

Open the file: ChecksConsistency_Excercises.xls

Exercise CC.1:

Your country is producing 3000 Millions m^3 (GCV=38000kJ/ m^3) of non-associated natural gas.

It's all used in an electricity plant that reports an efficiency of 40%.

Report the input of natural gas and the output of electricity correctly in both Natural Gas and Electricity Questionnaires.

Hint: 1 GWh = 3.6 TJ

Exercise CC.2:

Your country produces 200kt of biogasoline from sugar cane. Half of it is directly consumed by tractors in fields. The rest is blended by a domestic refinery with 900kt of locally produced motor gasoline. The resulting fuel, sold at pump stations under the name E10, is all sold to private cars.

Report these flows in the Renewables and Oil questionnaires.

Exercise CC.3:

Spot the errors!

Given those pre-filled Coal and Electricity questionnaires, make some clever cross checks to find inter-questionnaires inconsistencies!

Highlight the cells you find dubious and write your comments below: