



GOBIERNO DE LA
REPÚBLICA DE HONDURAS

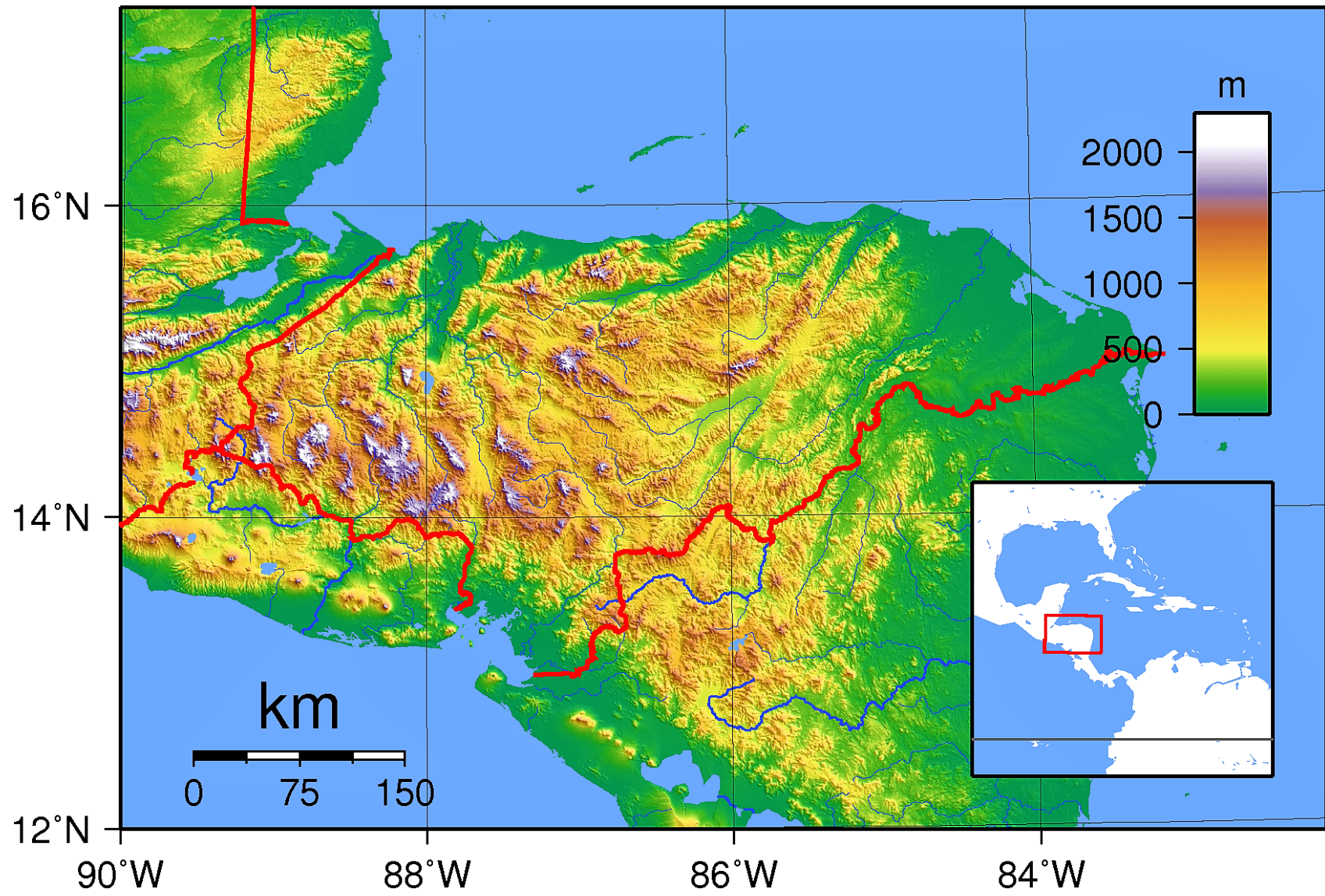


SECRETARÍA DE ESTADO
EN EL DESPACHO DE ENERGÍA

Honduras's Report

Tannia Vindel

Energy specialist of the Energy Policy Direction



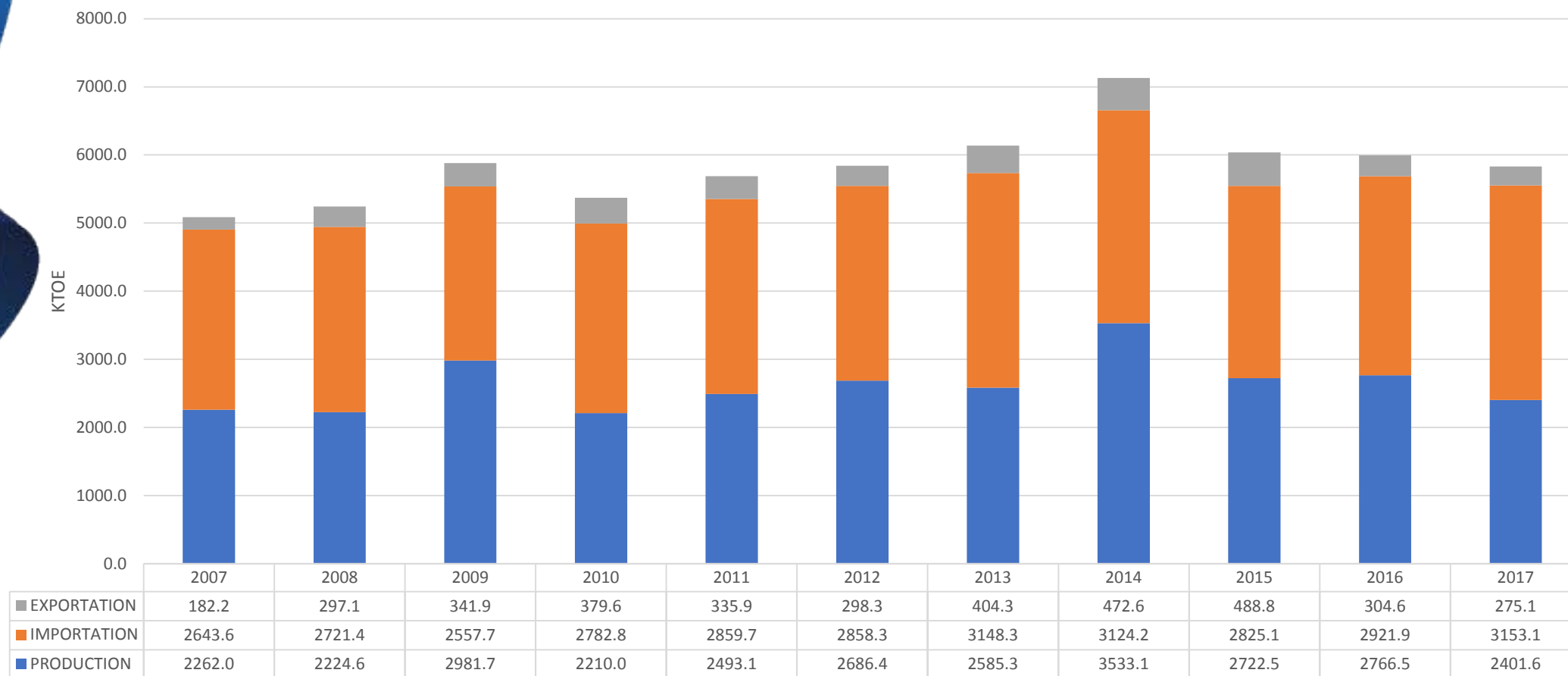
General information

- Area: 112,492 Km²
- Population: 9,265,067 (54.4% Urban and 45.6% rural)
- Main economic activities: Industry, Agriculture and livestock and services

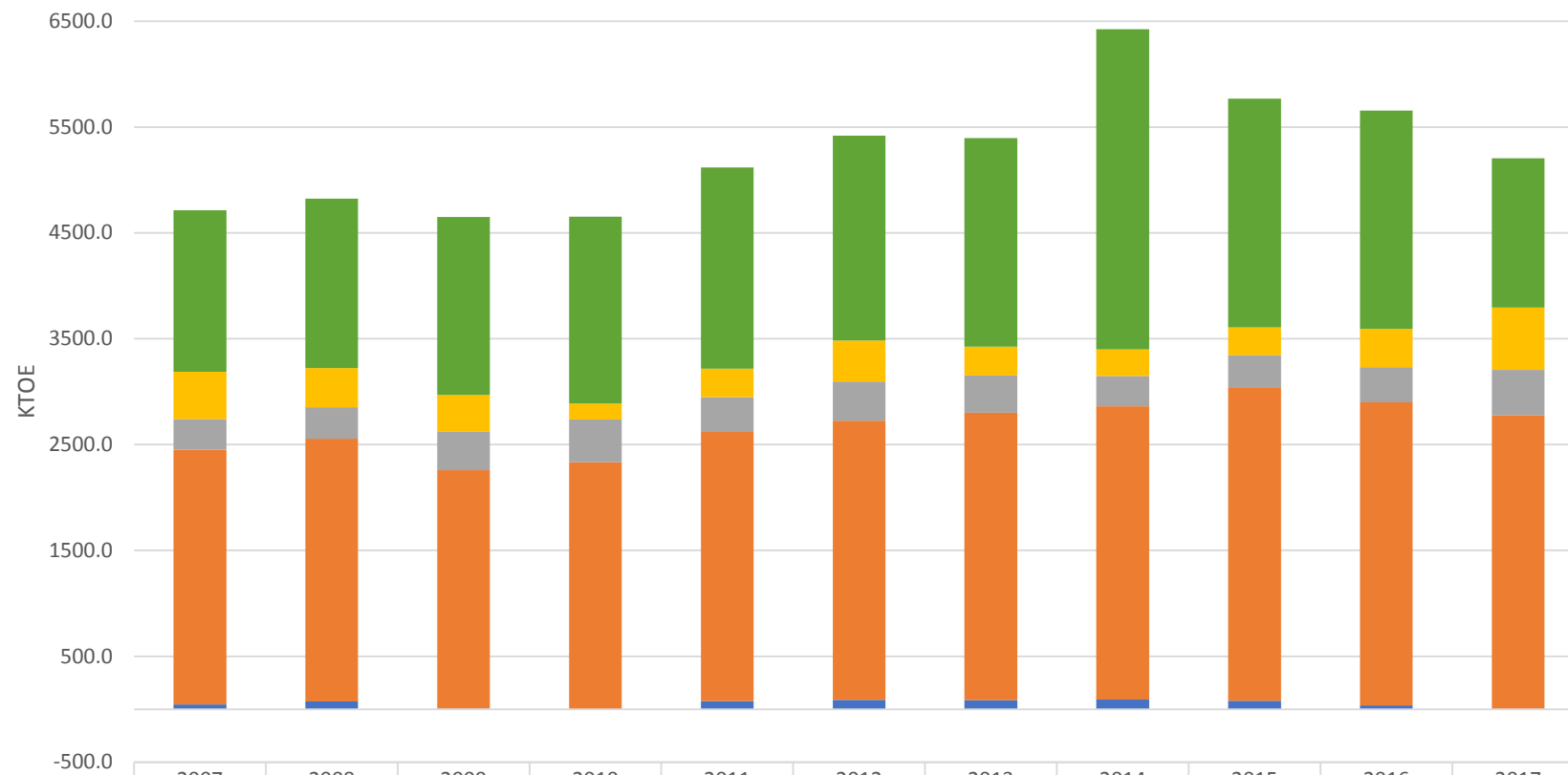
Economic indicators

General Information	2012	2013	2014	2015	2016	2017
Population (Thousand)	8,506	8,658	8,809	8,961	9,113	9,265
Households	1,822,142	1,898,966	1,940,233	1,948,419	1,992,974	2,060,165
GDP (millions of US\$)	18513.7	18498.3	19745.4	20971.4	21697.7	23123.1
GDP per cápita (US\$)	2208	2227.6	2341.7	2445.2	2488	2608
GINI Coefficient	0.57	0.54	0.52	0.51	0.52	0.52

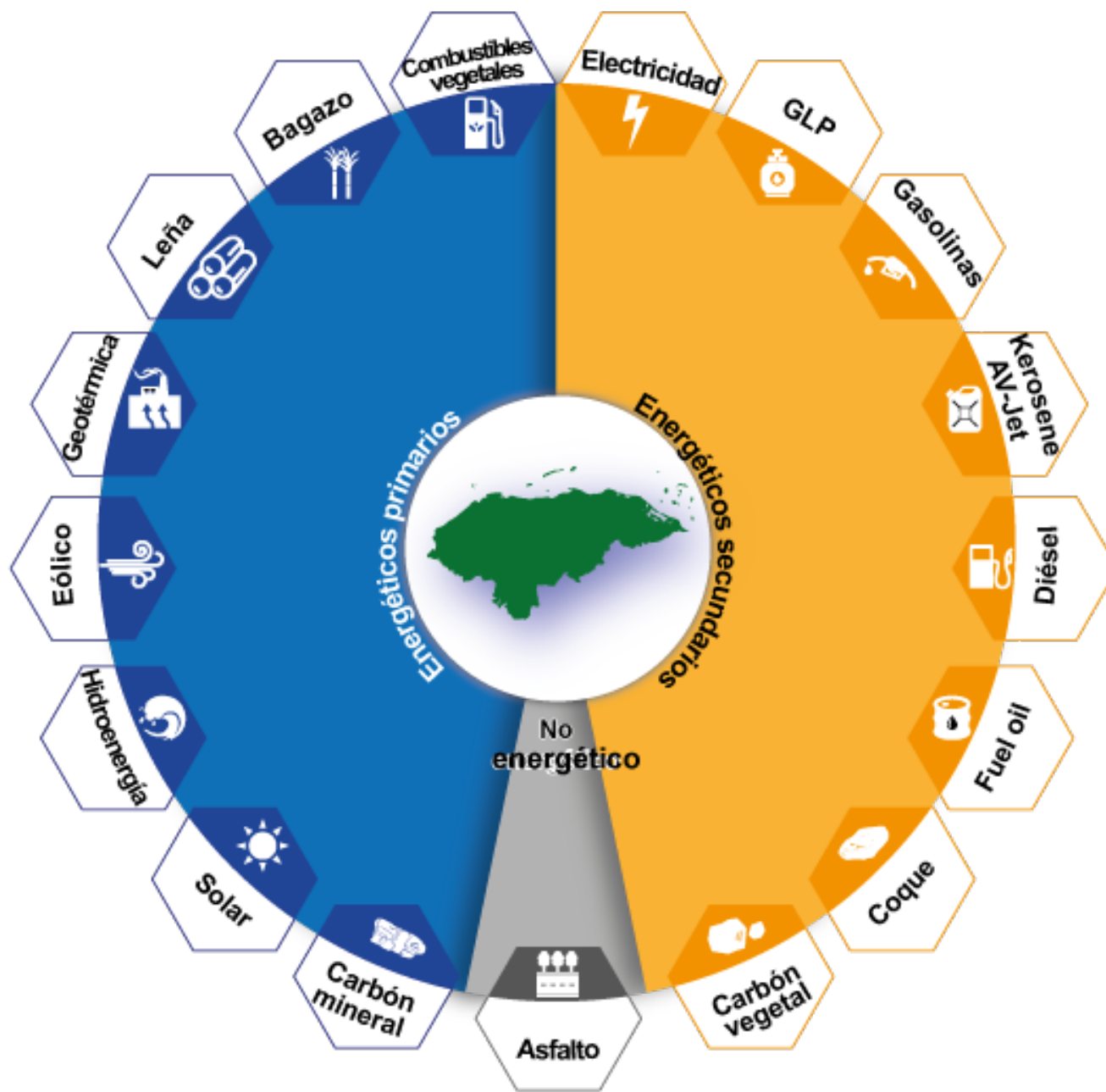
Primary energy supply by source



Primary energy supply by energy source



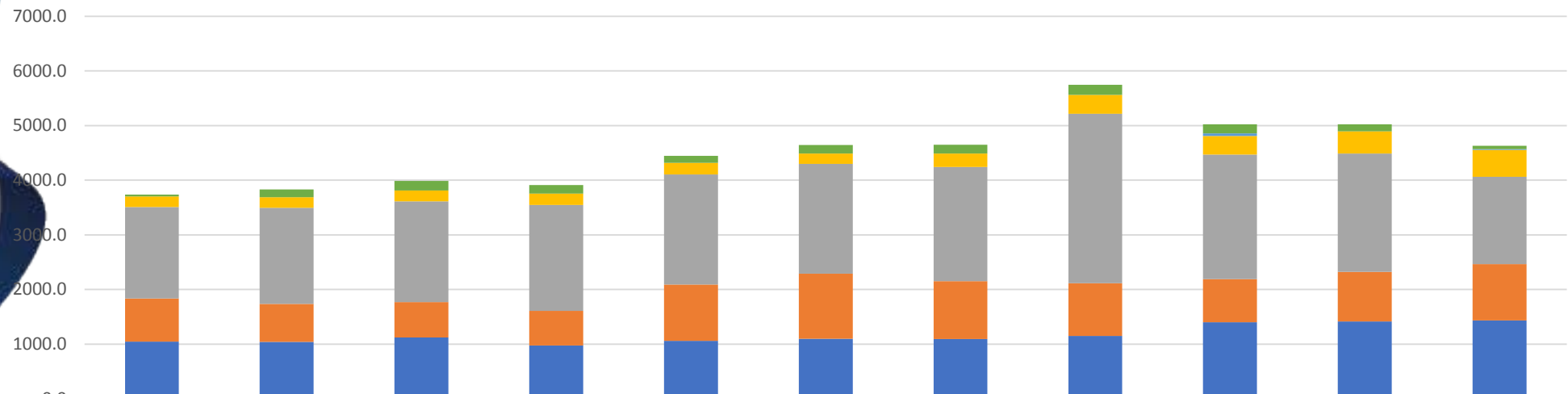
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
■ Firewood	1524.5	1600.6	1680.6	1764.6	1899.4	1934.0	1968.6	3023.2	2161.1	2063.2	1411.0
■ biofuels & waste	447.4	369.1	342.5	152.2	270.6	388.7	271.9	252.2	263.5	358.9	588.0
■ electricity (nuclear, hydro, geothermal & solar)	291.2	299.8	368.3	404.6	327.0	369.9	353.9	285.4	308.2	333.9	428.8
■ oil & gas	2405.9	2481.4	2252.7	2332.1	2542.1	2634.9	2712.7	2770.0	2956.3	2862.9	2777.2
■ Coal	44.6	73.3	4.6	0.0	78.3	89.7	86.9	92.5	79.3	35.7	0.4





Final energy consumption by sector

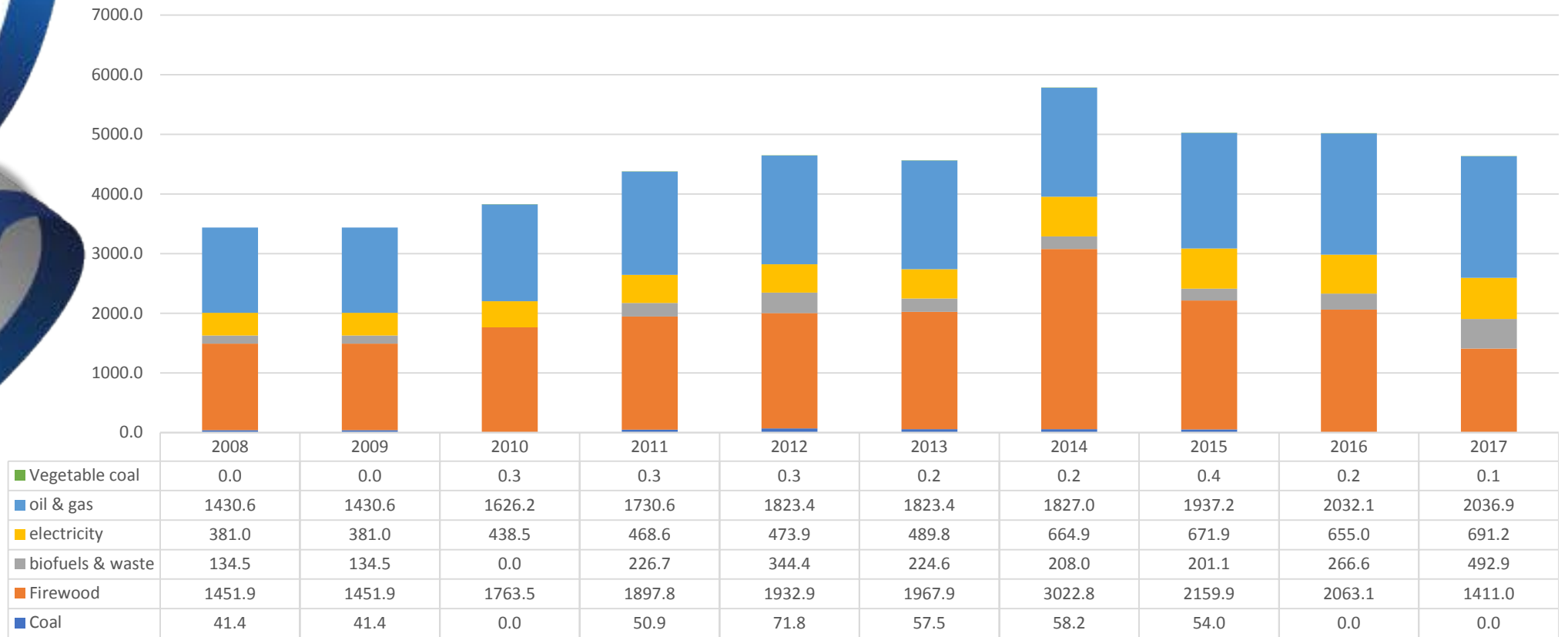
Energy Consumption by sector



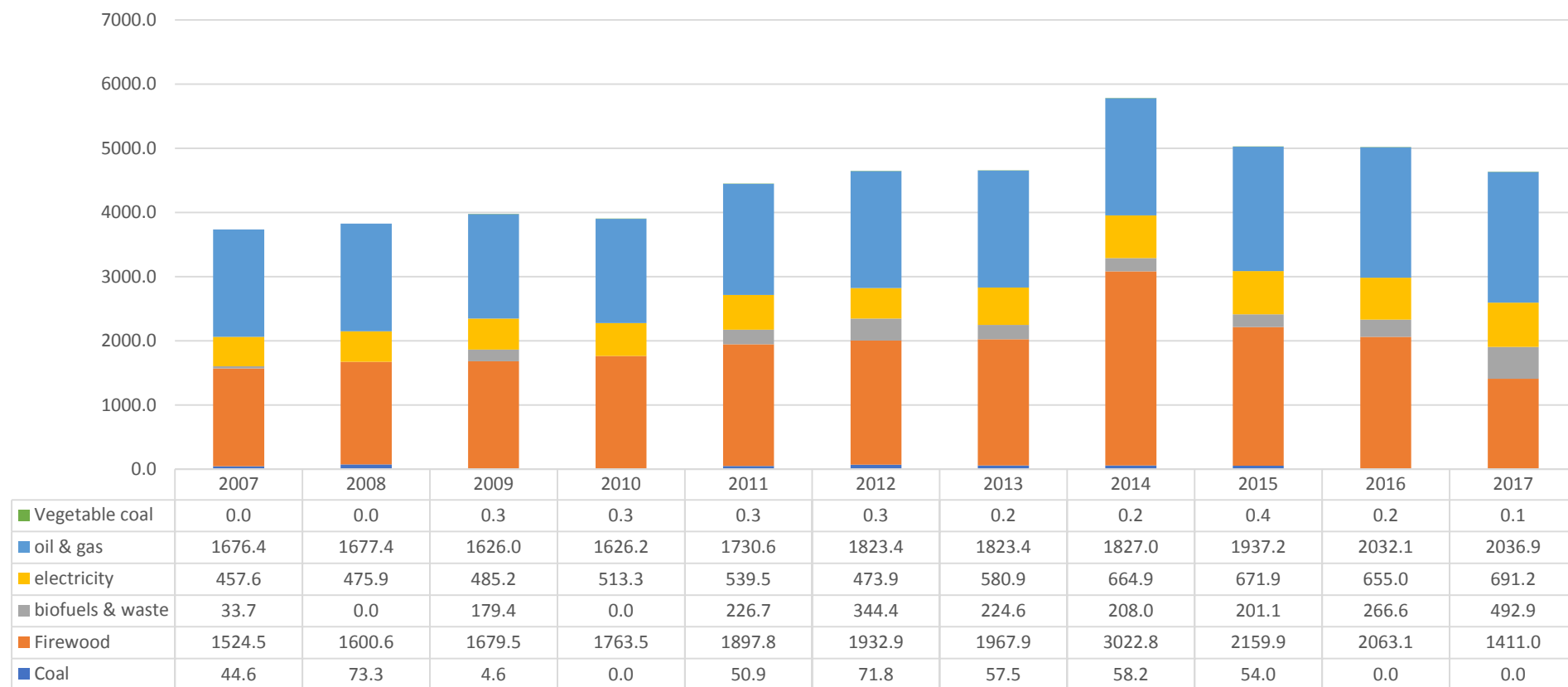
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Construction, other	32.2	141.3	172.5	155.7	124.9	158.0	160.7	179.9	166.9	127.8	64.2
Agriculture, fishing, mining	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.1	0.0	14.1
Commercial, Services	192.5	195.5	199.0	211.2	214.5	187.8	246.3	348.0	341.9	403.0	489.7
Residential	1677.2	1755.2	1843.3	1936.1	2013.7	2012.0	2092.0	3099.6	2278.2	2167.4	1597.8
Industry	787.5	699.1	648.2	634.4	1033.0	1189.6	1055.7	964.8	787.9	905.8	1031.6
Transport	1047.3	1040.7	1123.1	977.1	1059.8	1099.2	1095.6	1152.4	1403.6	1418.0	1434.6

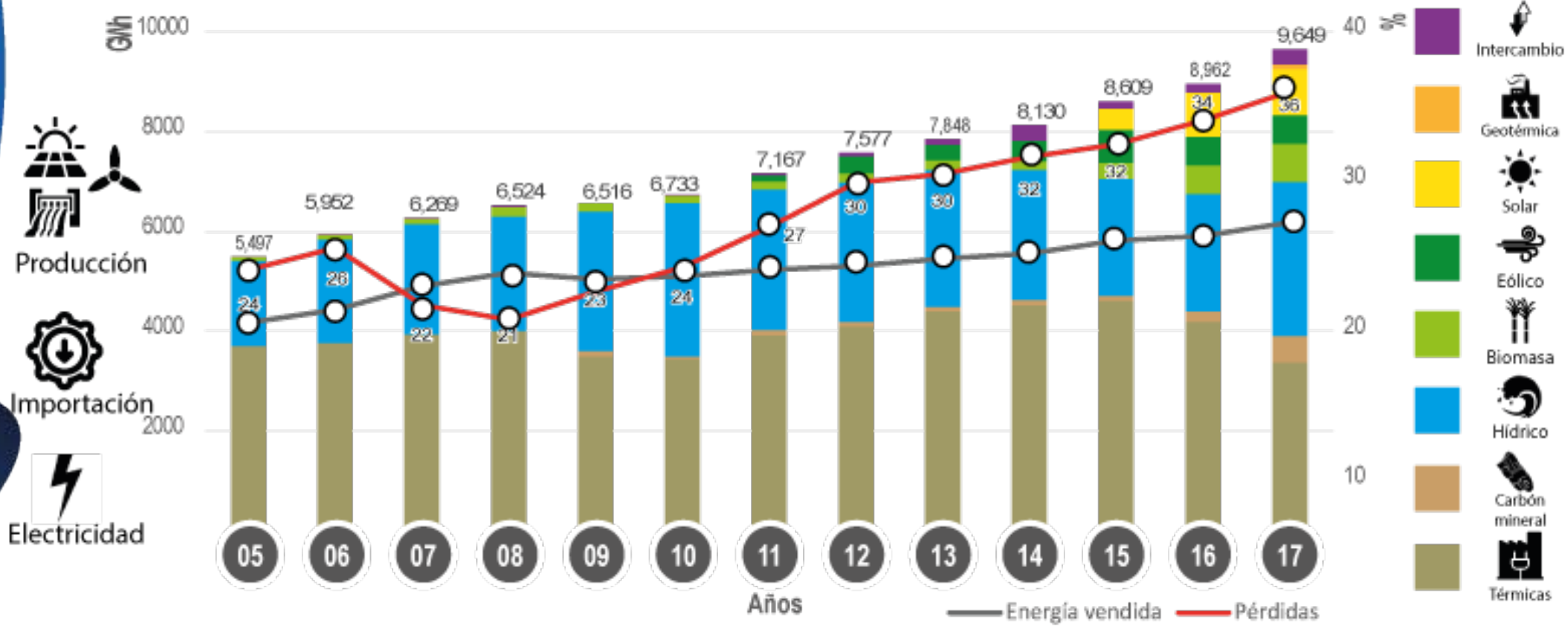
■ Transport
 ■ Industry
 ■ Residential
 ■ Commercial, Services
 ■ Agriculture, fishing, mining
 ■ Construction, other

Final energy consumption by source

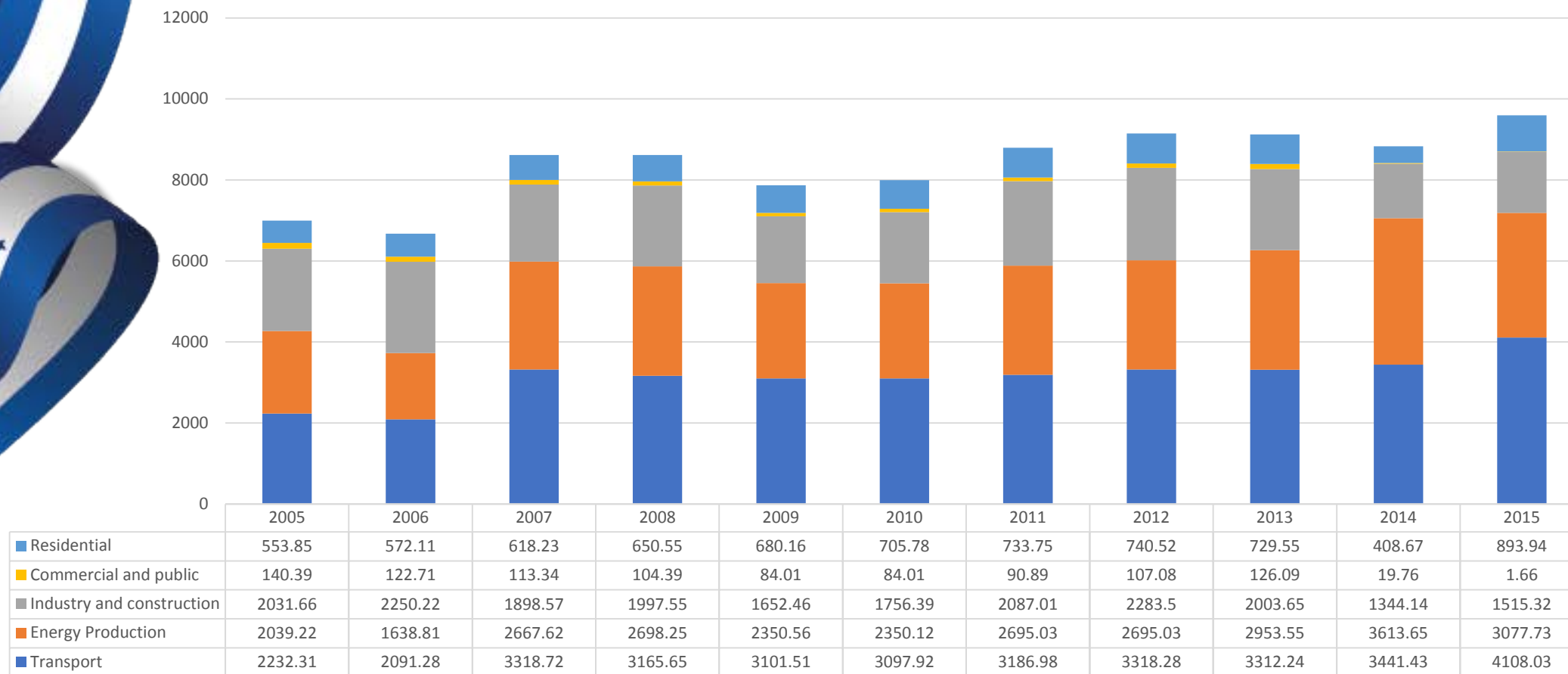


Electricity generation by energy source

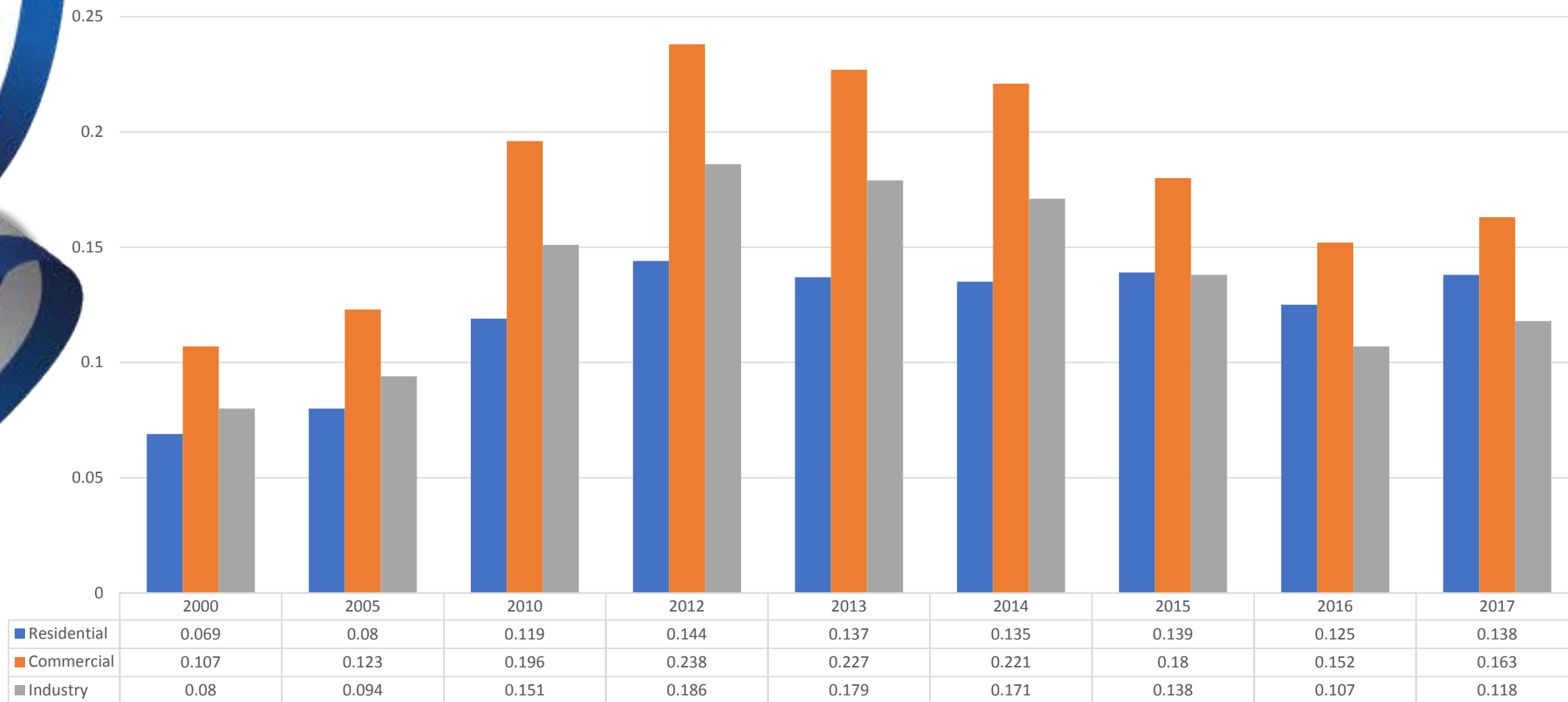




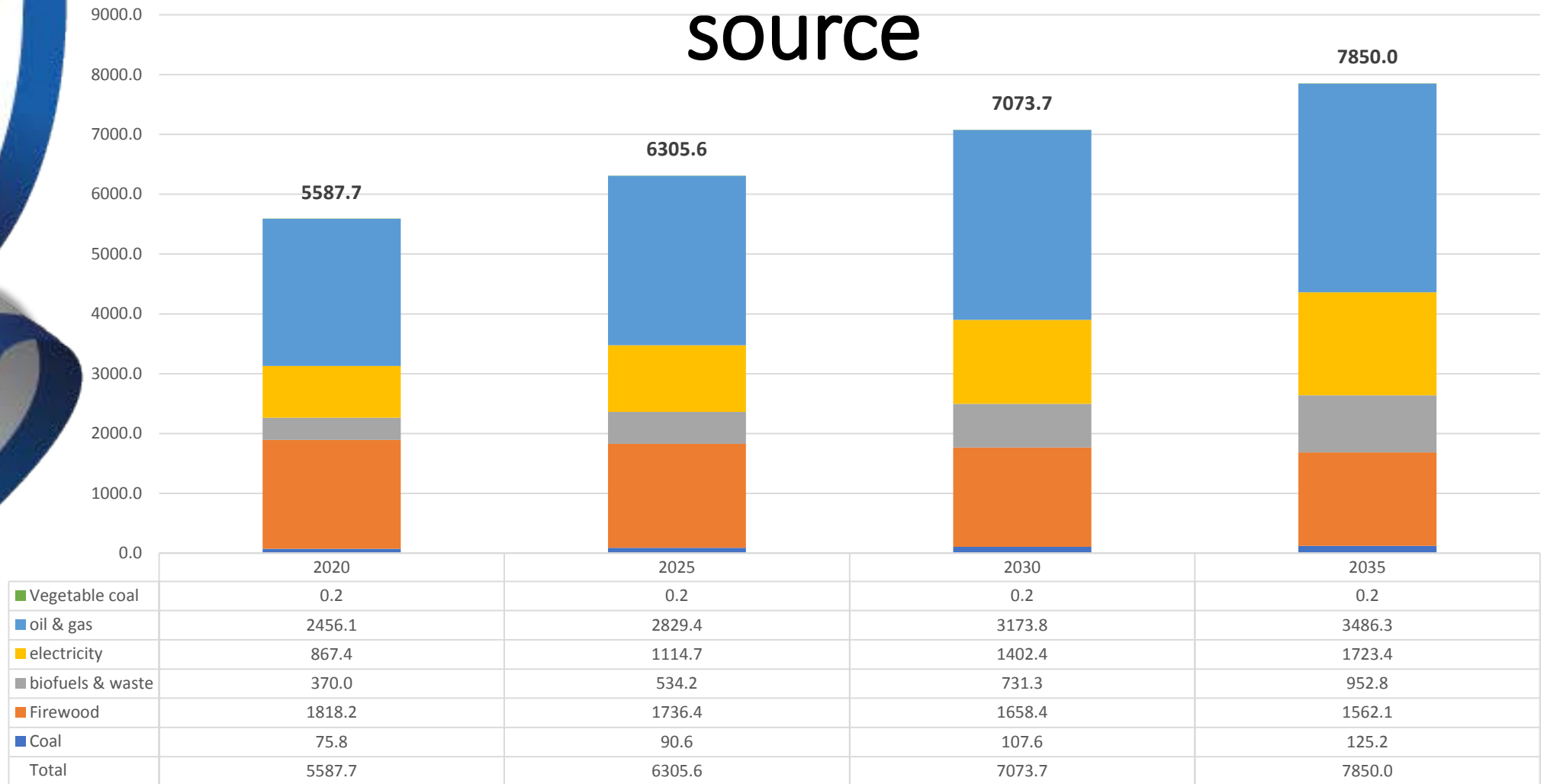
CO2 emission by sector (Gg/annum)



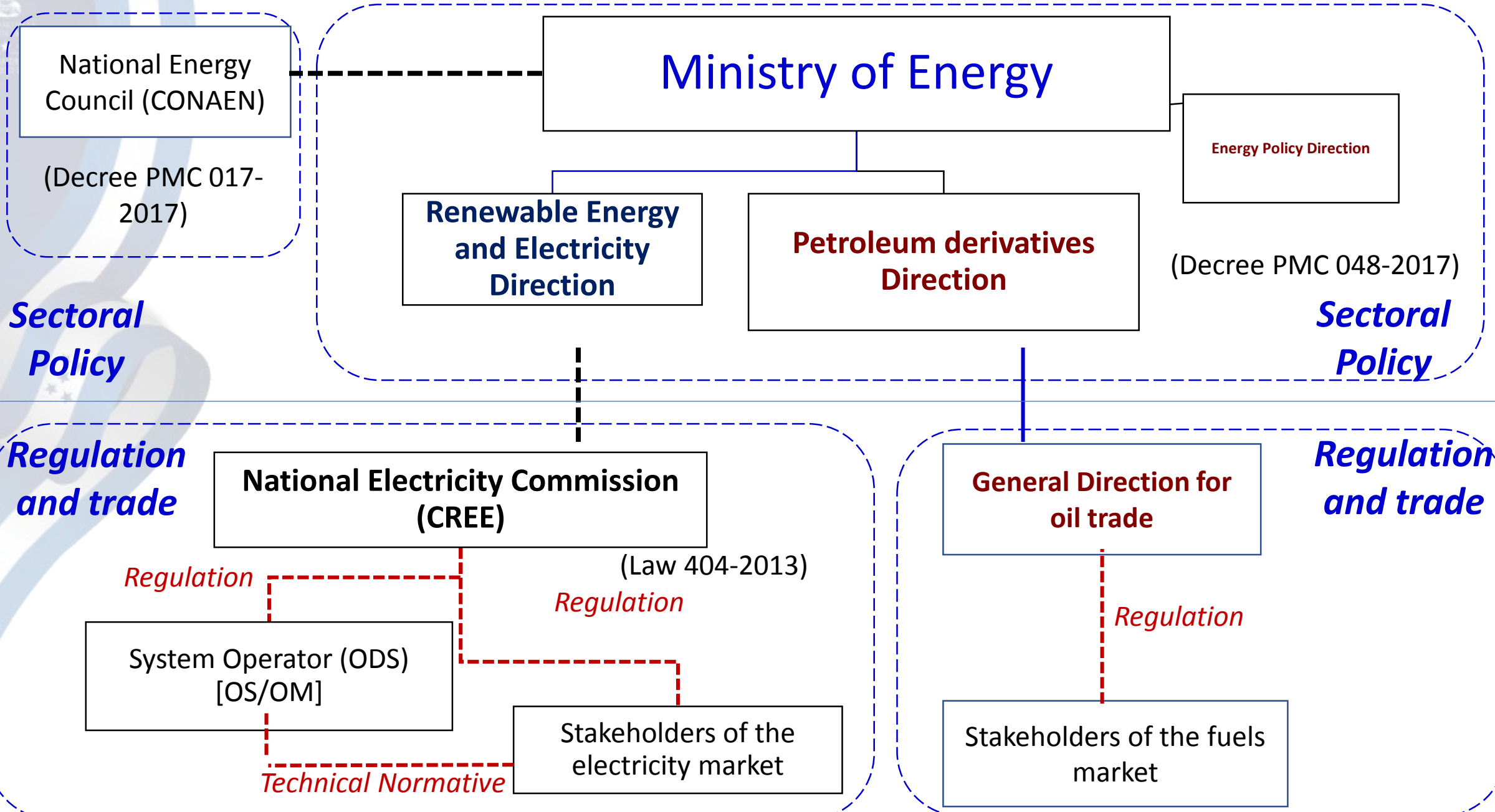
Electric Energy Prices US\$/kWh



Outlook of final energy consumption by source



Organizational structure



Current energy policy and measures

Nation Plan and Country Vision

- 80% of the electricity generation with renewable sources
- 15% of reduction in the greenhouse gases emissions in the energy sector
- 100% of energy access

Major difficulties and bottlenecks currently faced in formulating energy policies

- Inexistence of a centralized data base with the main variables of the sector
- There is no data standardization at national level
- Lack of characterization of the origin and consumption of the energy
- The current changes in the sector and the correct definitions in the roles of the agents in the market
- Strong regulators are needed
- There is no an independent institution dedicated to research of the energy sector

Subjects of interest

- Recommendation in how to elaborate the energy outlook in case of methodologic changes in the estimation of some energetics
- Recommendations to improve de investments confidence



Thank you