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Energy Trends in Developing Asia: Priorities for a Low-Carbon Future
Annex I: Country Data and Figures

September 2011

Energy Trends in Developing Asia: Priorities for a Low-Carbon Future

Annex I: Country Data and Figures

September 2011

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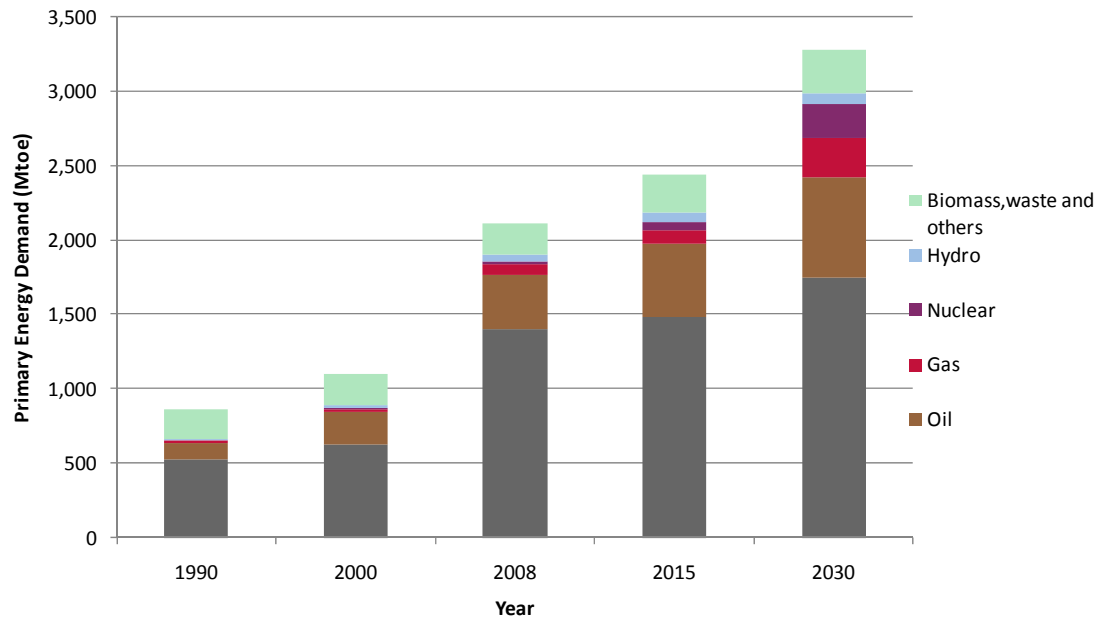
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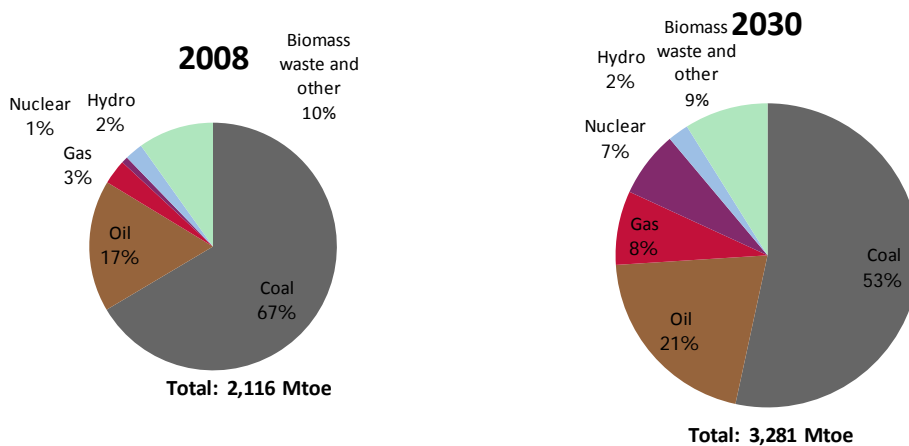
SECTION I. CHINA

Figure I.1. Primary Energy Demand by Fuel Type, 1990-2030: China



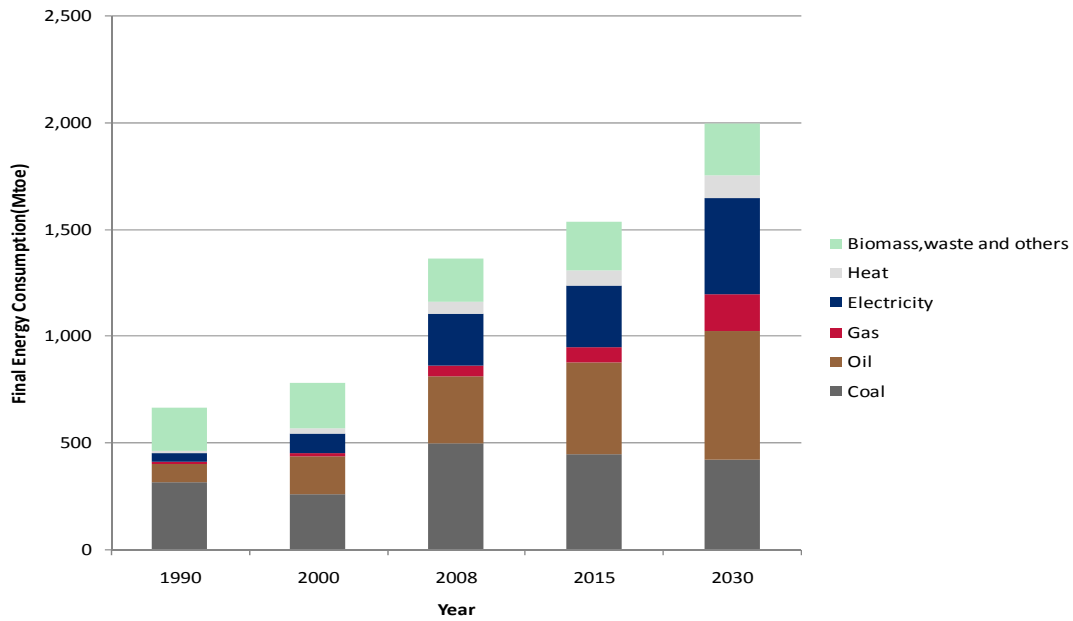
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure I.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: China



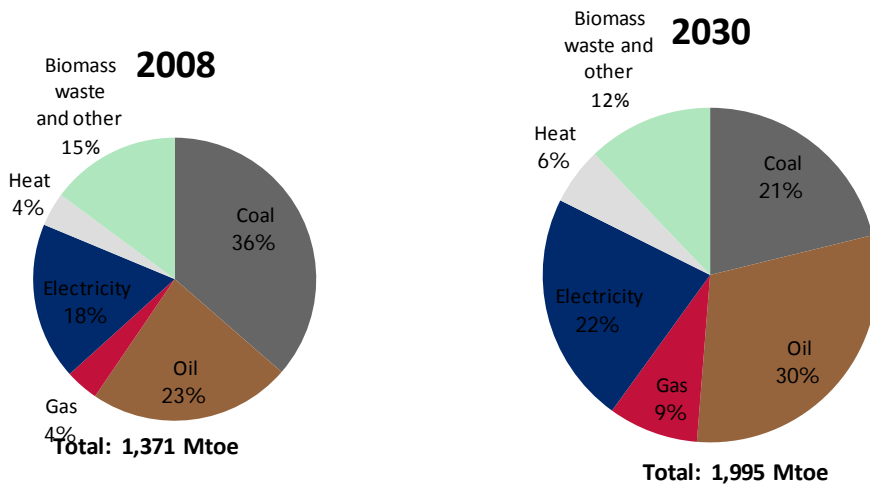
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure I.3. Final Energy Consumption by Fuel Type, 1990-2030: China



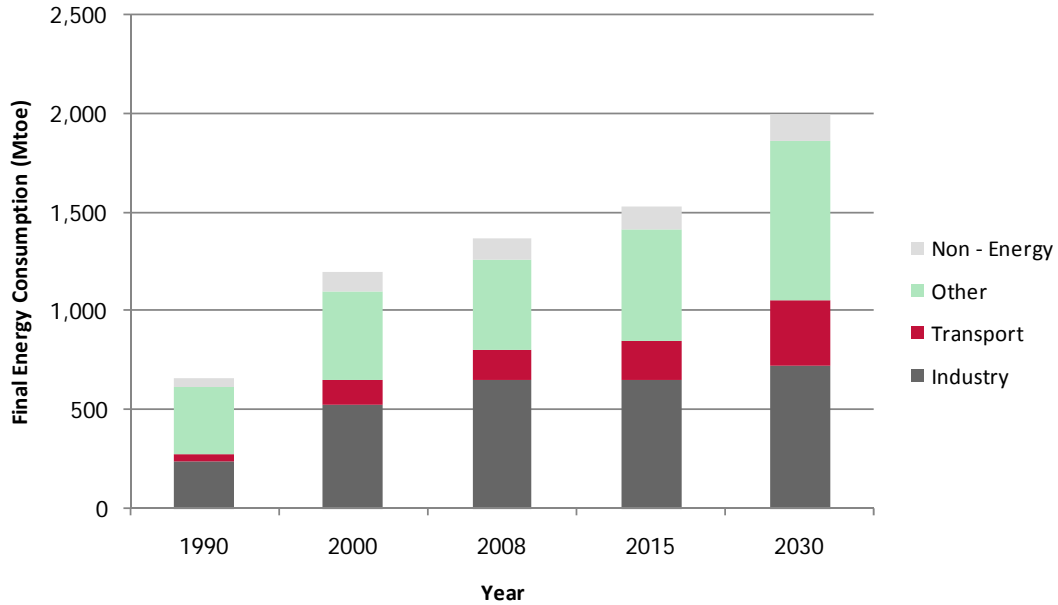
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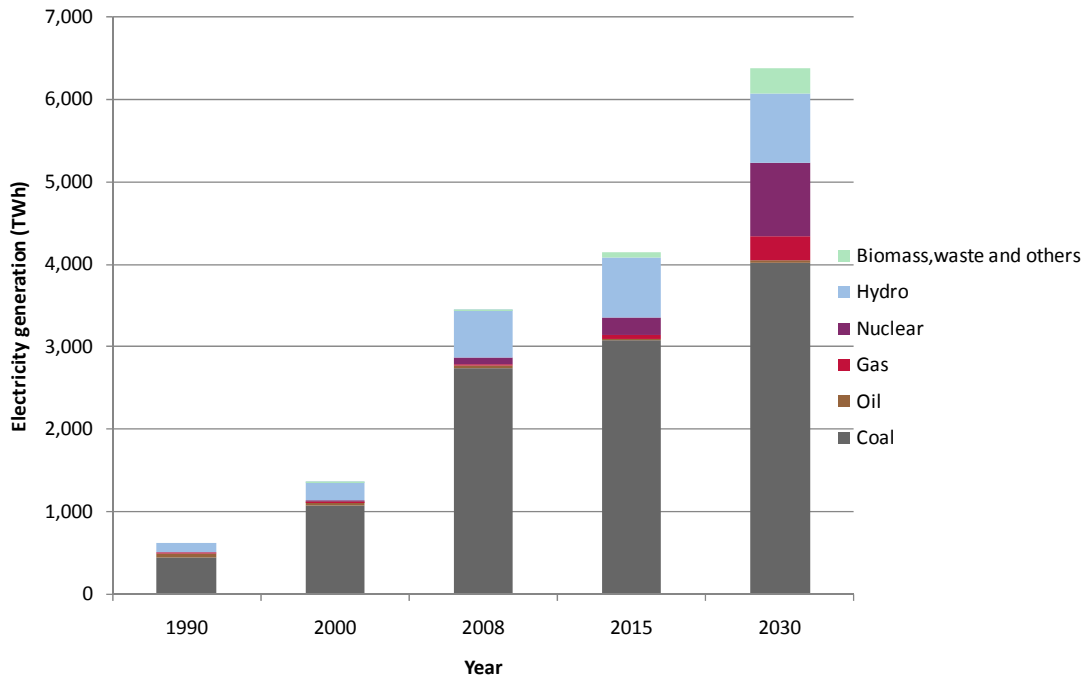
Figure I.5. Final Energy Consumption by Sector, 1990-2030: China



Others: Residential, commercial, public services, agriculture, forestry and fishing

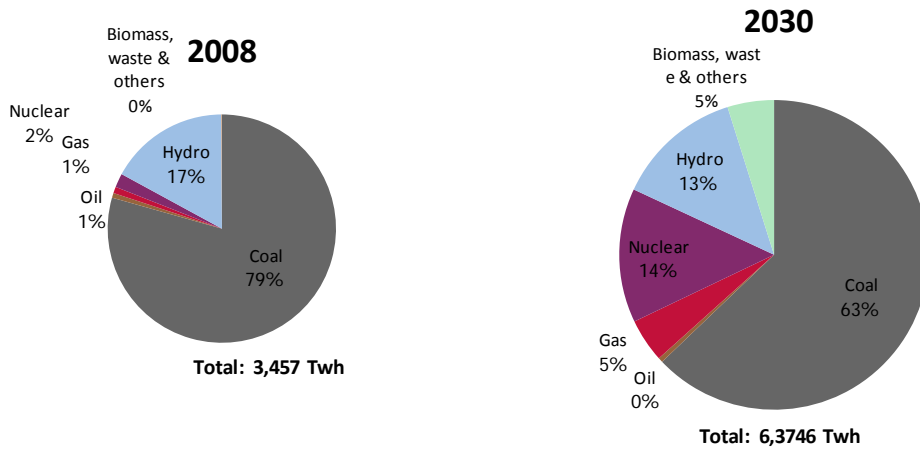
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure I.6. Electricity Generation by Fuel Type, 1990-2030: China



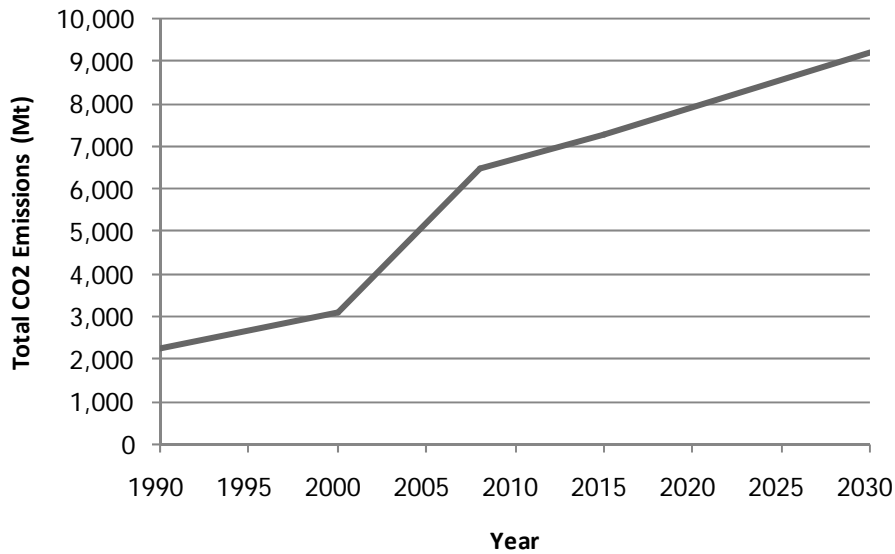
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure I.7. Electricity Generation by Fuel Type, Breakdowns for 2008 and 2030: China



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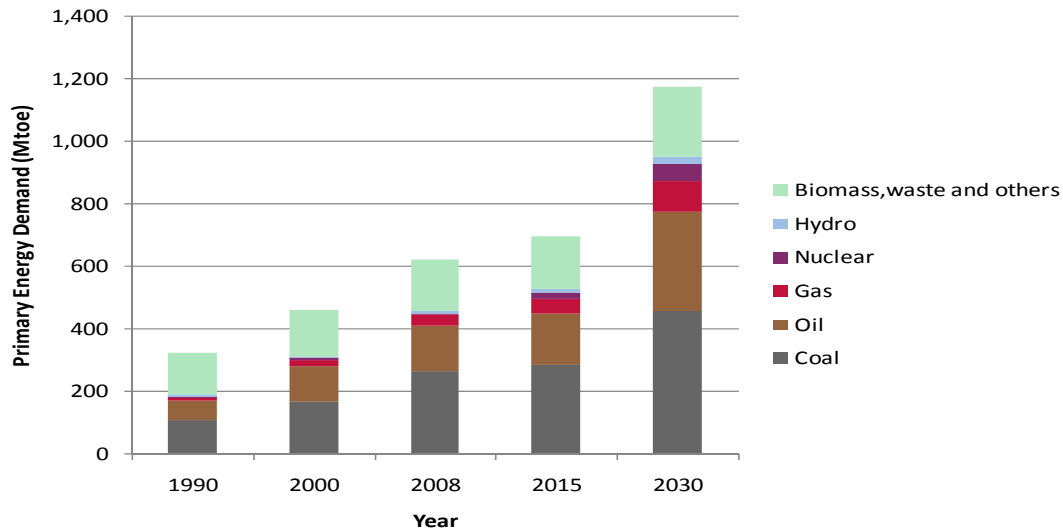
Figure I.8. Total CO₂ Emissions 1990 – 2030 China (mt CO_{2eq})



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

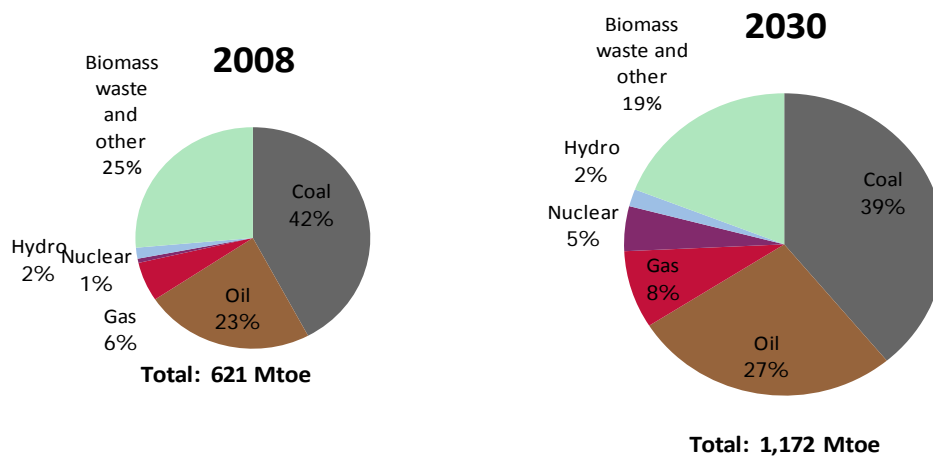
SECTION 2. INDIA

Figure 2.1. Primary Energy Demand by Fuel Type, 1990-2030: India



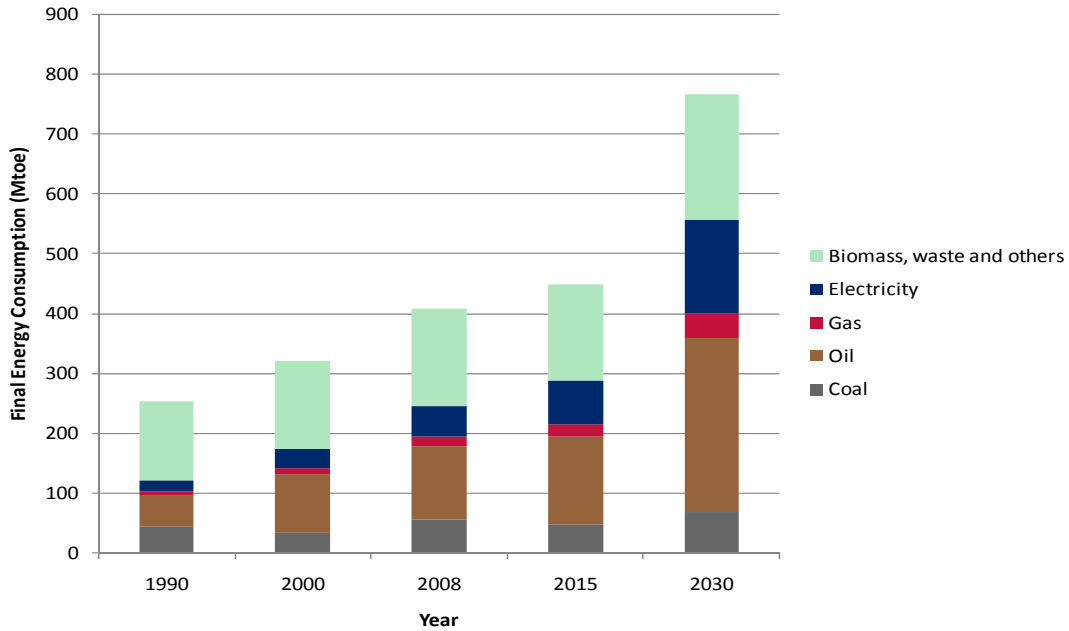
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Figure 2.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: India



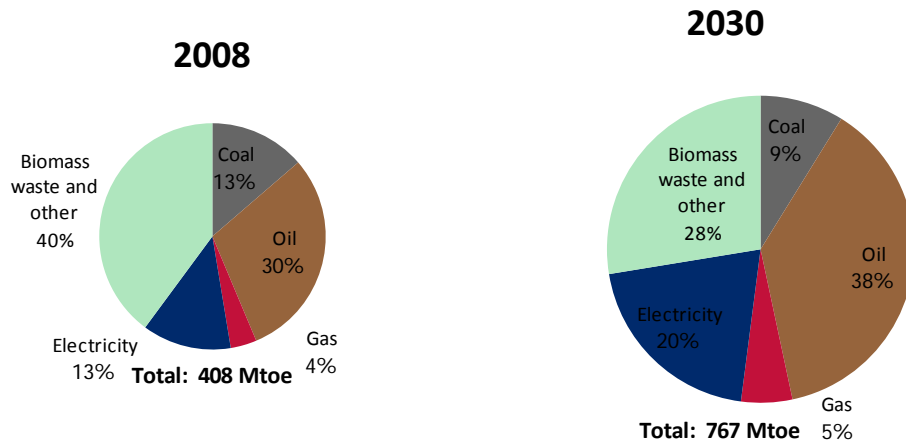
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Figure 2.3. Final Energy Consumption by Fuel Type, 1990-2030: India



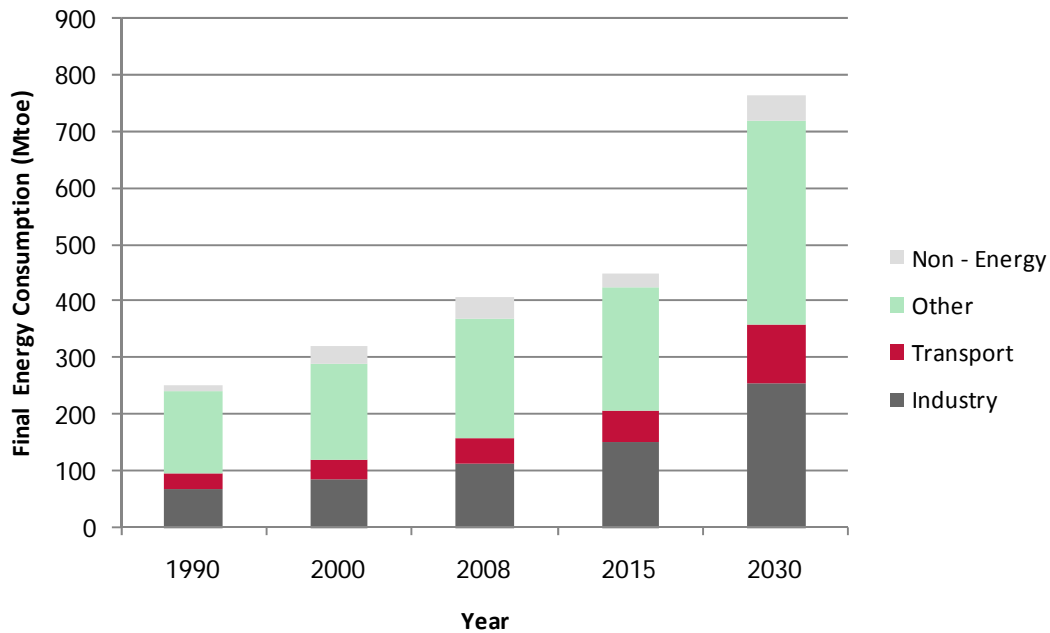
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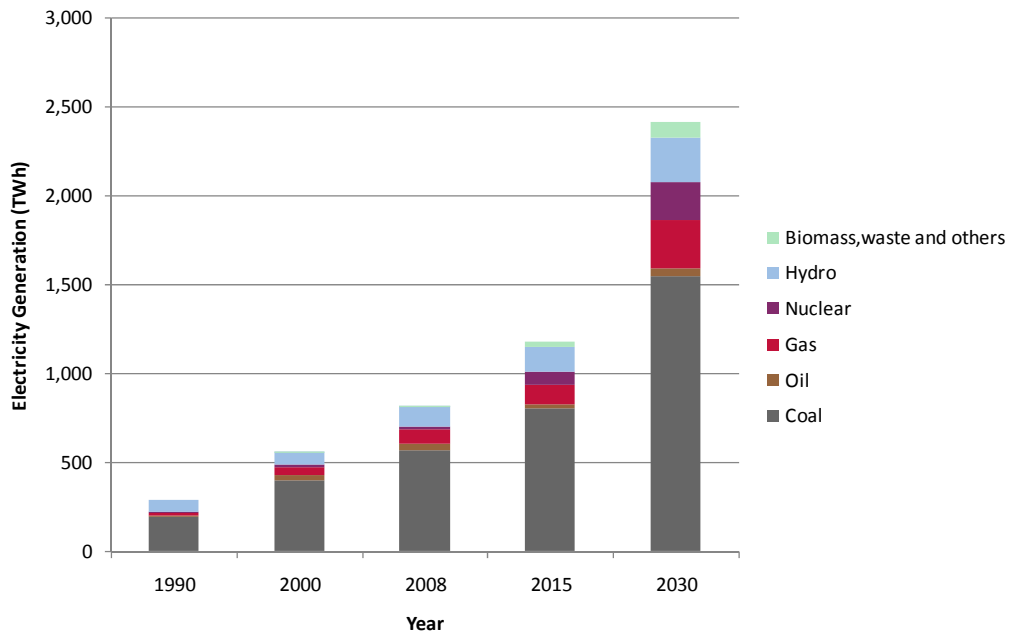
Figure 2.5. Final Energy Consumption by Sector, 1990-2030: India



Others: Residential, commercial, public services, agriculture, forestry and fishing

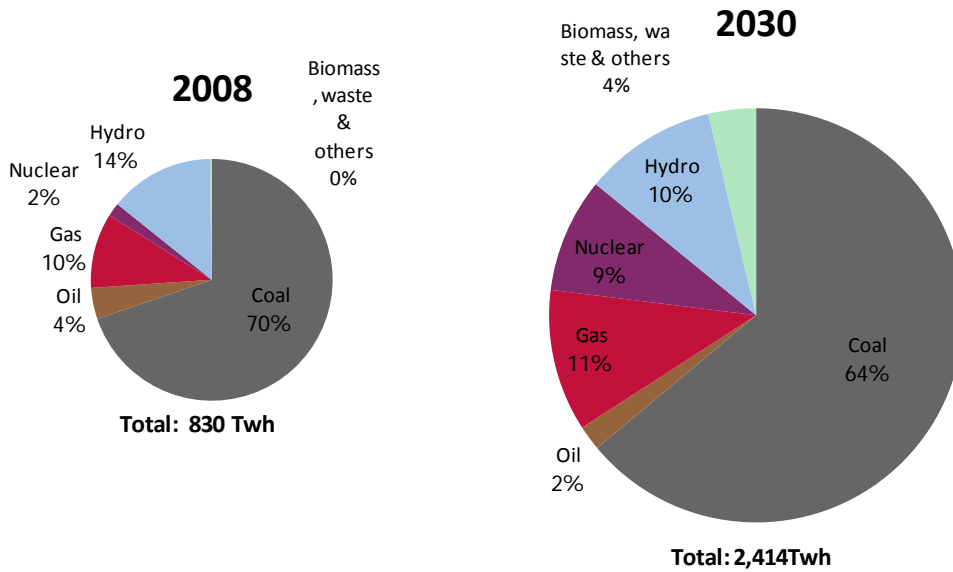
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Figure 2.6. Electricity Generation by Fuel Type, 1990-2030: India



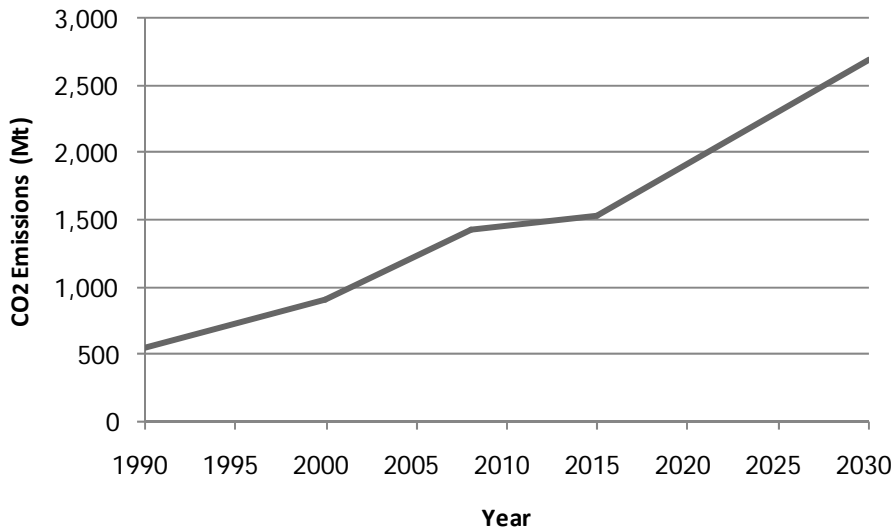
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Figure 2.7. Electricity Generation by Fuel Type, Breakdowns for 2008 and 2030: India



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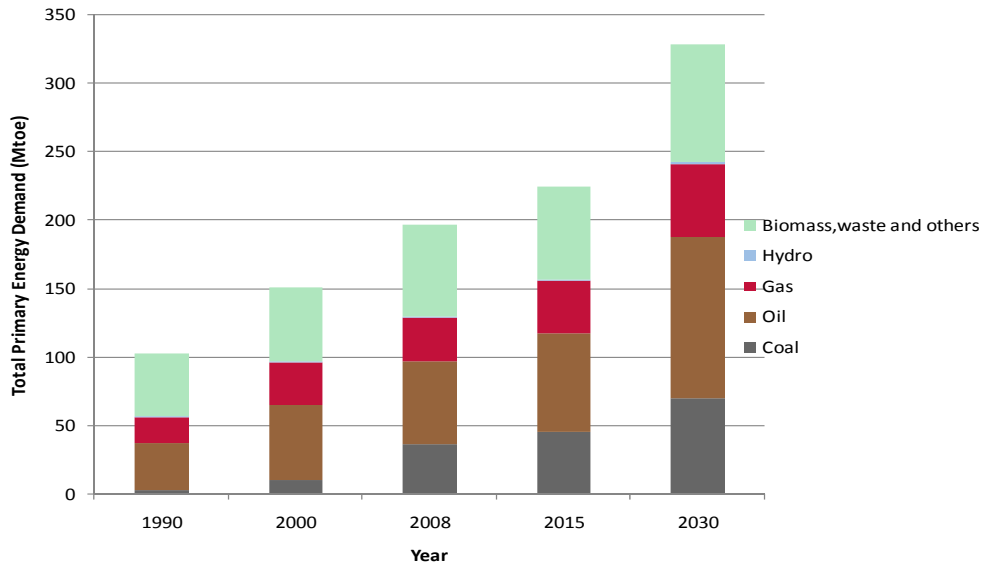
Figure 2.8. Total CO₂ Emissions: India (Mt CO₂eq.)



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

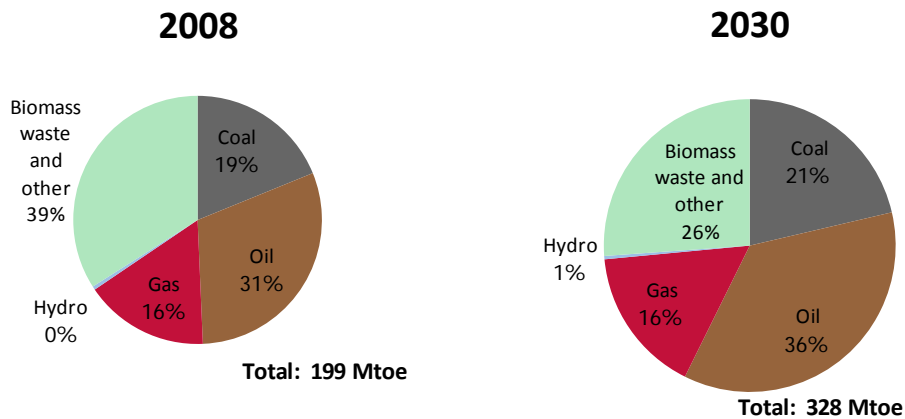
SECTION 3. INDONESIA

Figure 3.1. Primary Energy Demand by Fuel Type, 1990-2030: Indonesia



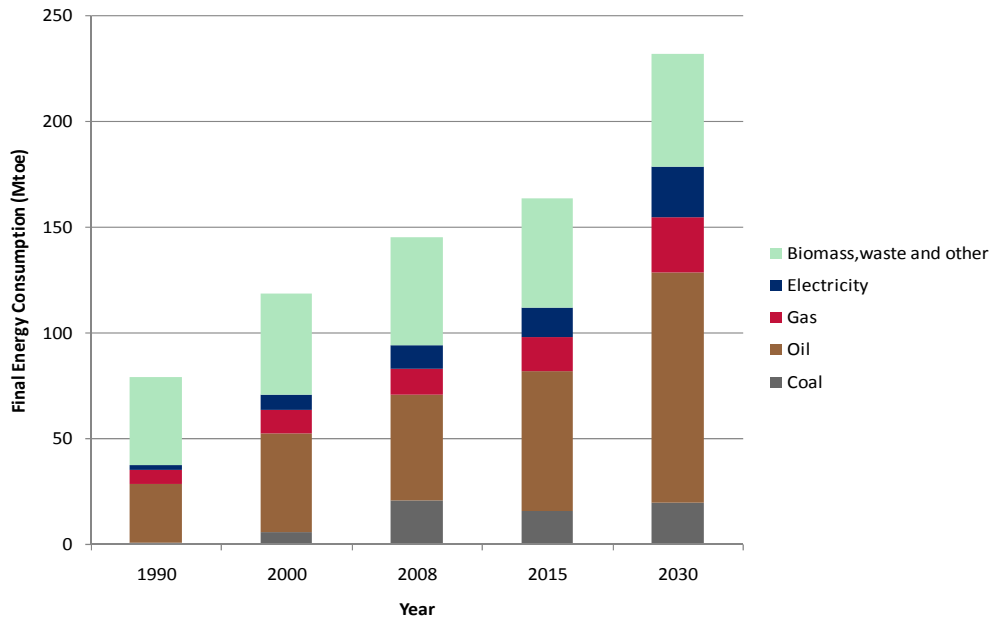
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Figure 3.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: Indonesia



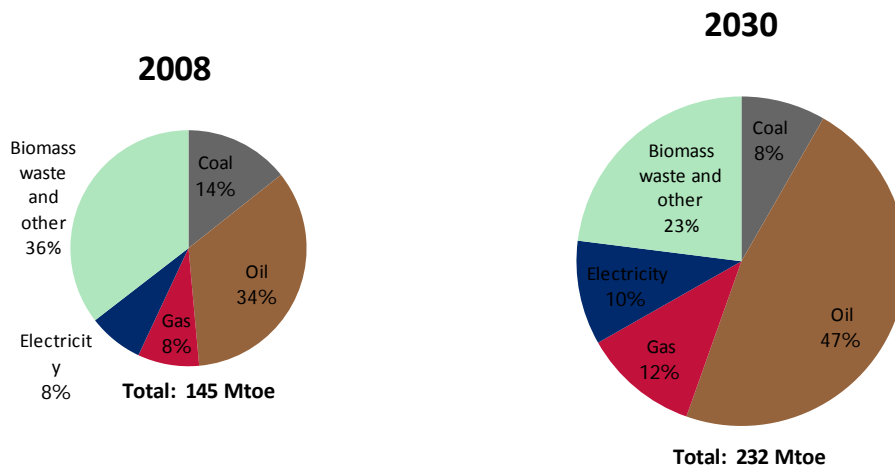
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Figure 3.3. Final Energy Consumption by Fuel Type, 1990-2030: Indonesia



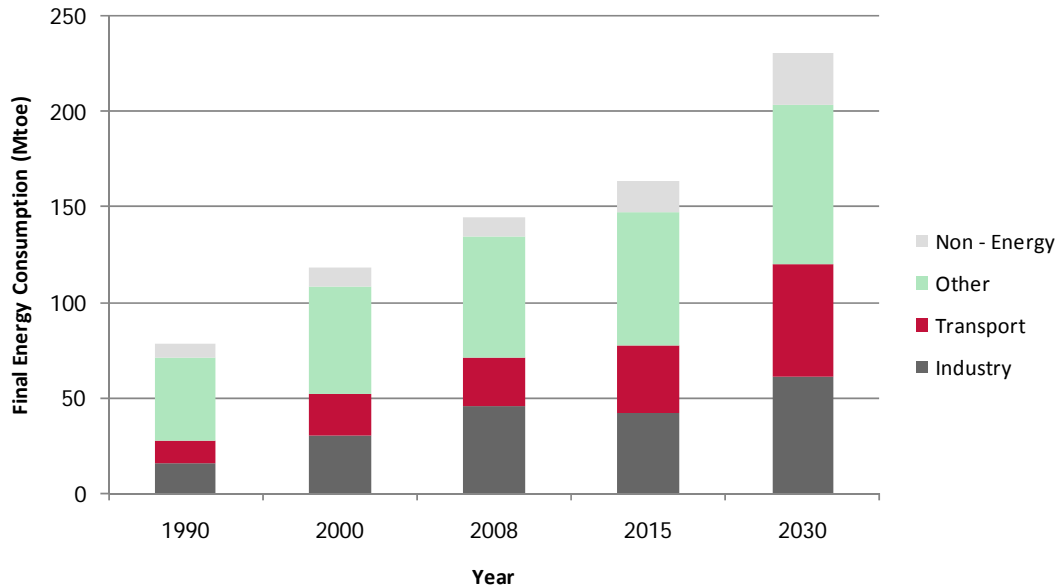
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Figure 3.4. Final Energy Consumption by Fuel Type, Breakdowns for 2008 and 2030: Indonesia



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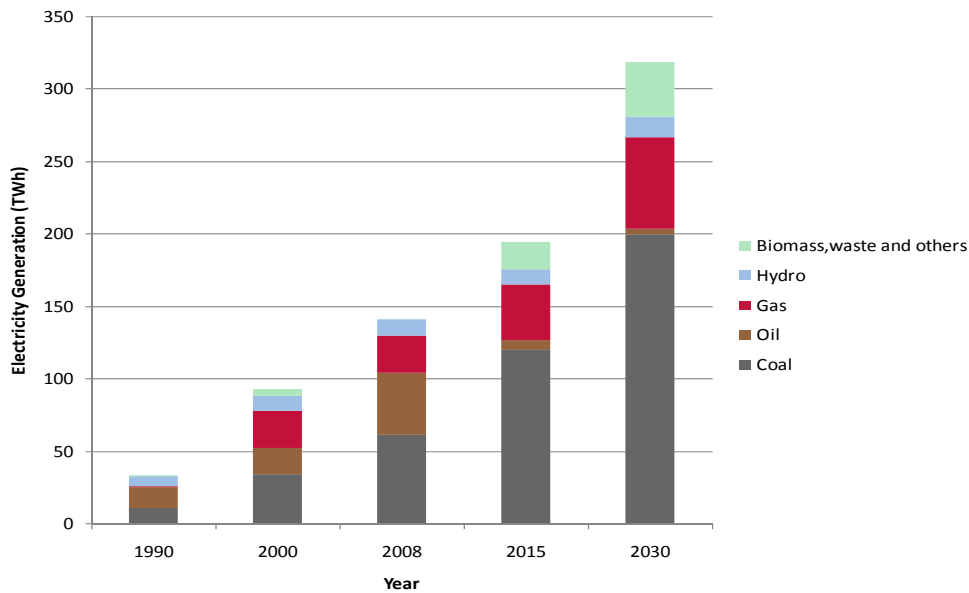
Figure 3.5. Final Energy Consumption by Sector, 1990-2030: Indonesia



Others: Residential, commercial, public services, agriculture, forestry and fishing

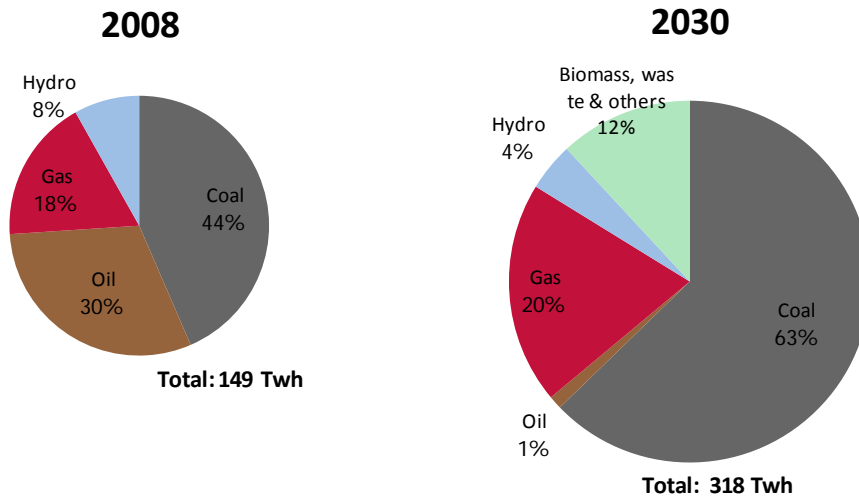
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Figure 3.6. Electricity Generation by Fuel Type, 1990-2030: Indonesia



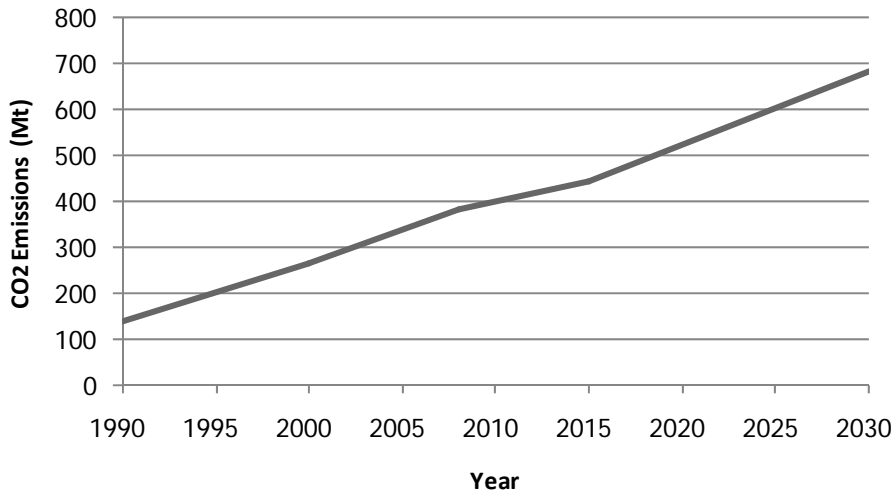
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 3.7. Electricity Generation by Fuel Type, Breakdowns for 2006 and 2030: Indonesia



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

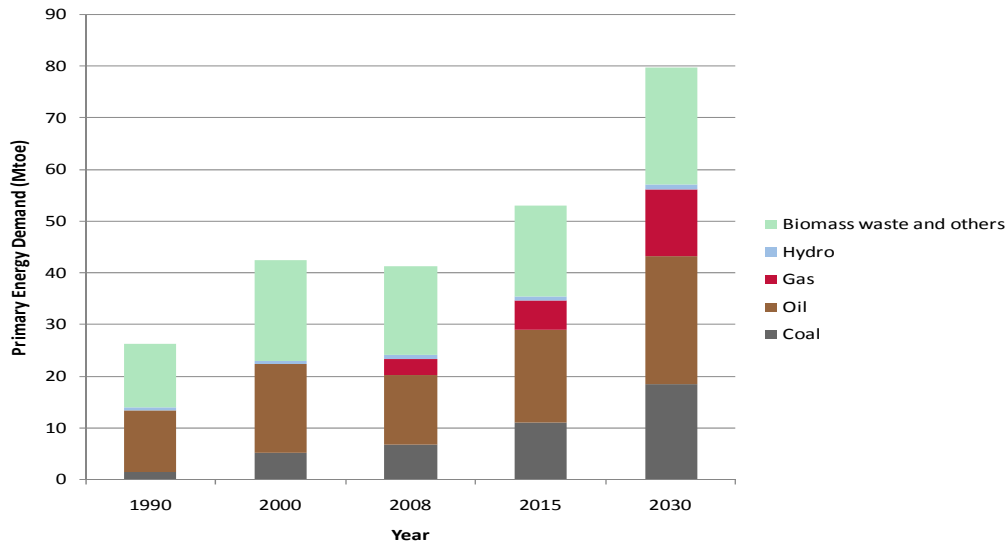
Figure 3.8. Carbon Dioxide by Fuel Type, Breakdowns for 2006 and 2030: Indonesia (Mt CO₂-eq.)



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

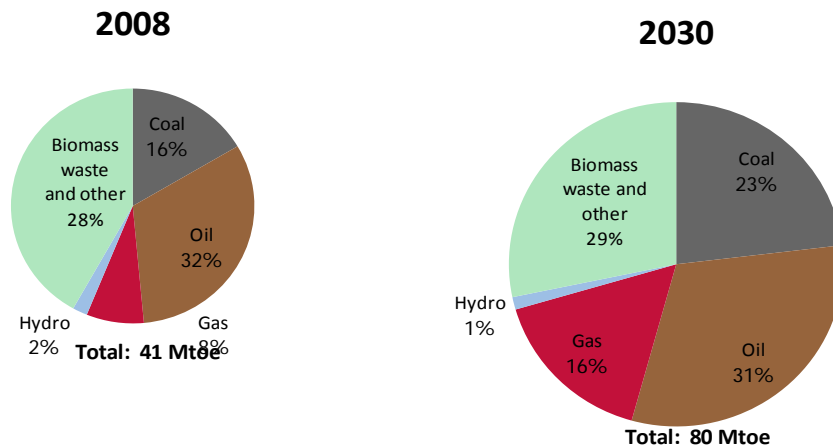
SECTION 4. PHILIPPINES

Figure 4.1. Primary Energy Demand by Fuel Type, 1990-2030: Philippines



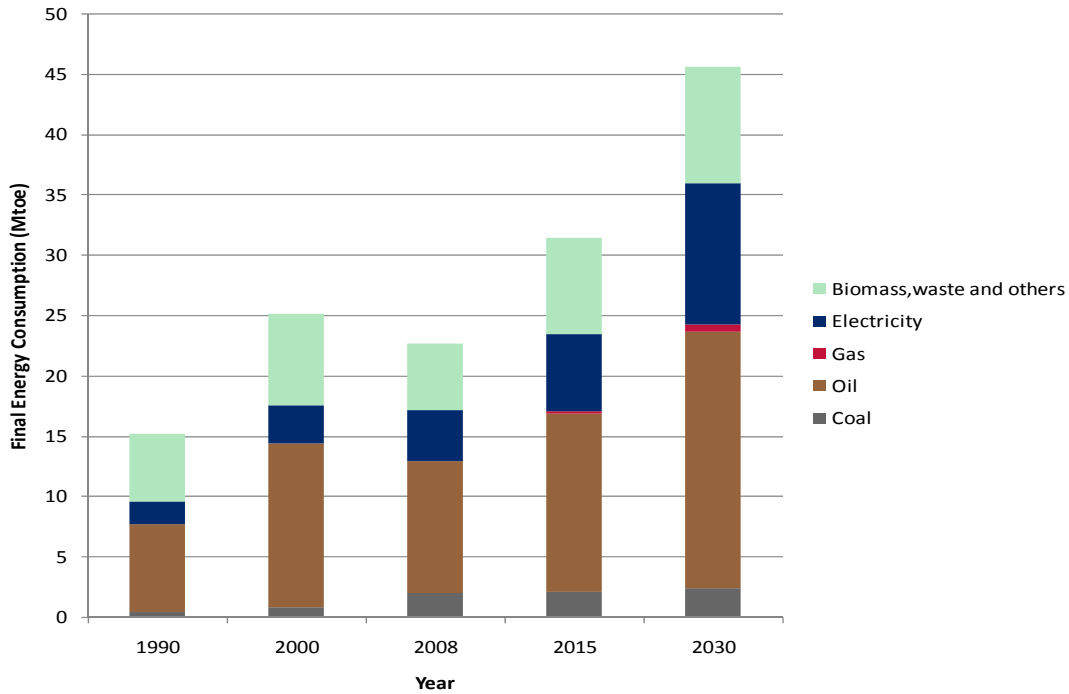
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Figure 4.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: Philippines



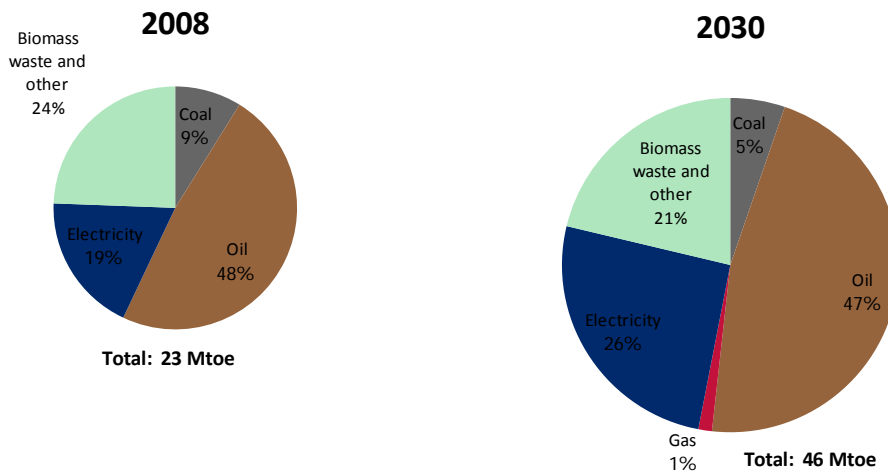
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 4.3. Final Energy Consumption by Fuel Type, 1990-2030: Philippines



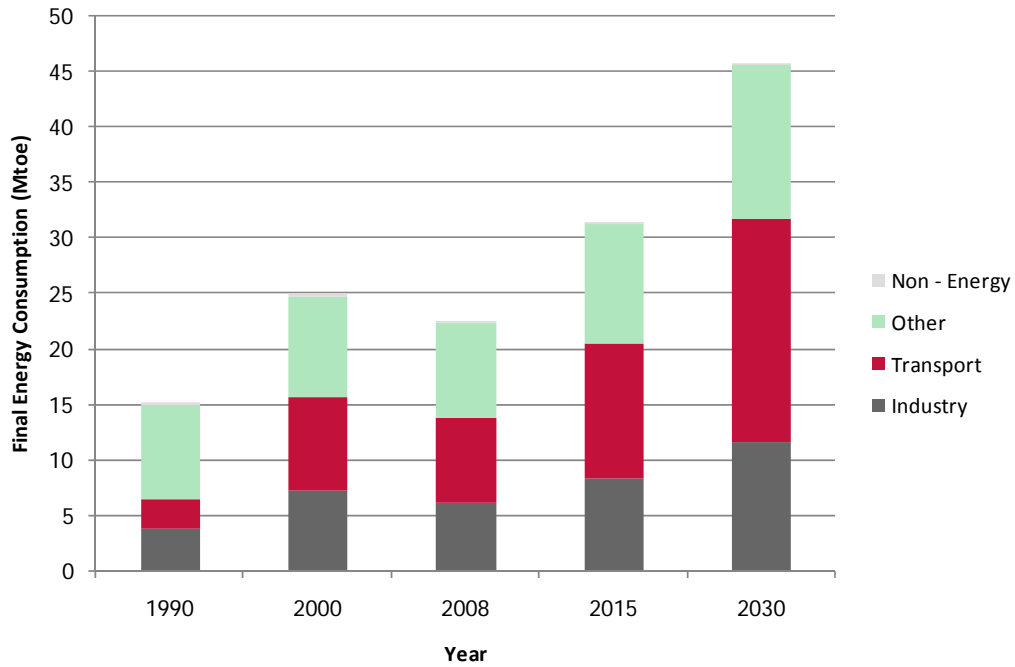
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 4.4. Final Energy Consumption by Fuel Type, Breakdowns for 2008 and 2030: Philippines



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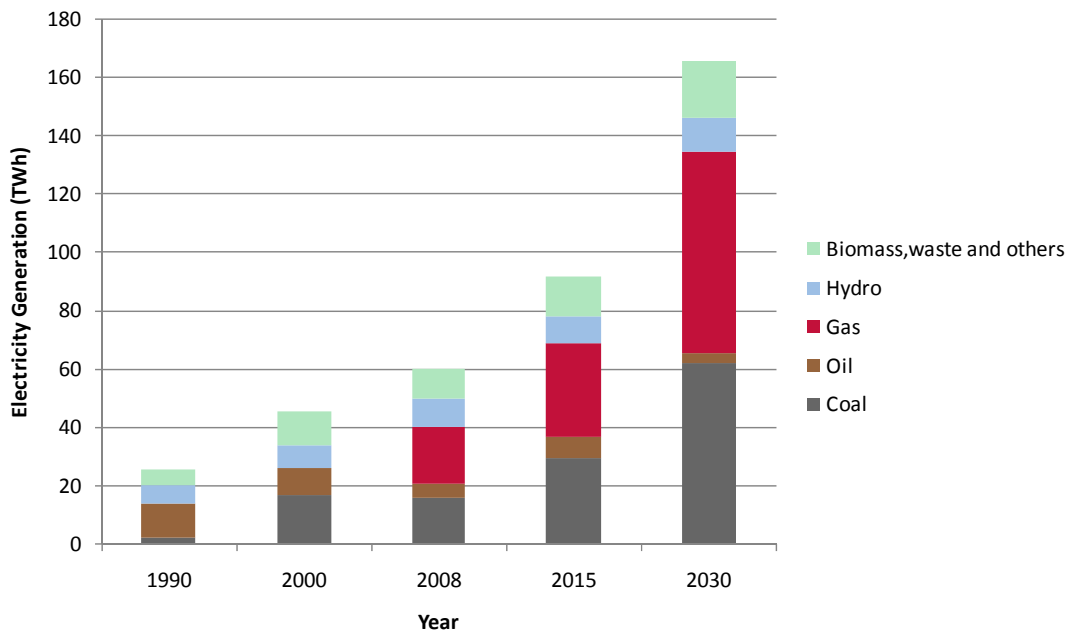
Figure 4.5. Final Energy Consumption by Sector, 1990-2030: Philippines



Others: Residential, commercial, public services, agriculture, forestry and fishing

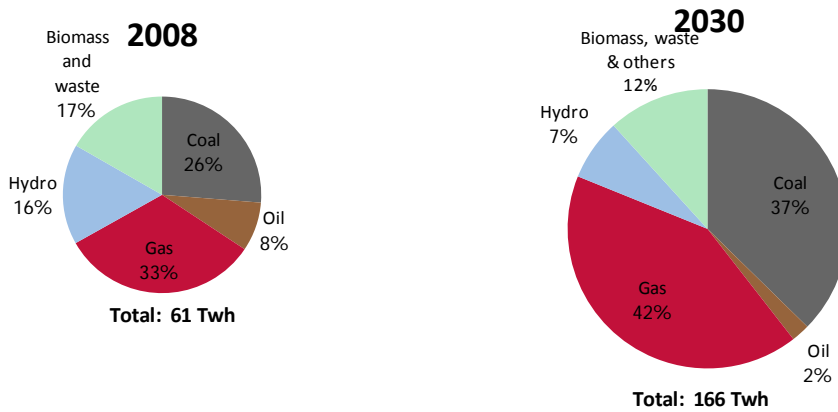
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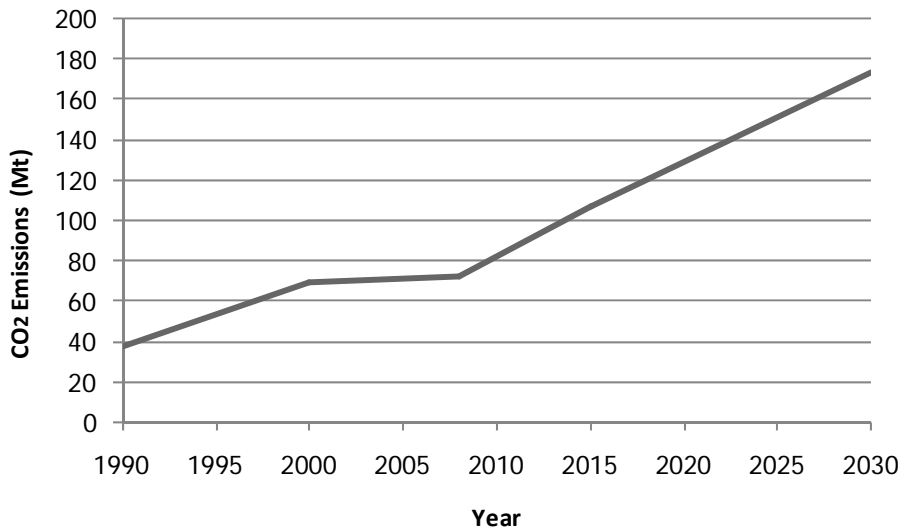
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 4.7. Electricity Generation by Fuel Type, Breakdowns for 2006 and 2030: Philippines



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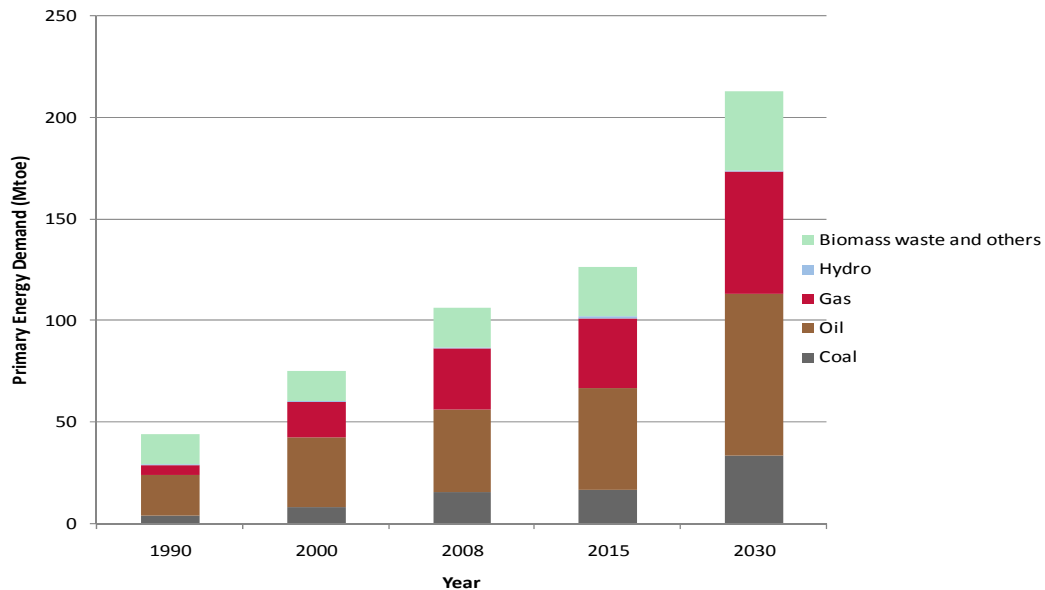
Figure 4.8. Total CO₂ Emissions: Philippines (Mt CO₂eq.)



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

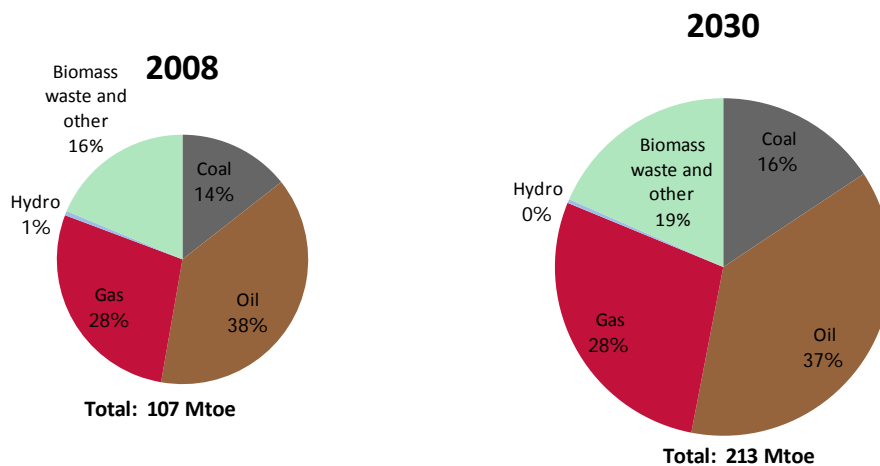
SECTION 5. THAILAND

Figure 5.1. Primary Energy Demand by Fuel Type, 1990-2030: Thailand



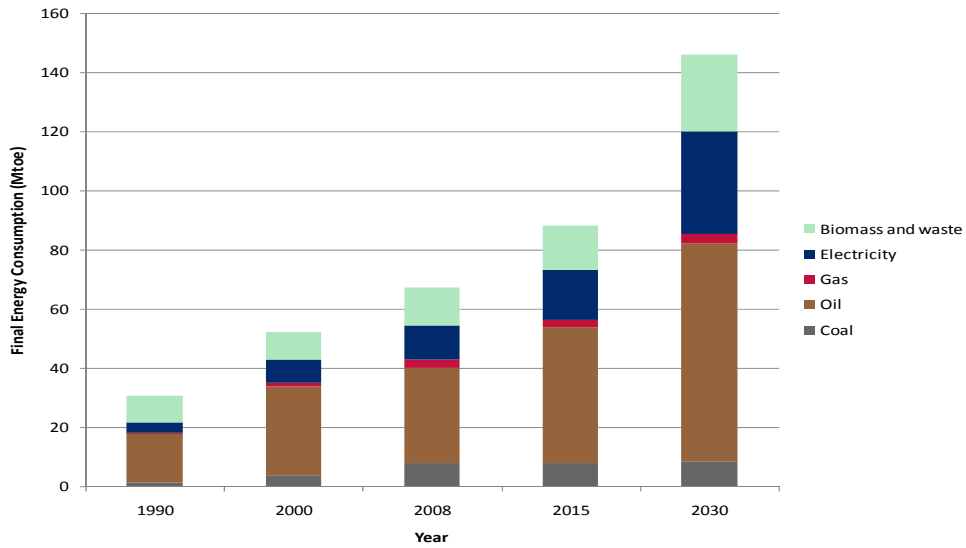
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 5.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: Thailand



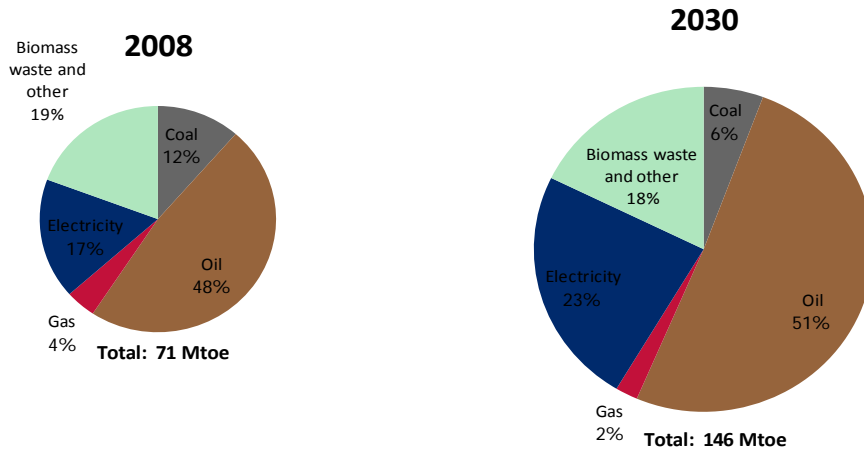
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 5.3. Final Energy Consumption by Fuel Type, 1990-2030: Thailand



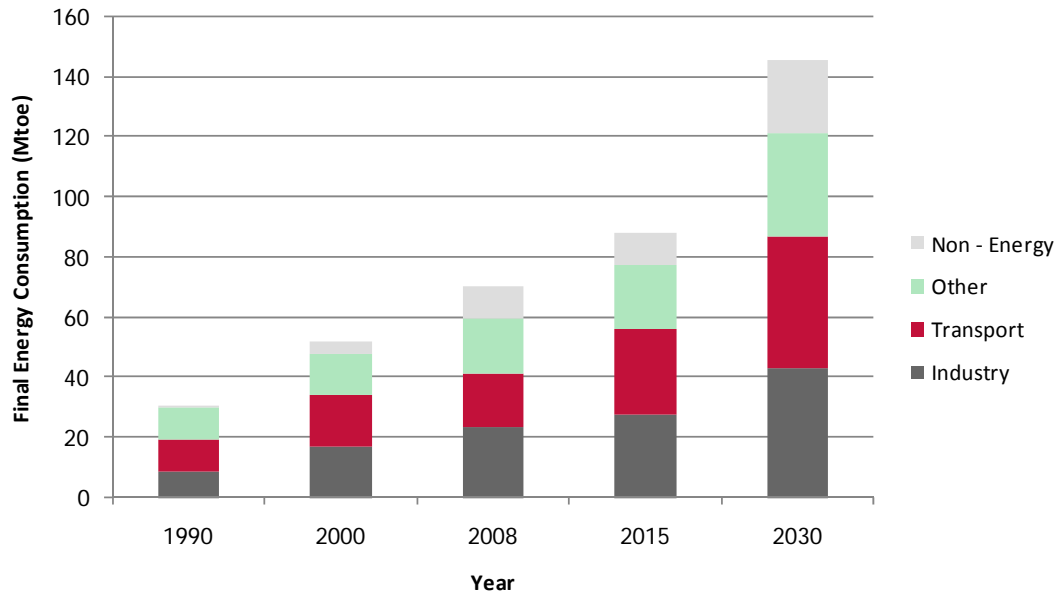
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 5.4. Final Energy Consumption by Fuel Type, Breakdowns for 2008 and 2030: Thailand



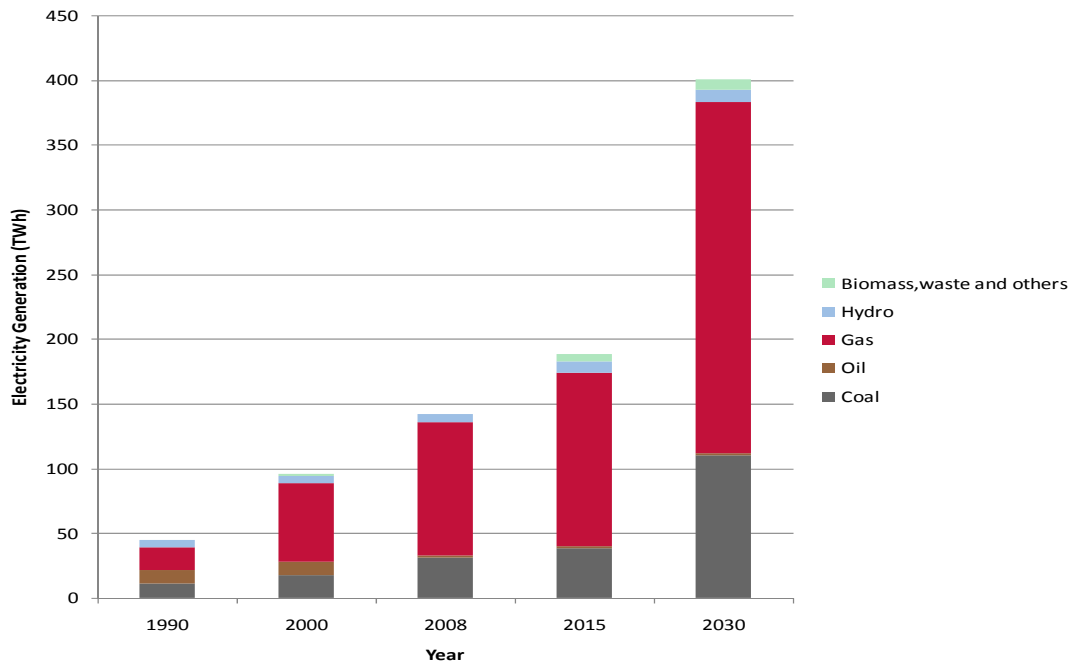
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Figure 5.5. Final Energy Consumption by Sector, 1990-2030: Thailand



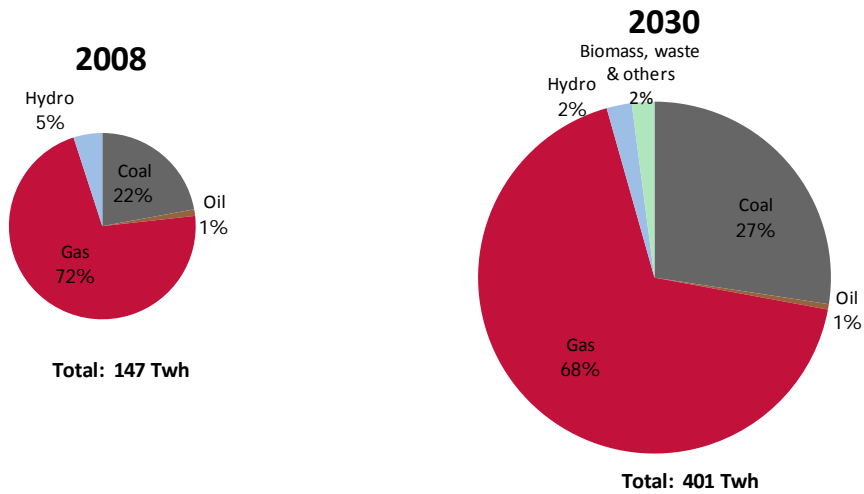
Others: Residential, commercial, public services, agriculture, forestry and fishing
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 5.6. Electricity Generation by Fuel Type, 1990-2030: Thailand



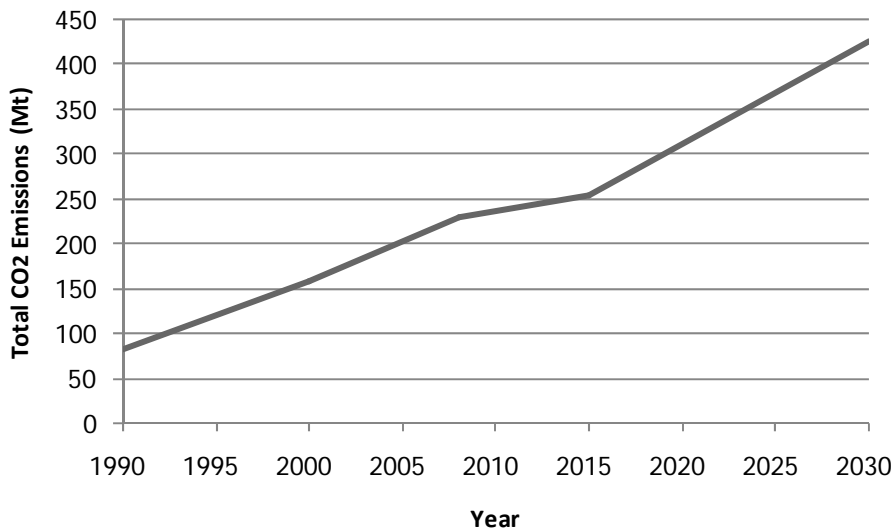
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Figure 5.7. Electricity Generation by Fuel Type, Breakdowns for 2008 and 2030: Thailand



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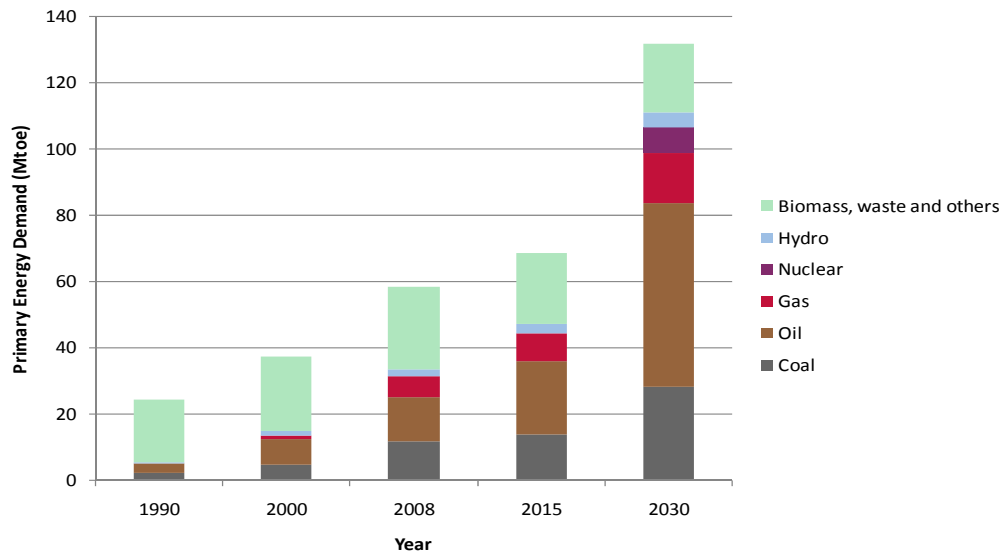
Figure 5.8. Total CO₂ Emissions: Thailand (Mt CO₂eq.)



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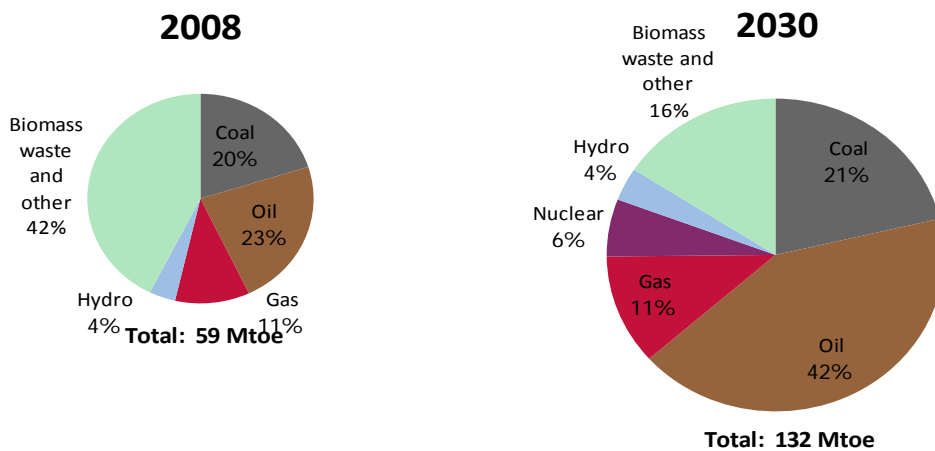
SECTION 6. VIETNAM

Figure 6.1. Primary Energy Demand by Fuel Type, 1990-2030: Vietnam



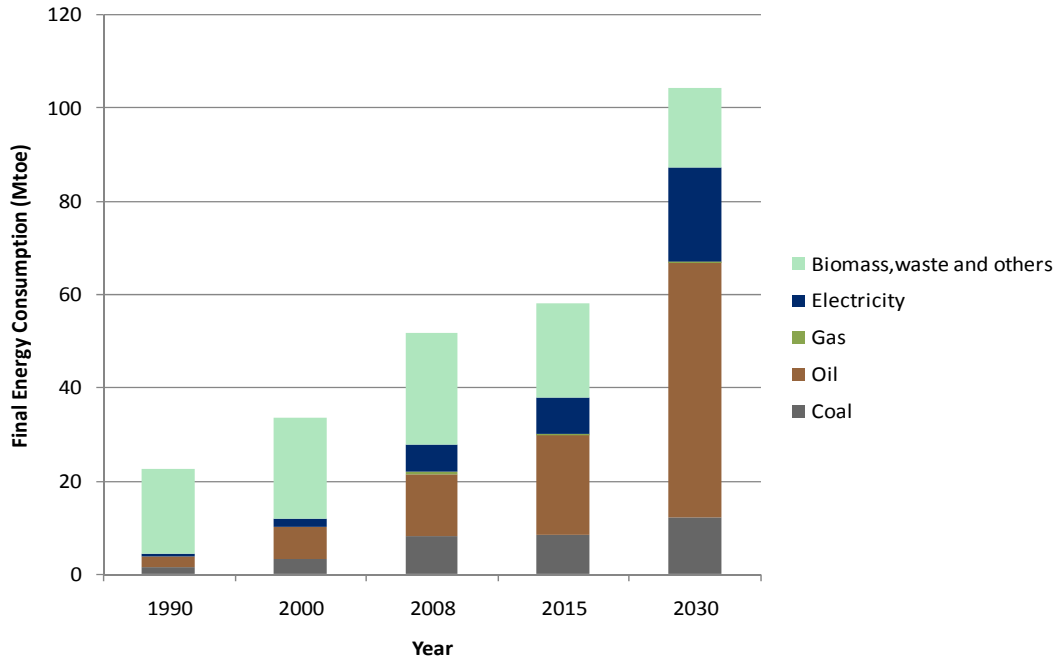
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Figure 6.2. Primary Energy Demand by Fuel Type, Breakdowns for 2008 and 2030: Vietnam



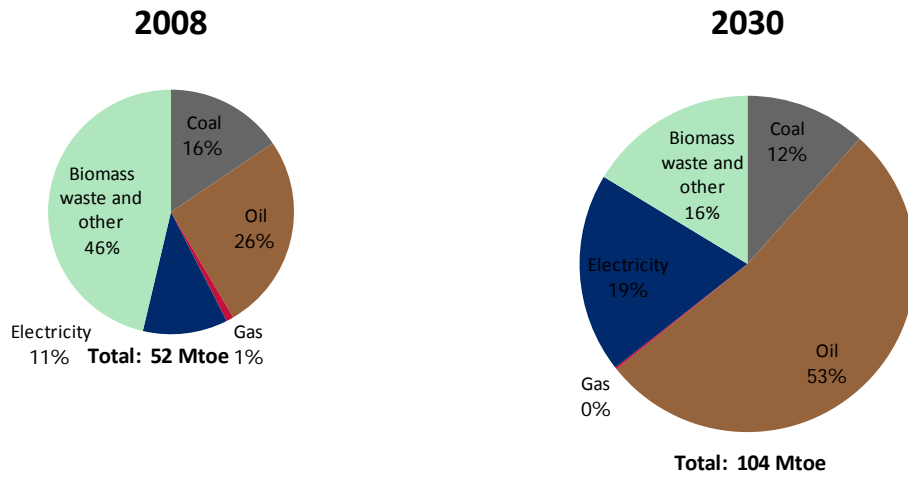
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.3. Final Energy Consumption by Fuel Type, 1990-2030: Vietnam



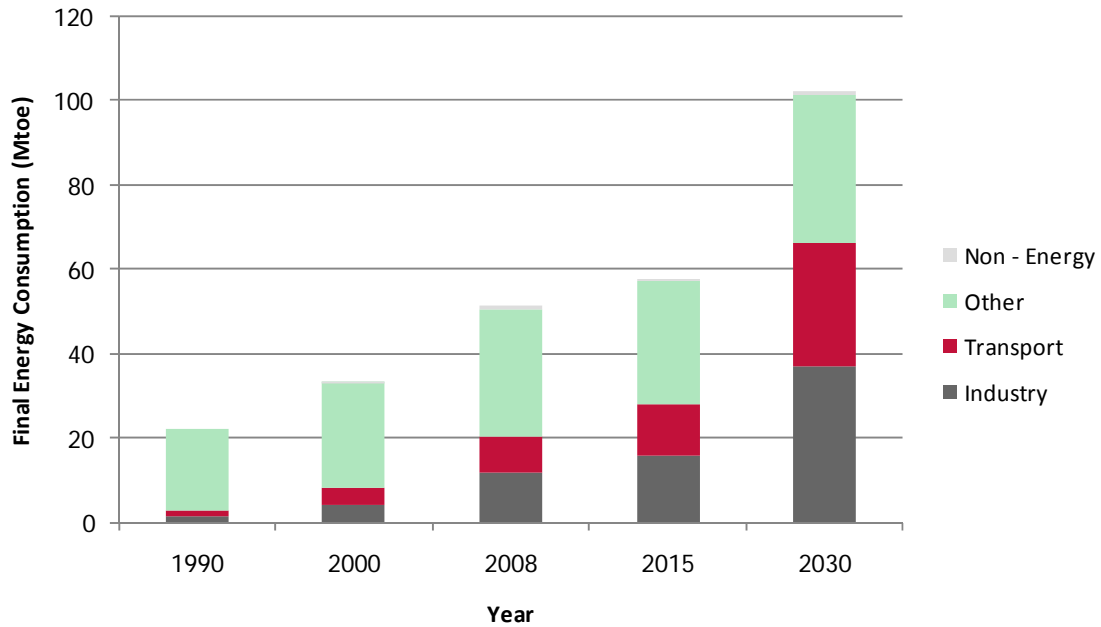
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.4. Final Energy Consumption by Fuel Type, Breakdowns for 2008 and 2030: Vietnam



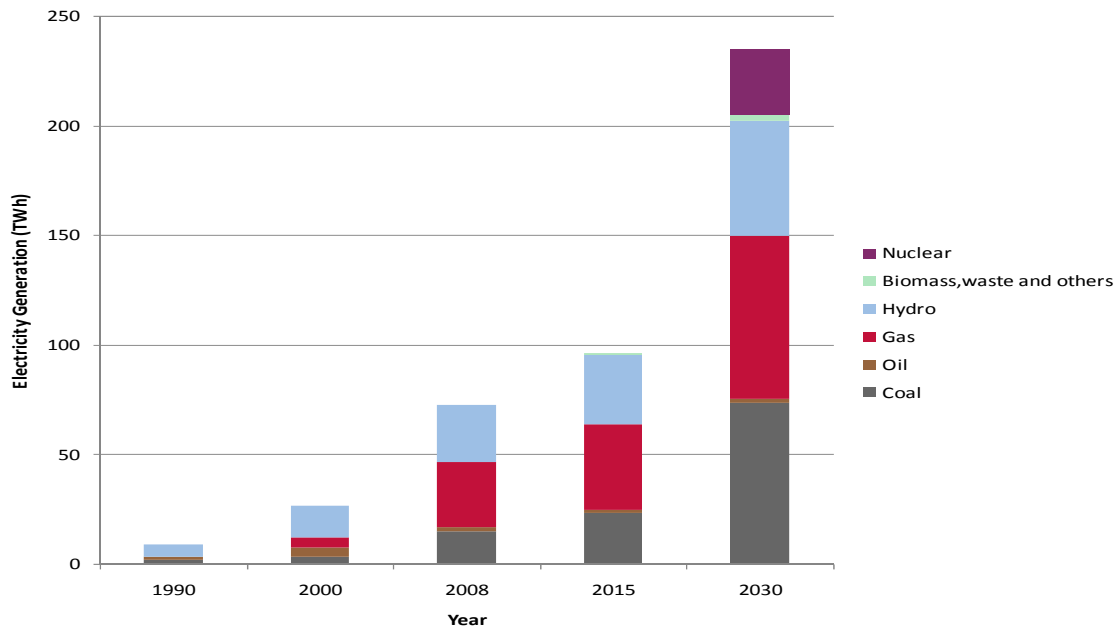
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.5. Final Energy Demand by Sector, 1990-2030: Vietnam



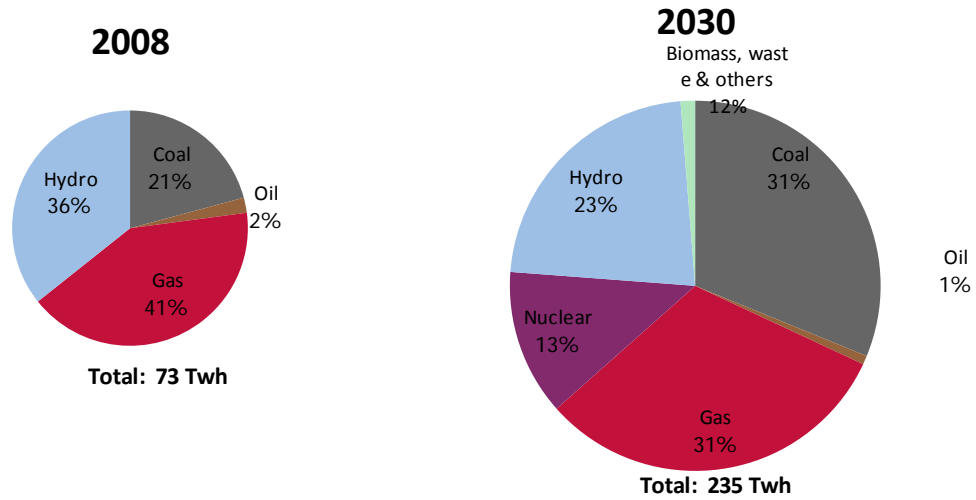
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.6. Electricity Generation by Fuel Type, 1990-2030: Vietnam



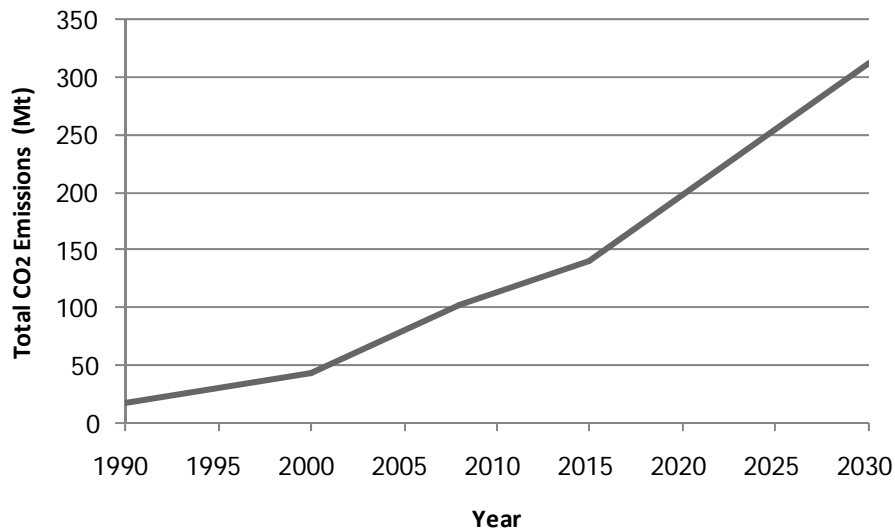
Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.7. Electricity Generation by Fuel Type, Breakdowns for 2008 and 2030: Vietnam



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

Figure 6.8. Total CO₂ Emissions: Vietnam (Mt CO₂eq.)



Source: ADB (2010 B), based on IEA, APERC, World Bank and 2008 values from International Energy Agency website: http://iea.org/country/index_nmc.asp.

