Electric

Power

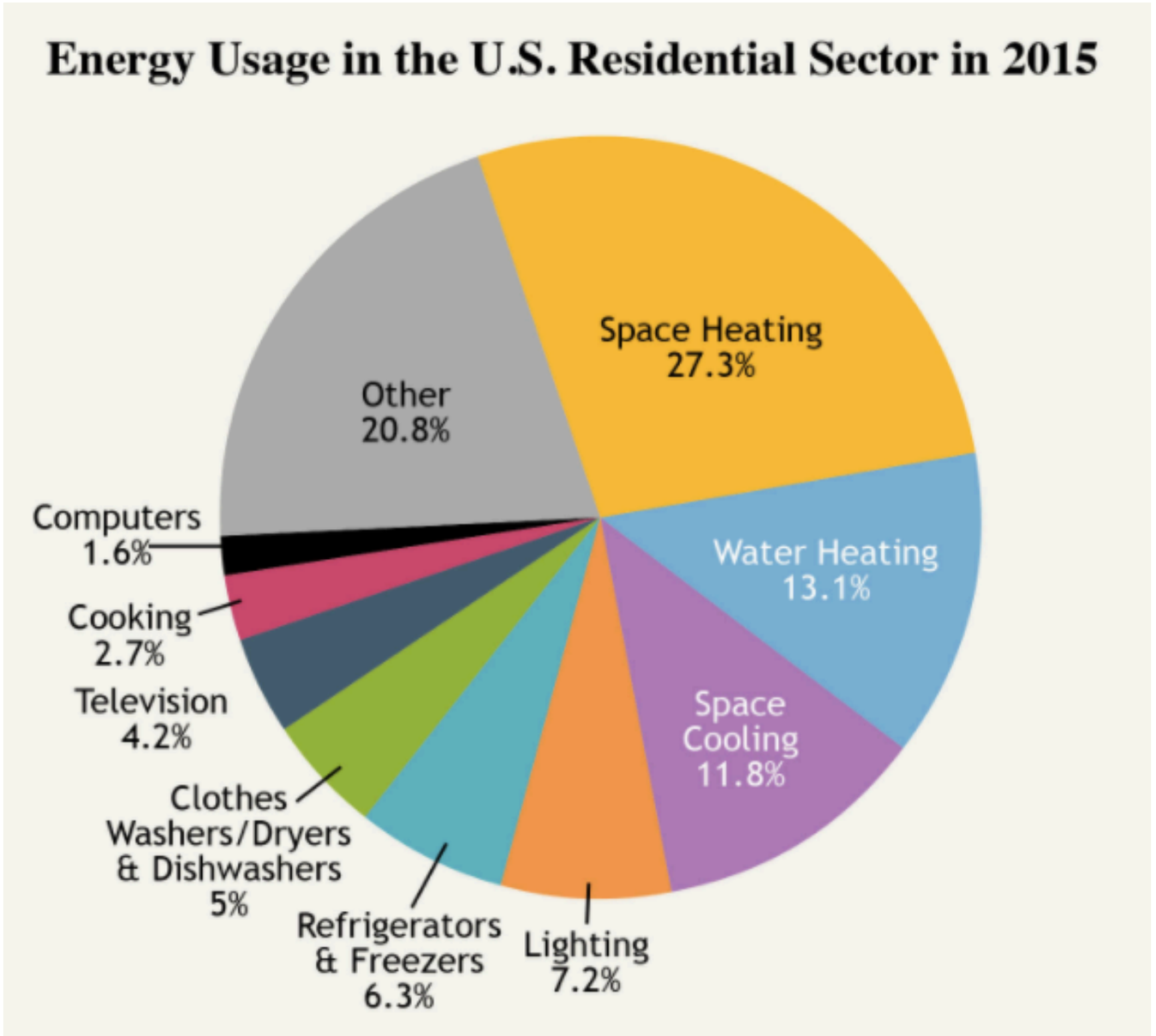
Why Focus on Electricity?

USA, 2015:

28% TRANSPORTATION
(moving people and cargo)

32% INDUSTRY

40% RESIDENTIAL
(homes & commercial buildings)



Source: ***NeedToKnow***

National Averages

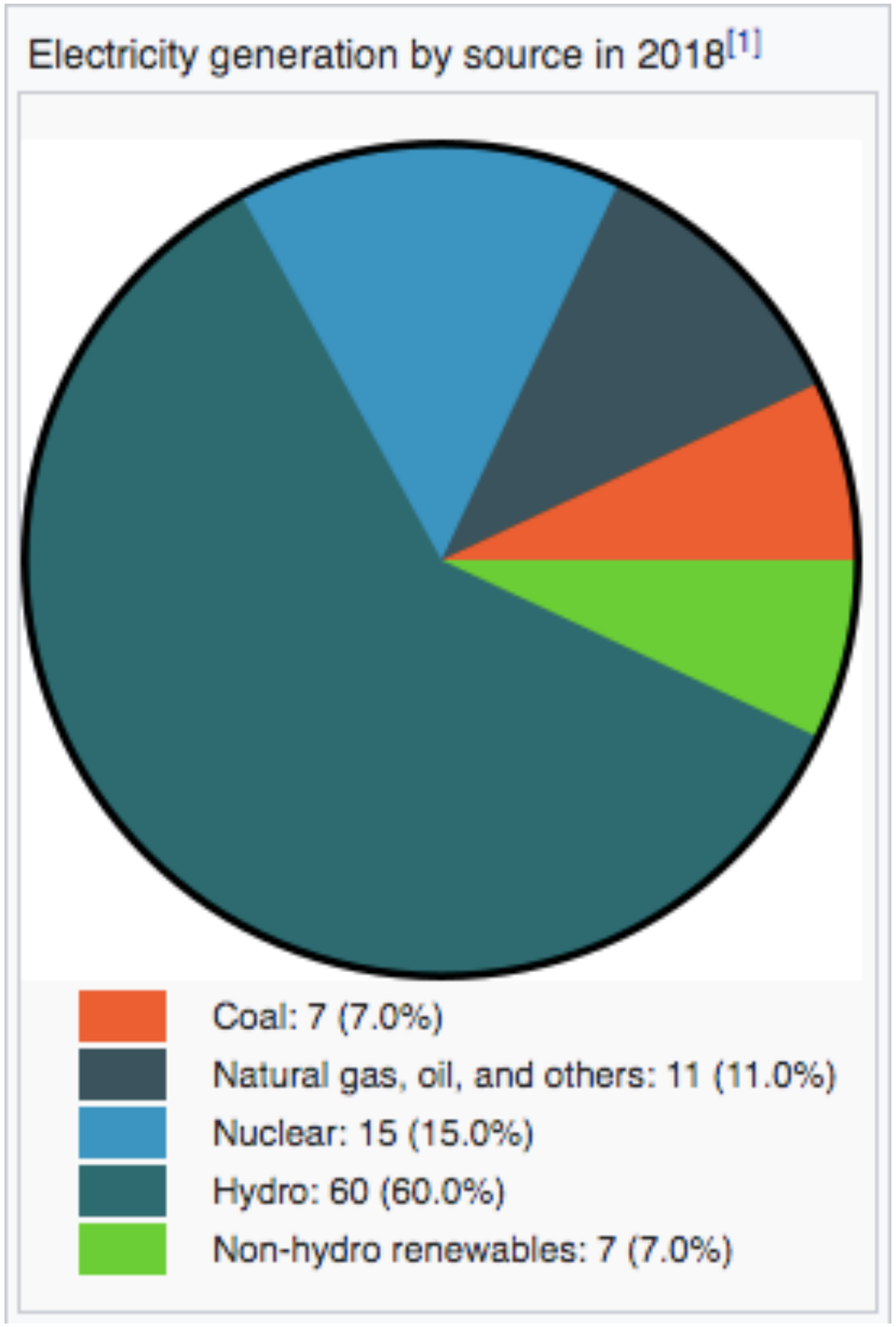
(Watts per person)

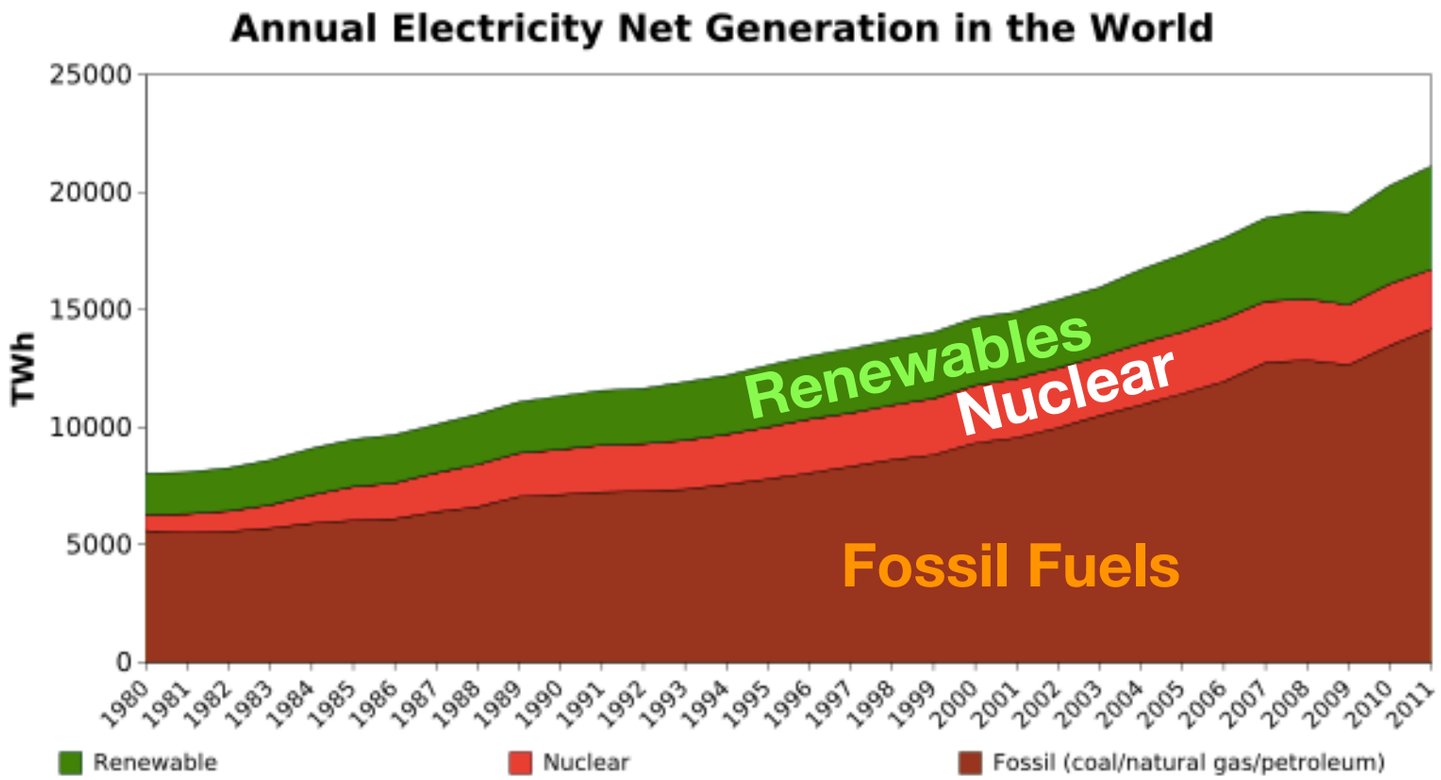
Country	Avg Watts/person	Country	Avg Watts/person
Iceland	5777	China	309
Liechtenstein	4092	India	140
Norway	2740	Bangladesh	40
Kuwait	2176	Nigeria	14
Bahrain	2069	Ethiopia	7
UAE	1848	Rwanda	4
Canada	1704	Somalia	3
Finand	1681	Gaza Strip	0.01
USA	1377	**WORLD**	**309**

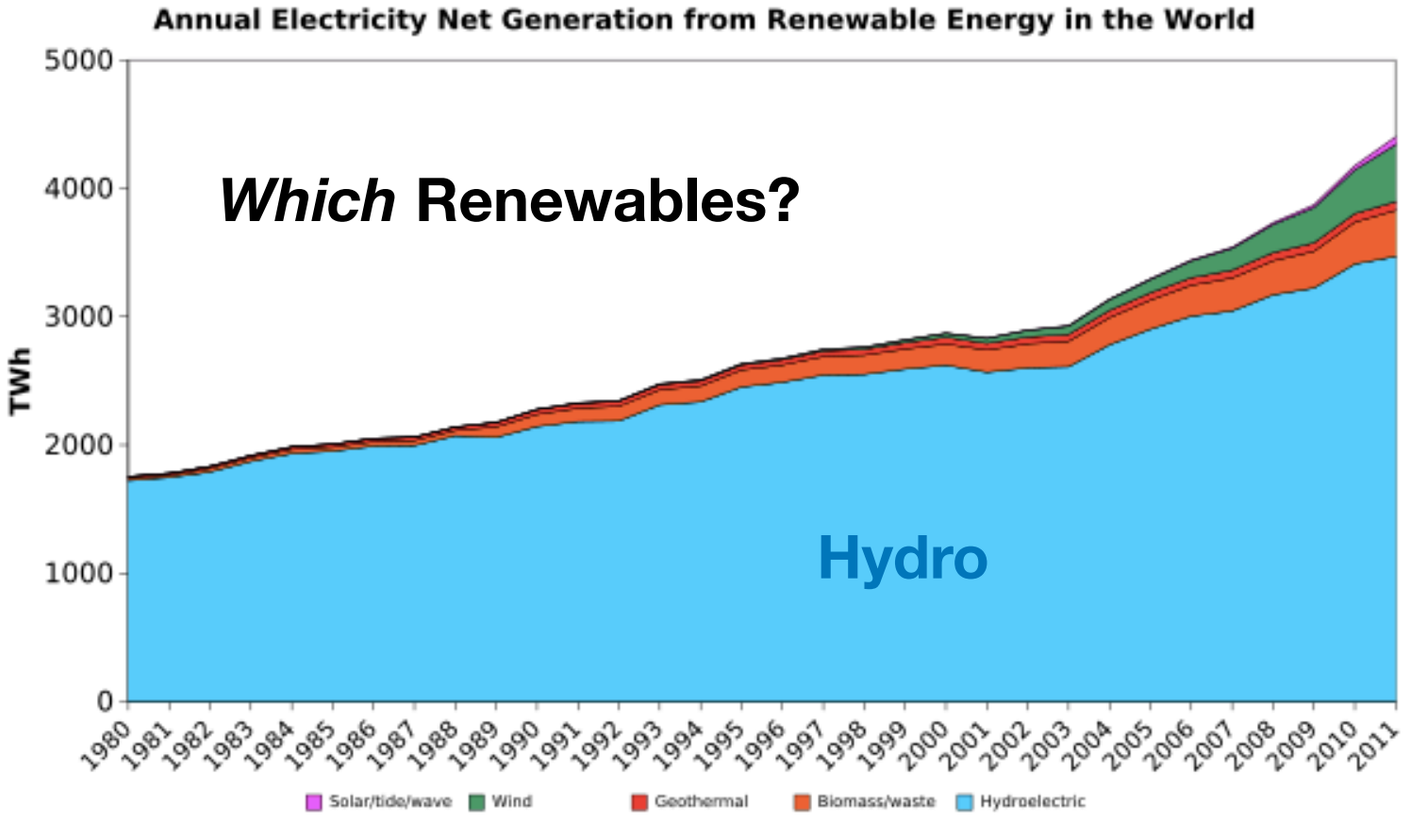
Source: Wikipedia

⇒ **2.3×10^{12}** Watts for 7.4 billion people

Canada *vs.* World







False Polychotomies:

Should we focus our efforts on…

- Ending Use of Fossil Fuels,
- Developing More/Better Renewable Power,
- Developing More/Better Nuclear Power,
- Improving the Efficiency of Appliances, ***or***
- Learning to “Get By With Less” ***?***

As usual, the answer is “*YES*!”

Wikipedia Sources

- Electricity Generation
- Electric Power Usage
- Canadian Electrical Power by Source