

ECRAN-Module 2 Homework Task 3

TURKEY

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Key Assumptions

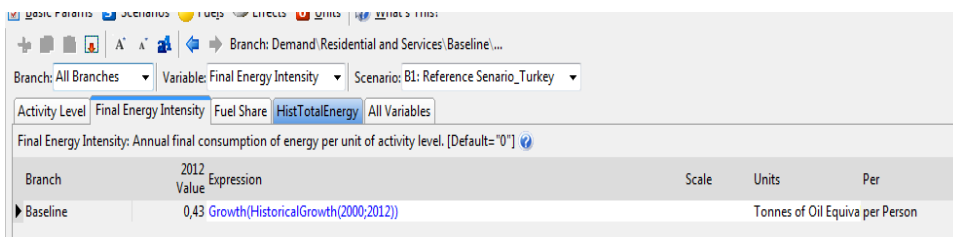
- GDP ; 2015-2030 projection data from Ministry of Development
- Population; 2015-2030 from TURKSTAT
- Other data from WB, IMF and etc.

Demand Side

- Demand tree was constructed by using Energy Balance tables. (Historical Data)
- 4 important sectors
 - Residential and Services
 - Agricultural
 - Industry
 - Transport
- Others...(non-energy use, bunker fuels)

Demand Side Projections

- At demand side experts views was used until 2030
- Projections on demand; has no enough data (detailed data sector base, fuel shares) for 2030 so we used (HistoricalGrowth)function



Branch	2012 Value	Expression	Scale	Units	Per
Baseline	0.43	Growth(HistoricalGrowth(2000;2012))		Tonnes of Oil Equiva	per Person

Other challenges on demand side

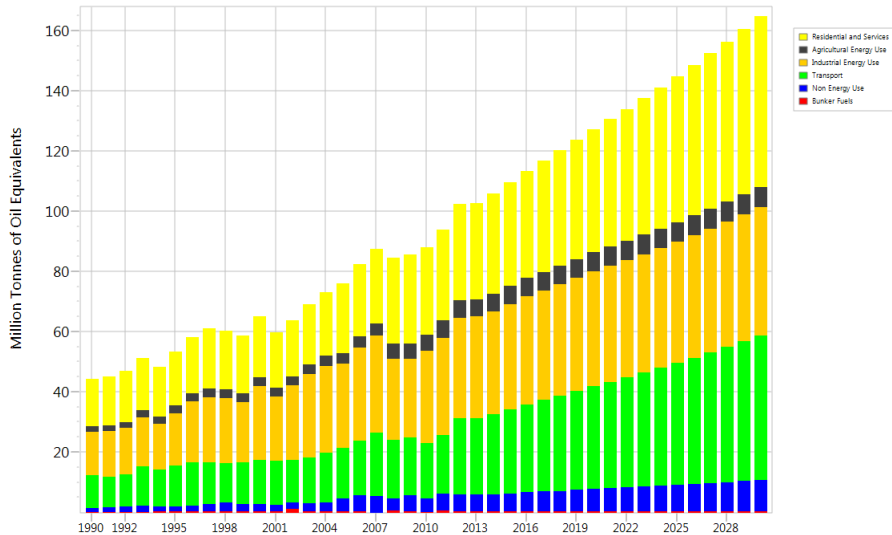
- Lack of transport data (historical and assumptions)
- Some crushes at energy balances tables.
- Need more data and more expert assumptions at sector based (for exp. Iron and steel)

Transformation

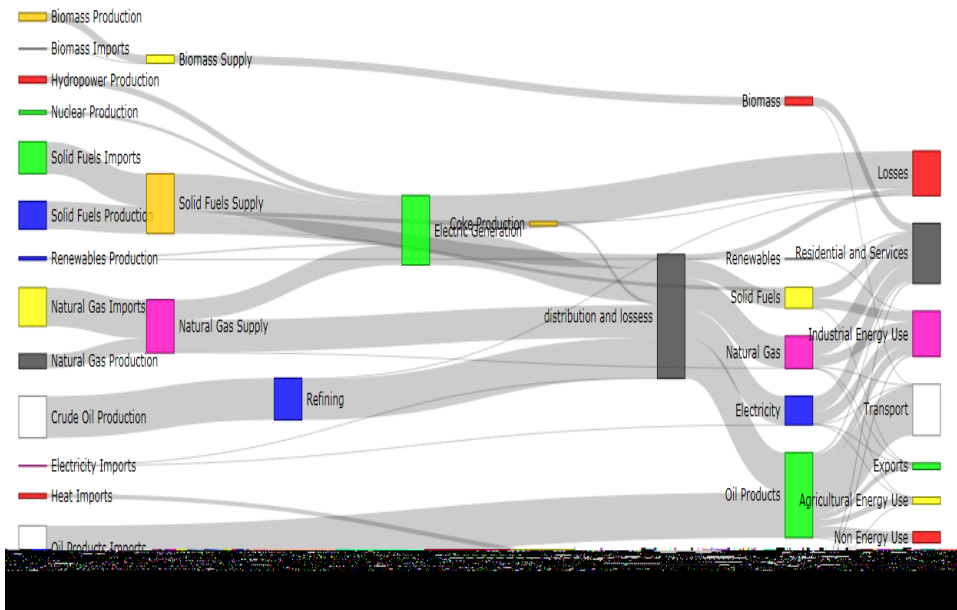
- Detailed Data
- More trustable experts views
- Data from MENR, TEİAŞ...
- Targets and assumptions are included.

Energy Demand Final Units

Reference Senario_Turkey Scenario, All Fuels



2030-Sankey Diagram for "Module 3 Zagreb"



THANK YOU FOR YOUR ATTENTION