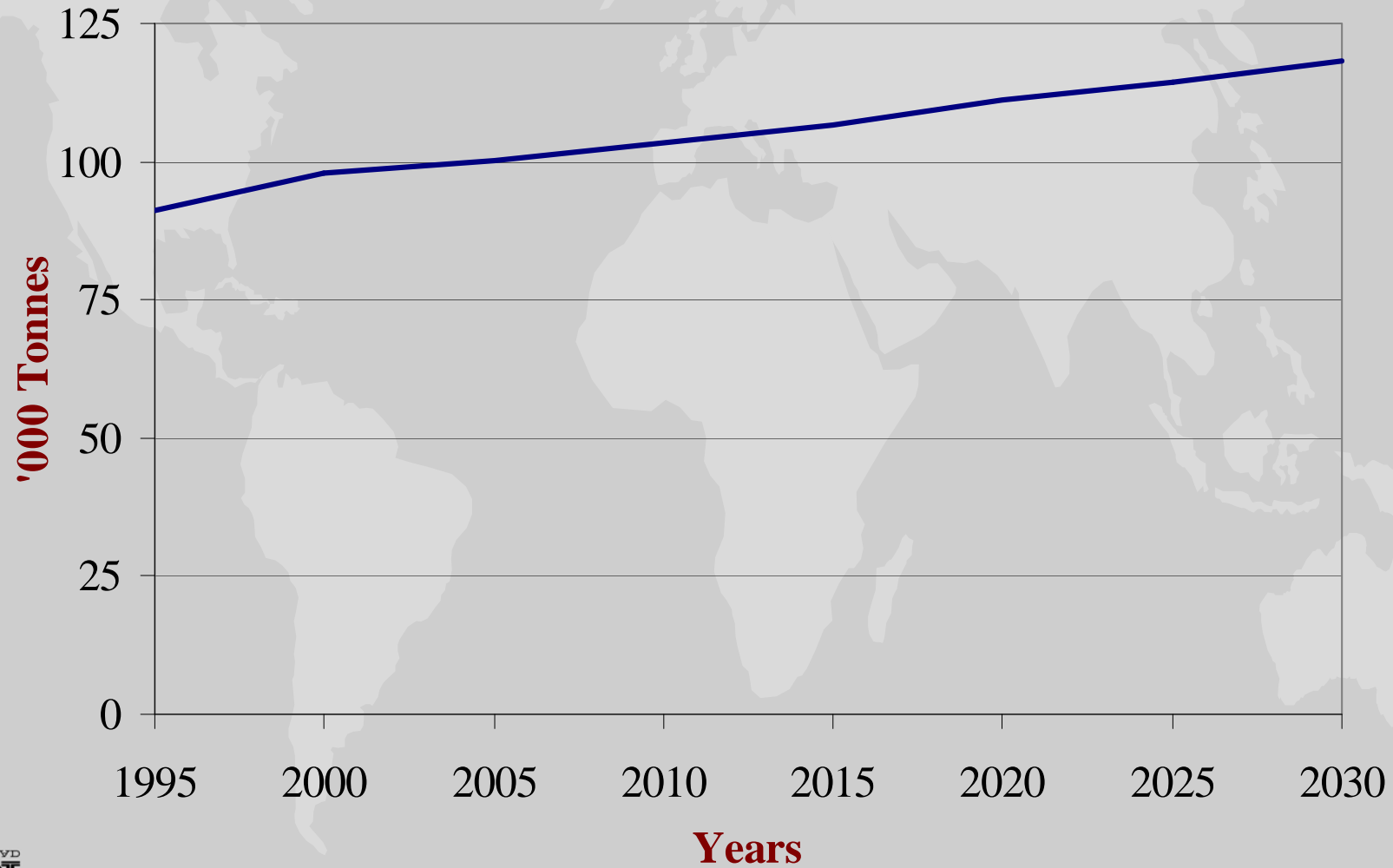
# India - SO<sub>2</sub> Emissions

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# India-N<sub>2</sub>O Emissions

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# Conclusion

- The model follows a simple methodology
- User can develop desired scenarios
- Model for policy analysis: e.g.
  - Coal is expected to be the main stay for power generation
  - Rising carbon emissions, but per capita emissions below developed country levels
- AIM/Trend is a suitable tool for future energy-environment analysis

