

Energy in figures

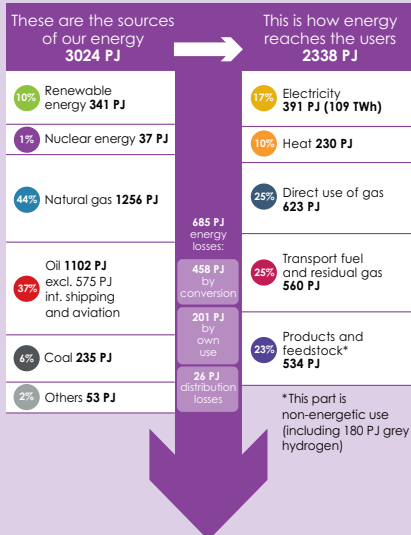
Sustainability and security of supply in the Netherlands

Figures are based on 2021 data from Statistics Netherlands

2023

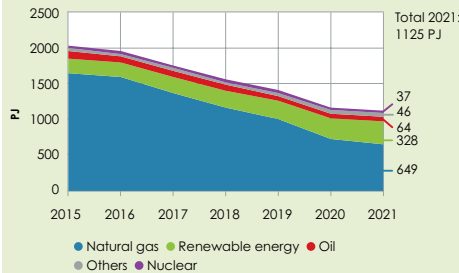
WHAT IS OUR ENERGY DEMAND?

THE DUTCH ENERGY SYSTEM: FROM PRIMARY DEMAND TO FINAL DEMAND

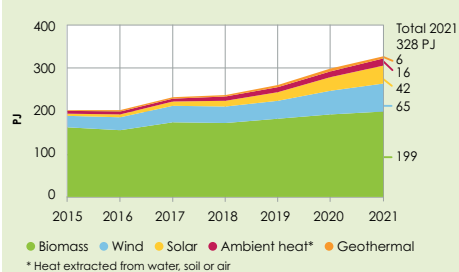


WHERE DOES OUR ENERGY COME FROM AND WHERE IS IT GOING TO?

THE PRODUCTION OF ENERGY IN THE NETHERLANDS

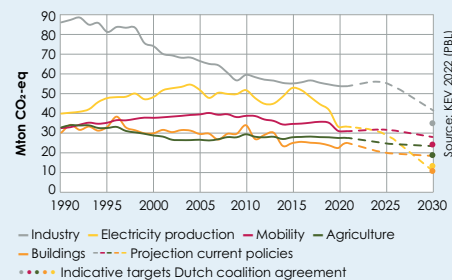


THE PRODUCTION OF RENEWABLE ENERGY

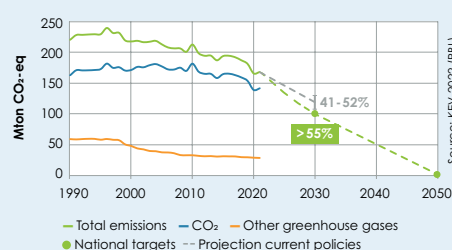


WHAT ARE OUR EMISSIONS OF GREENHOUSE GASES?

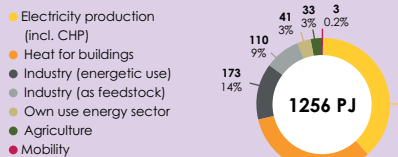
THE REDUCTION OF EMISSIONS IN THE SECTORS



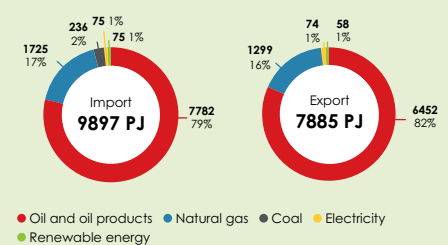
THE REDUCTION OF EMISSIONS IN RELATION TO POLICY AND NATIONAL TARGETS



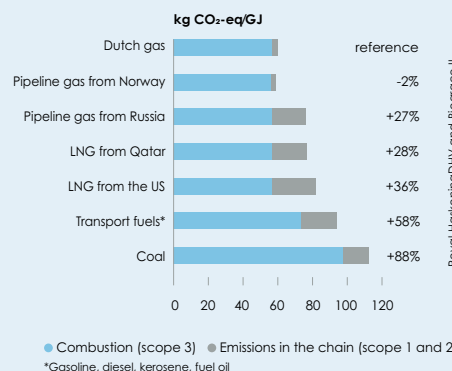
NATURAL GAS DEMAND BY SECTOR



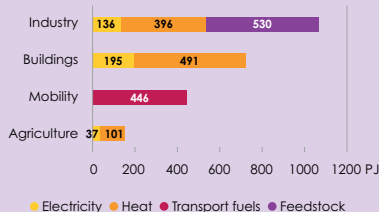
ENERGY IMPORTS AND EXPORTS OF THE NETHERLANDS



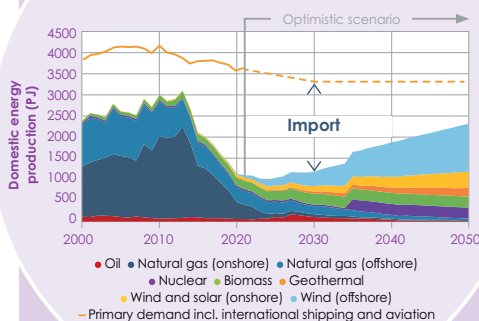
THE EMISSIONS OF FOSSIL FUELS CONSUMED IN THE NETHERLANDS



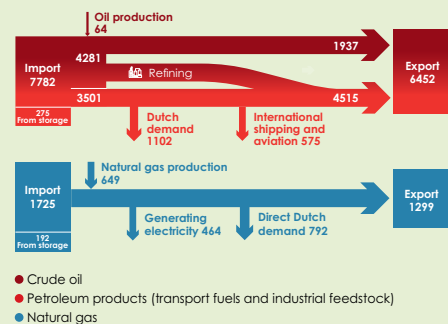
THE APPLICATION OF ENERGY IN THE SECTORS



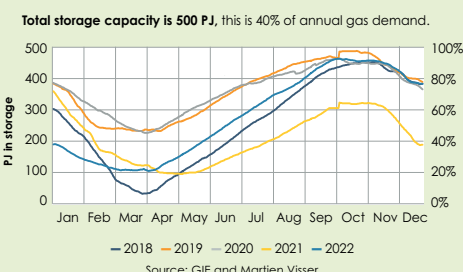
THE IMPORT GAP OF THE NETHERLANDS



THE NETHERLANDS AS A TRANSIT COUNTRY FOR OIL AND GAS IN PJ



THE FILLING LEVELS OF DUTCH GAS STORAGE



How to convert energy units:	
PJ	1 PJ = 10 ¹⁵ joules, 1 EJ = 1000 PJ.
	1 petajoule (PJ) can supply a city like Tilburg with electricity for a year.
1 TWh (terawatt hour = 10 ⁹ kilo watt hours)	3.6 PJ
1 bcm (billion cubic meters) natural gas	35.17 PJ
1 MBoe (million barrels of oil equivalent)	6.12 PJ
1 Mton hydrogen (Mton = 10 ⁶ kilograms)	120 PJ



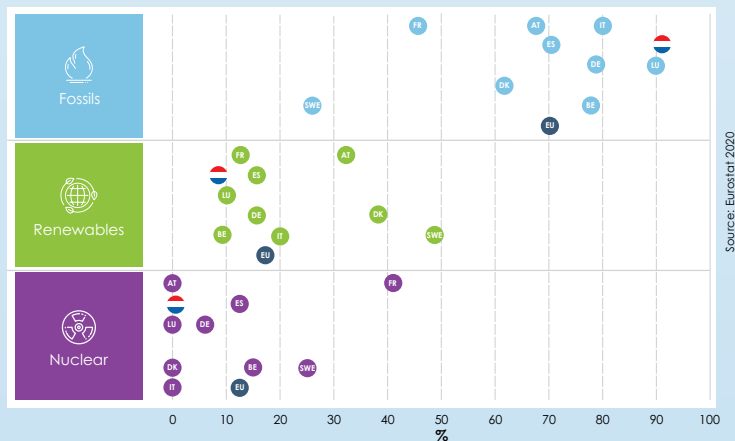
Download the infographic at www.ebn.nl/infographic

Energy in figures

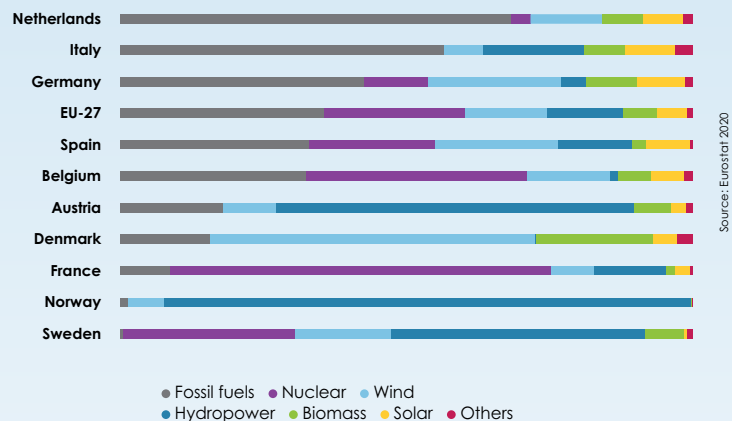
Sustainability and security of supply in Europe

2023

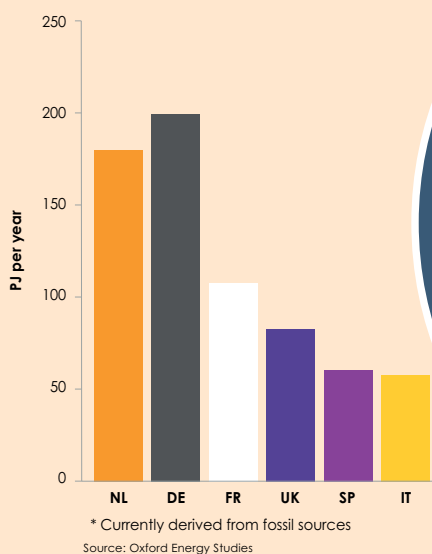
FOSSILS, NUCLEAR AND RENEWABLES: SHARE IN THE ENERGY MIX BY COUNTRY



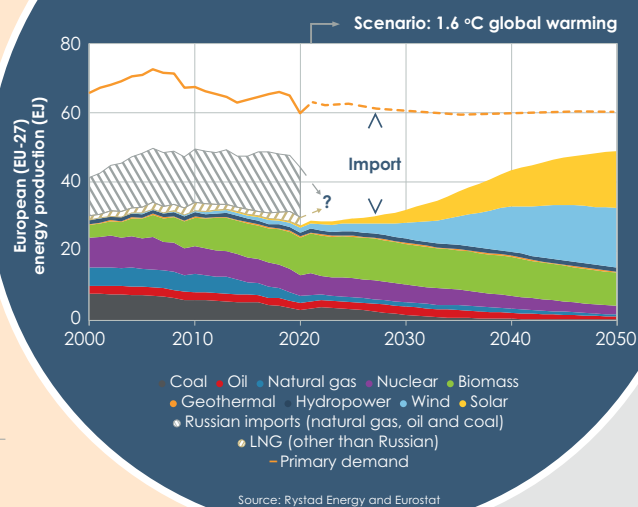
SOURCES OF ELECTRICITY PER COUNTRY



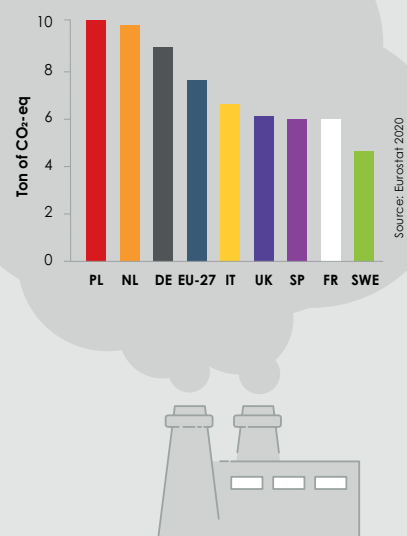
HYDROGEN DEMAND* BY COUNTRY



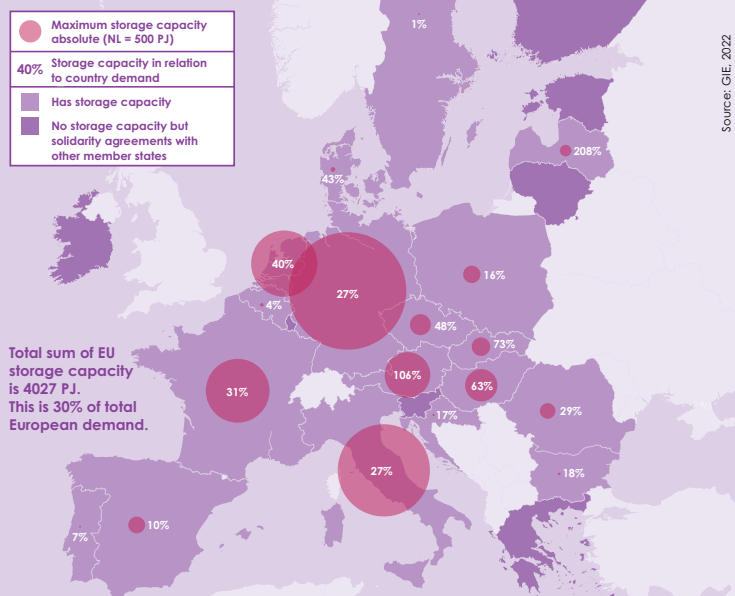
THE IMPORT GAP OF EUROPE



EMISSIONS PER CAPITA

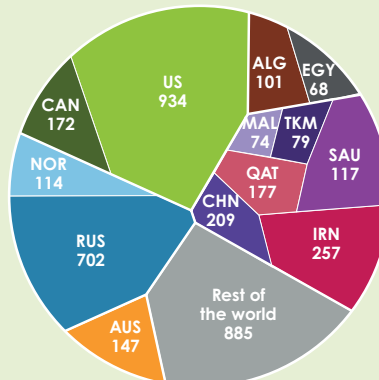


GAS STORAGE CAPACITY BY COUNTRY



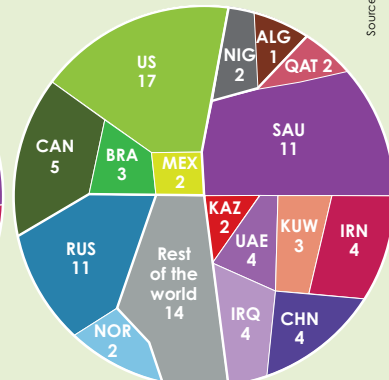
LARGEST GLOBAL PRODUCERS:

NATURAL GAS (BILLION M3 PER YEAR)



Global natural gas production:
4037 bcm per year (=145,330 PJ per year)

OIL (MILLION BARRELS OF OIL PER DAY)



Global oil production:
90 Mboe per day (=200,770 PJ per year)