

Some Low Carbon Programs and Data Availability in Thailand for Low Carbon Society 2050 Project

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Some Low Carbon Policies and Issues in Thailand

- Bio-fuel program in transport sector.
- Renewable energy portfolio system in power generation.
- Promotion of hybrid vehicles.
- Development of a mass transit system.
- Demand side management program in the power sector.
- Promotion of solar home systems.

Data Availability for dwelling dynamic model in Thailand

	Available	Partly available	Not found so far
Number of households	X		
Number of dwellings		X	
Number of new-built dwellings		X	
Total floor space of new-built dwellings (m ²)		X	
Average floor space per dwelling (m ² /unit)		X	
Private housing investment (2000US\$, LC)	X		
Real disposable income (2000US\$, LC)	X		
Long term interest rate (%)	X		
Index of urban land prices	X		
Life time distribution of dwellings			X
Coefficient of heat loss (W/m ² .°C)			X

Data Availability for transportation model in Thailand

	Available	Partly available	Not found so far
National or regional transport census and statistics	X		
Person trip survey data		X	
Person trip survey data for long distance trip			X
Modal speed (km/h)		X	
Occupancy rate (person-km / vehicle-km)		X	
Demographic data (persons)	X		
Unit of freight generation (tonne/ \$)	X		
Amount of waste transportation (tonne/year)		X	
Modal split (%)			X
Average distance traveled (tonne-km/ tonne)		X	
Average loaded weight (tonne-km/ vehicle-km)		X	
Economic Data (\$/year)	X		

Some Remarks

- It is very difficult to find disaggregated data related to residential and transport sectors in Thailand.
- There have been studies for Bangkok but not for other parts of the country.
- Most of the data is available in Thai and needs translation.

Thank you
