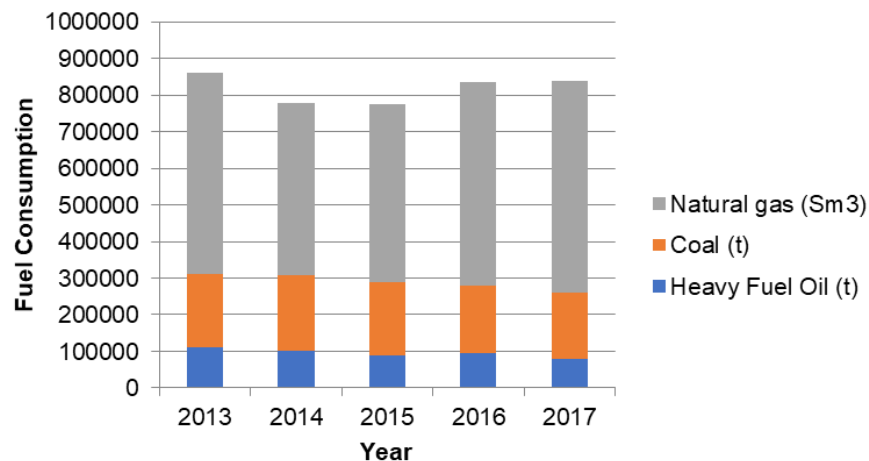


Poslovno udruženje „Toplane Srbije“

Dejan Stojanović dipl.maš.inž.

DHS of Serbia - Structure and Fuels

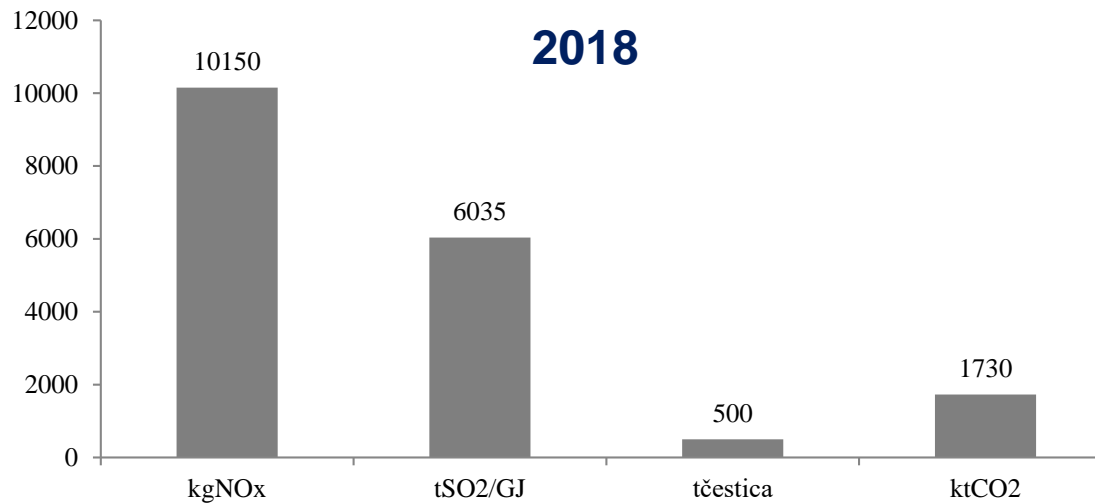
Fuel Consumption by DHS of Serbia



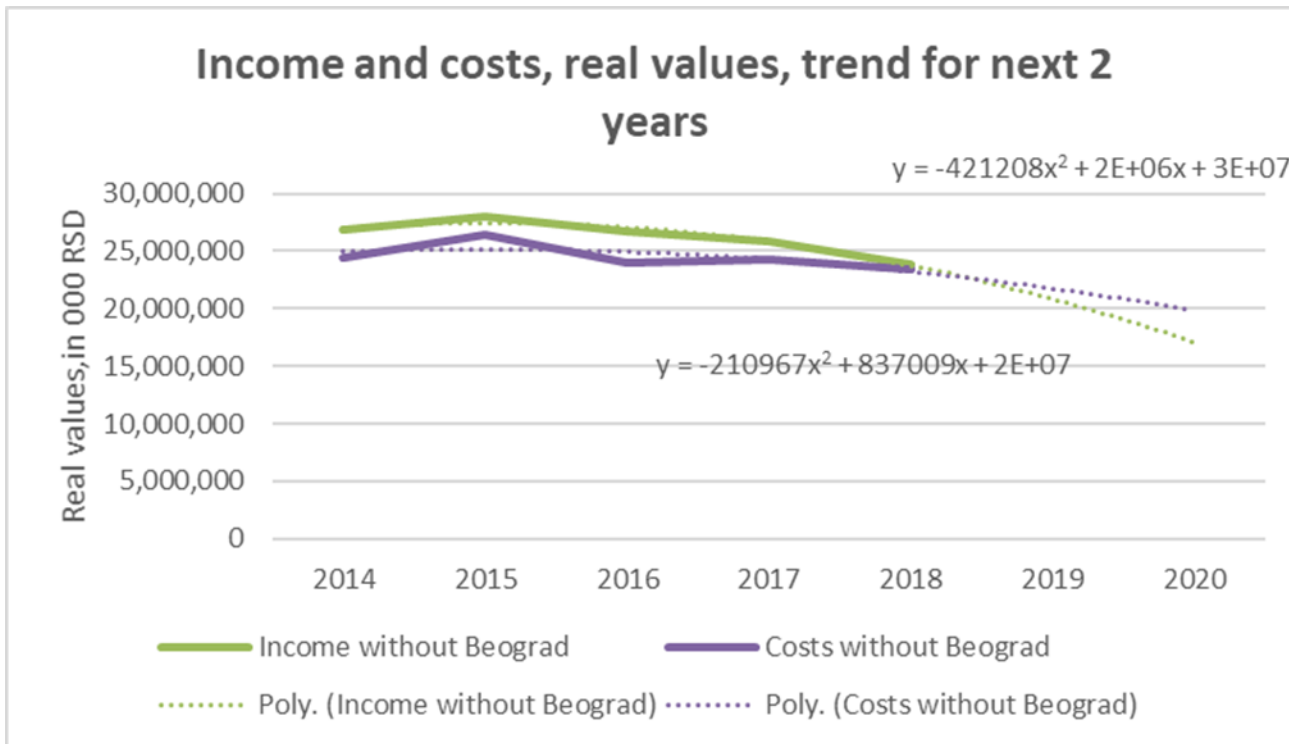
Year	2013	2014	2015	2016	2017
Fuel					
HFO (t)	110,024	102,186	87,442	95,390	79,764
Coal (t)	201,123	205,700	200,549	184,283	181,570
Natural gas (1000 Sm ³)	549,609	472,000	487,497	554,633	578,953

2017

Number of DHS	Number of employees	Installed capacities (MW _e)	Number of connected households	Connected area ('000 m ²)	Generated energy (GWh)	Average efficiency of generation (%)	Average efficiency of distribution (%)	Specific heat consumption (kWh/m ²)
59	5,981	5,893	629,372	43,712	6,894	89,1	84,95	128,5



Income and costs trends



EE measures in Nis

Energy classes		Hca+Trv		Insulation		Insulation Hca+Trv		Insulation Joinery		Insulation Joinery Hca+Trv	
Specific consumption (kWh/m ² ,year)	No buildings	Investment costs (M€)	Payback period simply (year)	Investment costs (M€)	Payback period simply (year)	Investment costs (M€)	Payback period simply (year)	Investment costs (M€)	Payback period simply (year)	Investment costs (M€)	Payback period simply (year)
120-140	261	3,2	12,85	15,1	13,99	18,4	14,99	34,7	15,16	37,9	16,41
140-175	127	0,63	10,40	3,0	12,05	3,6	12,74	6,7	13,06	7,4	14,04
175-	46	0,03	6,68	0,14	8,56	0,17	8,86	0,32	9,28	0,35	9,86
Total		3,86		18,24		22,17		41,72		45,65	
CO2 reduction (kt)		1,9		5,5		7		9,8		12,7	