



Perustietoa bioenergiasta 2022

6.6.2022



Sisältö

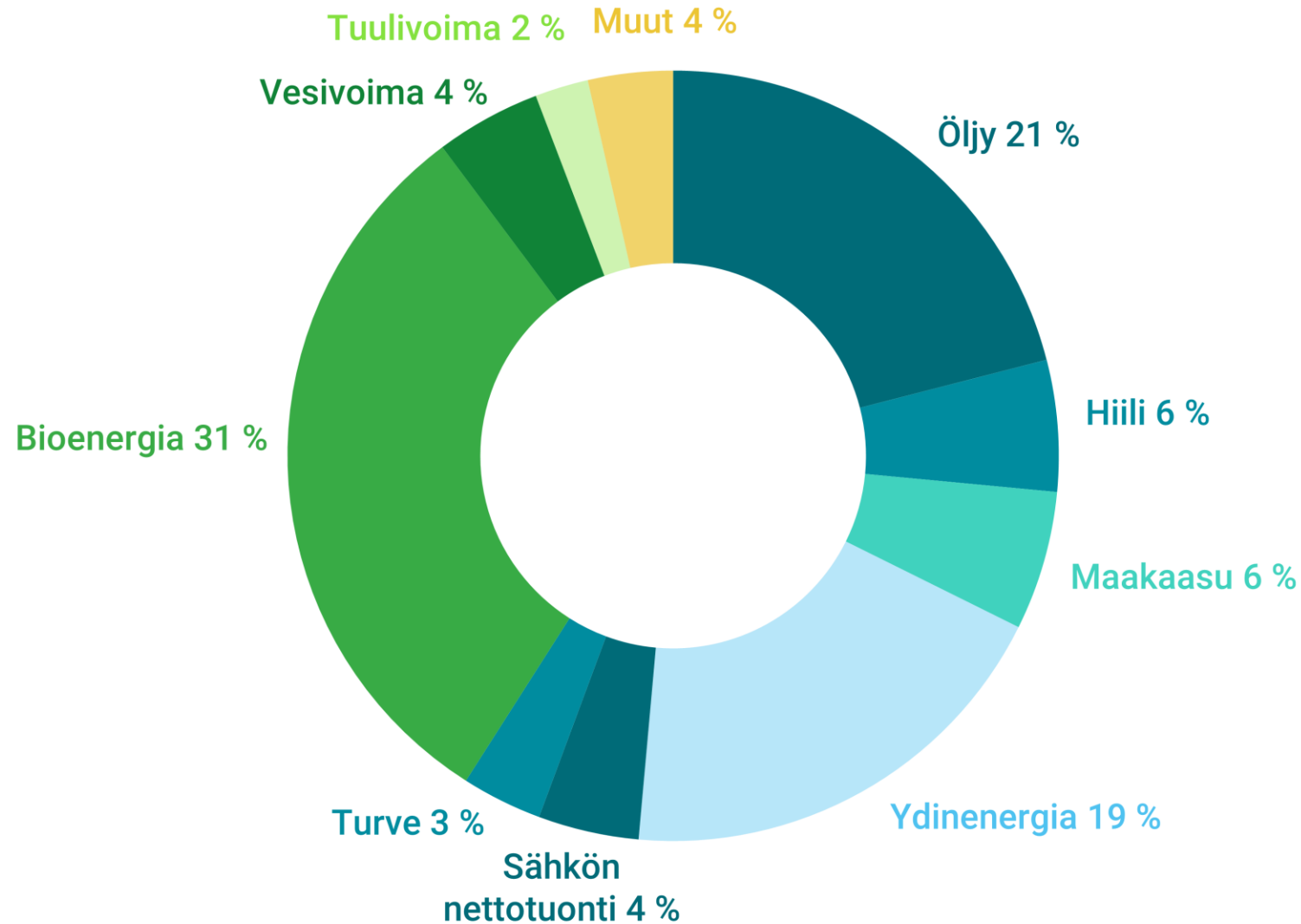
Bioenergia Suomessa	3
Bioenergia EU:ssa	12
Bioenergia maailmassa	19



Bioenergia Suomessa

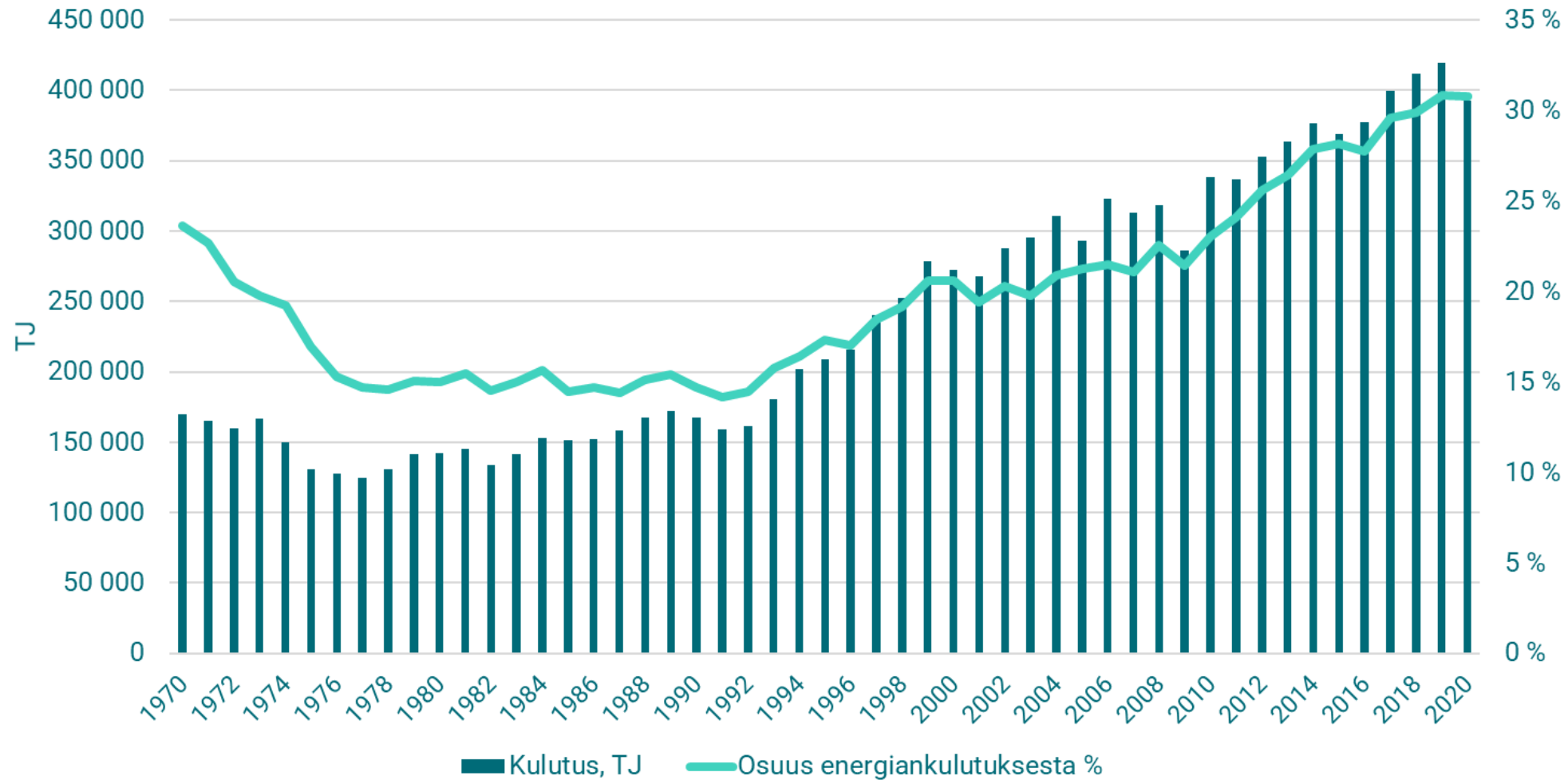


Energian kokonaiskulutus Suomessa 2020

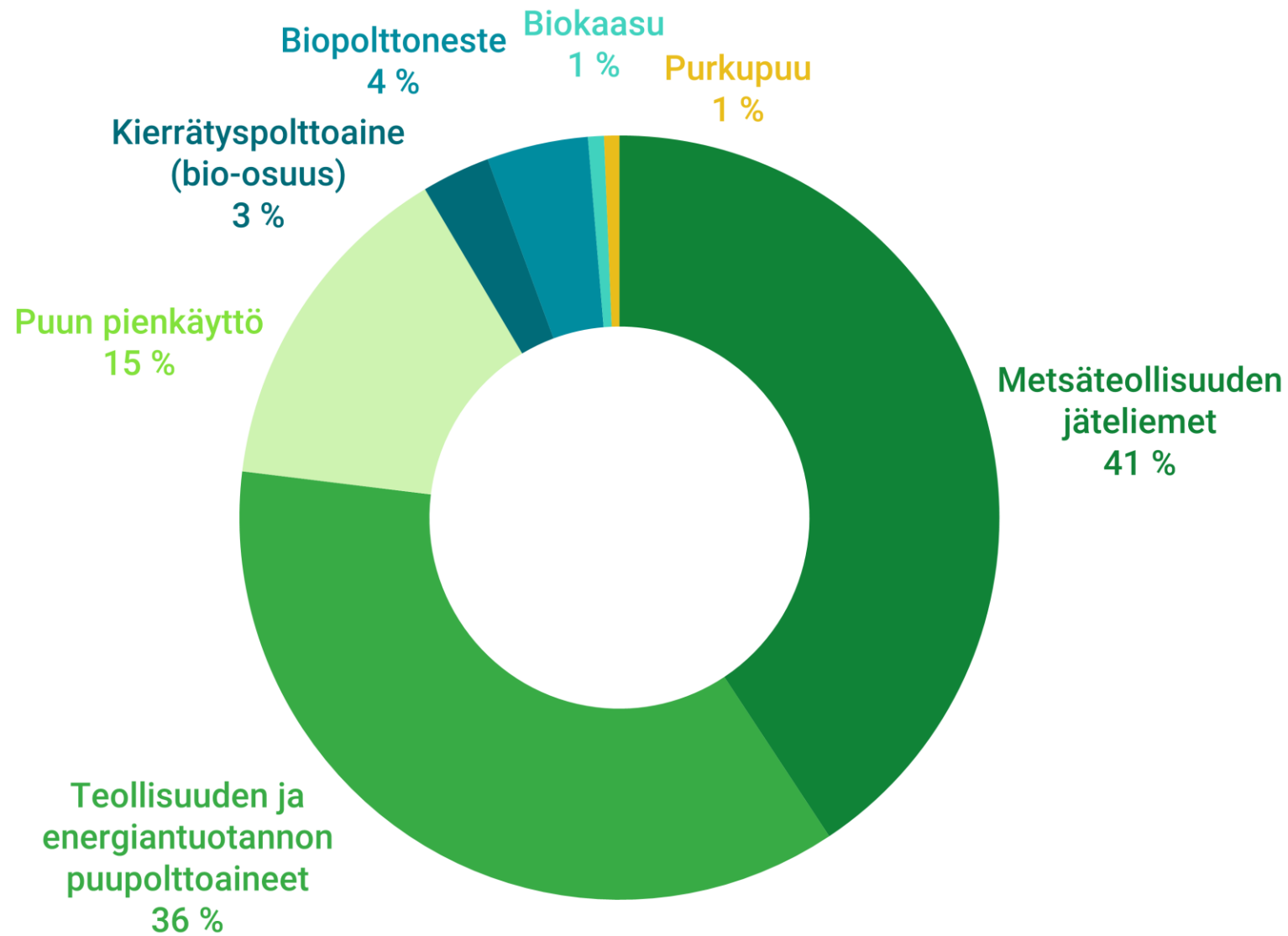




Bioenergia Suomessa 1970 – 2020

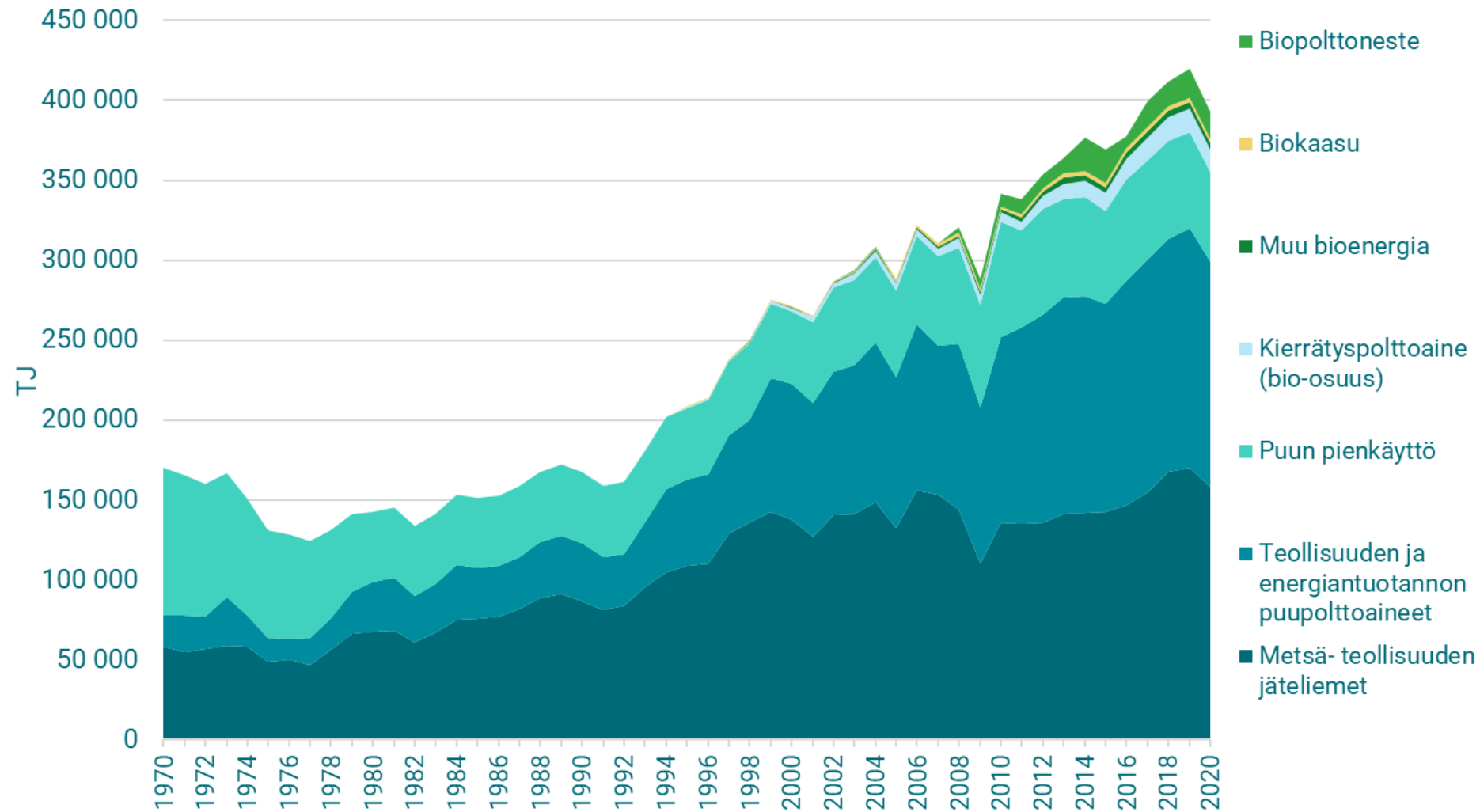


Bioenergia 2020



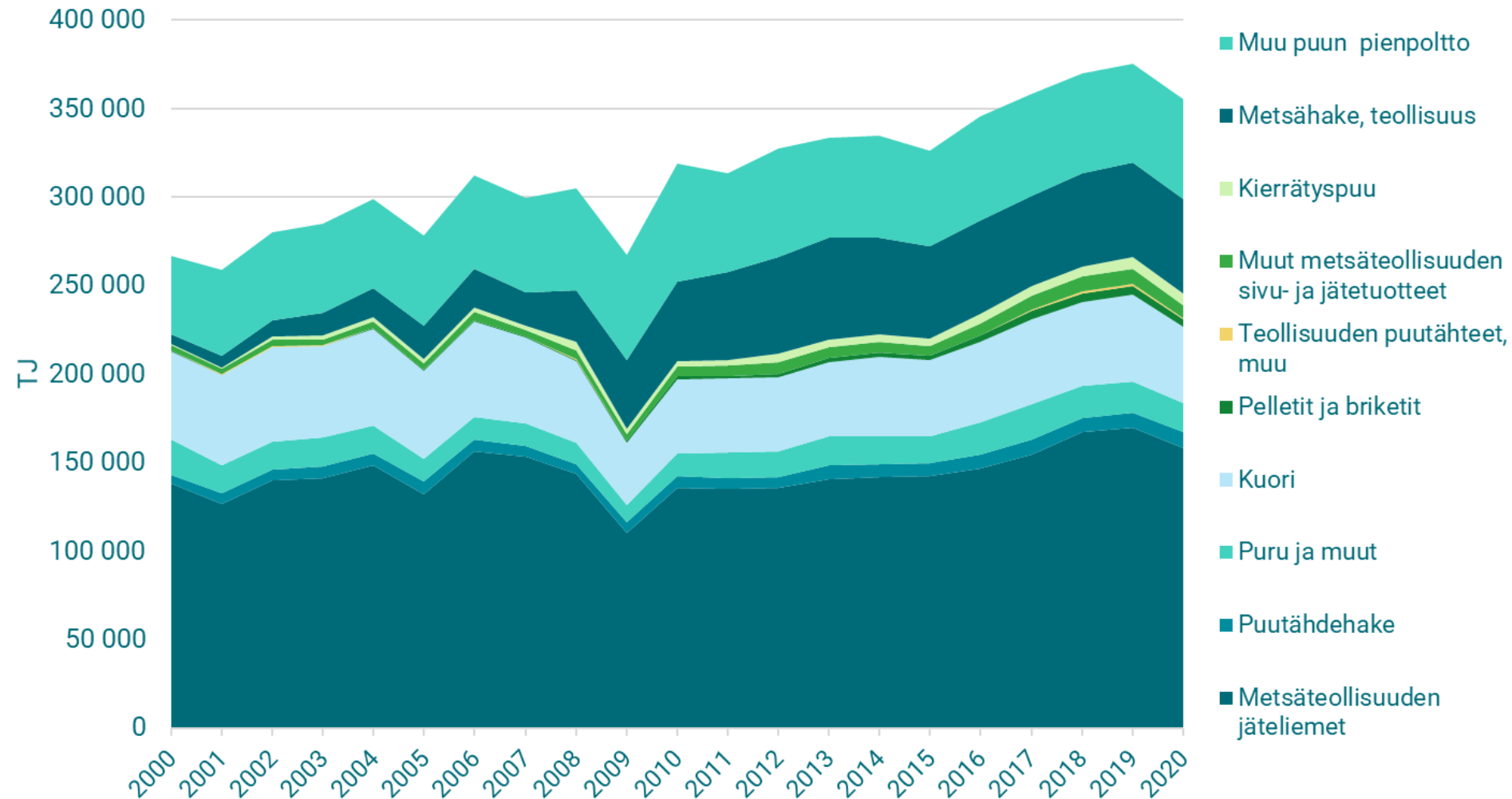


Bioenergia lajeittain 1970 – 2020



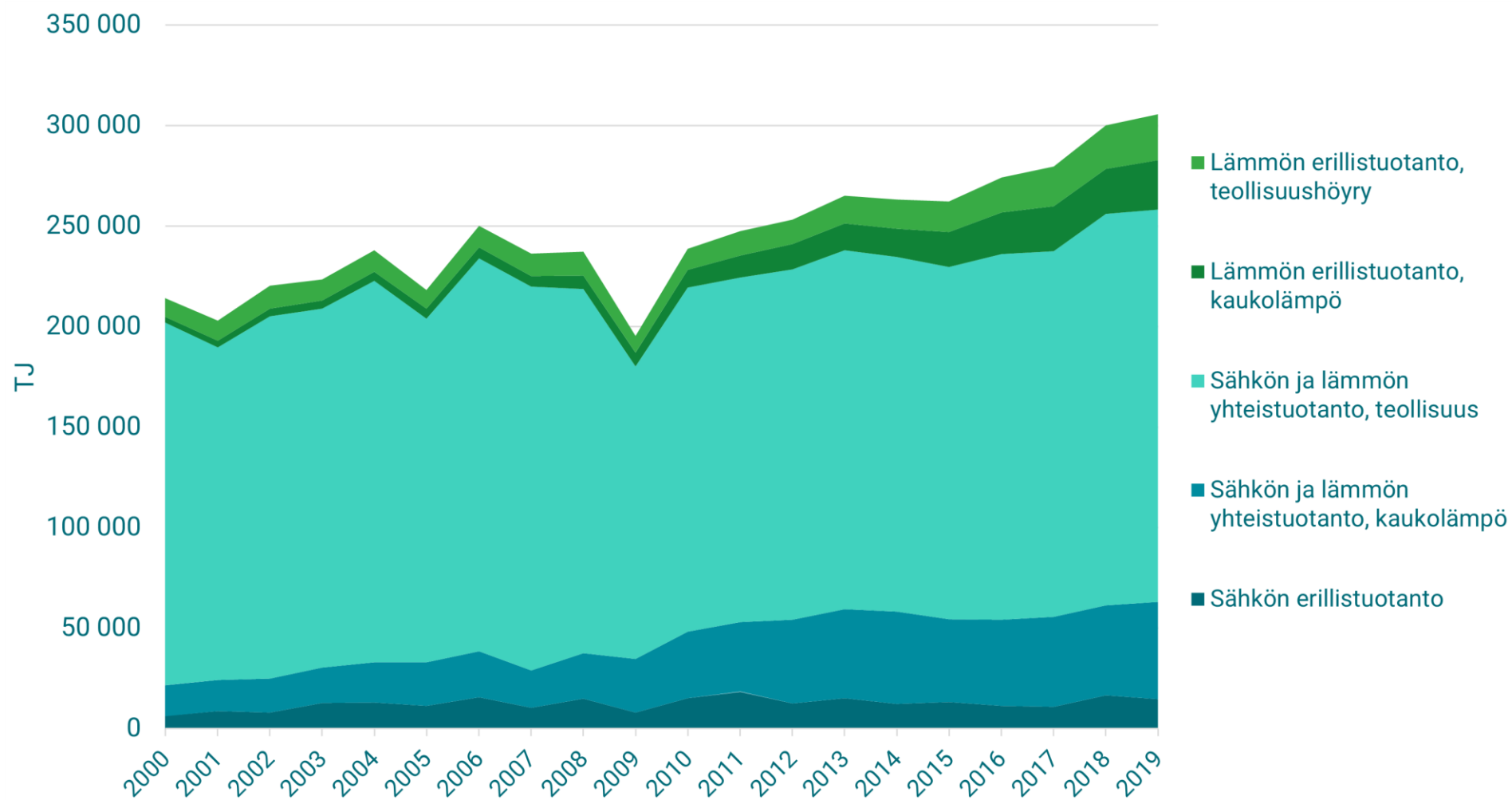


Puupolttoaineet lajeittain 2000 – 2020



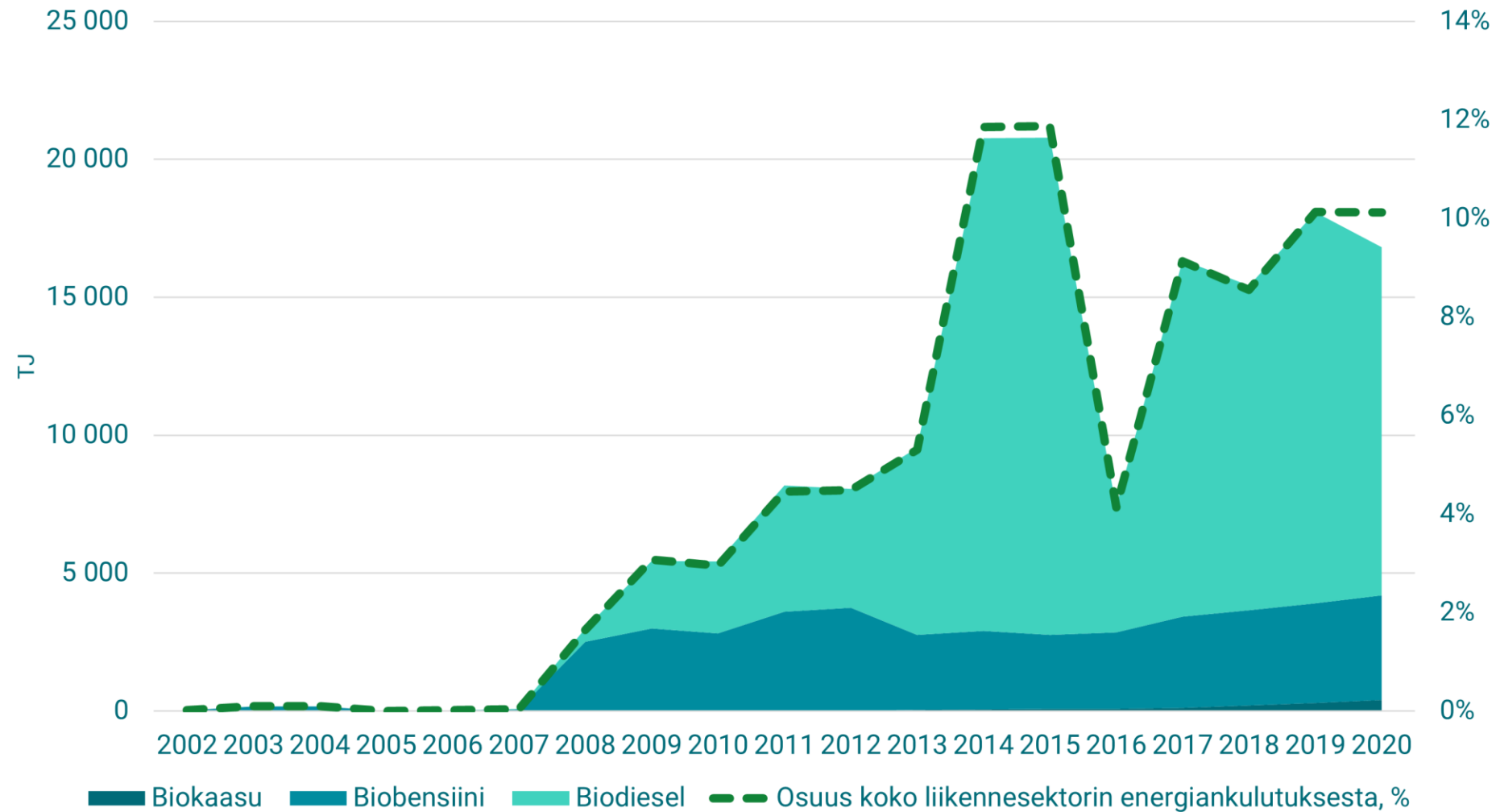


Puupolttoaineiden käyttö 2000 – 2019





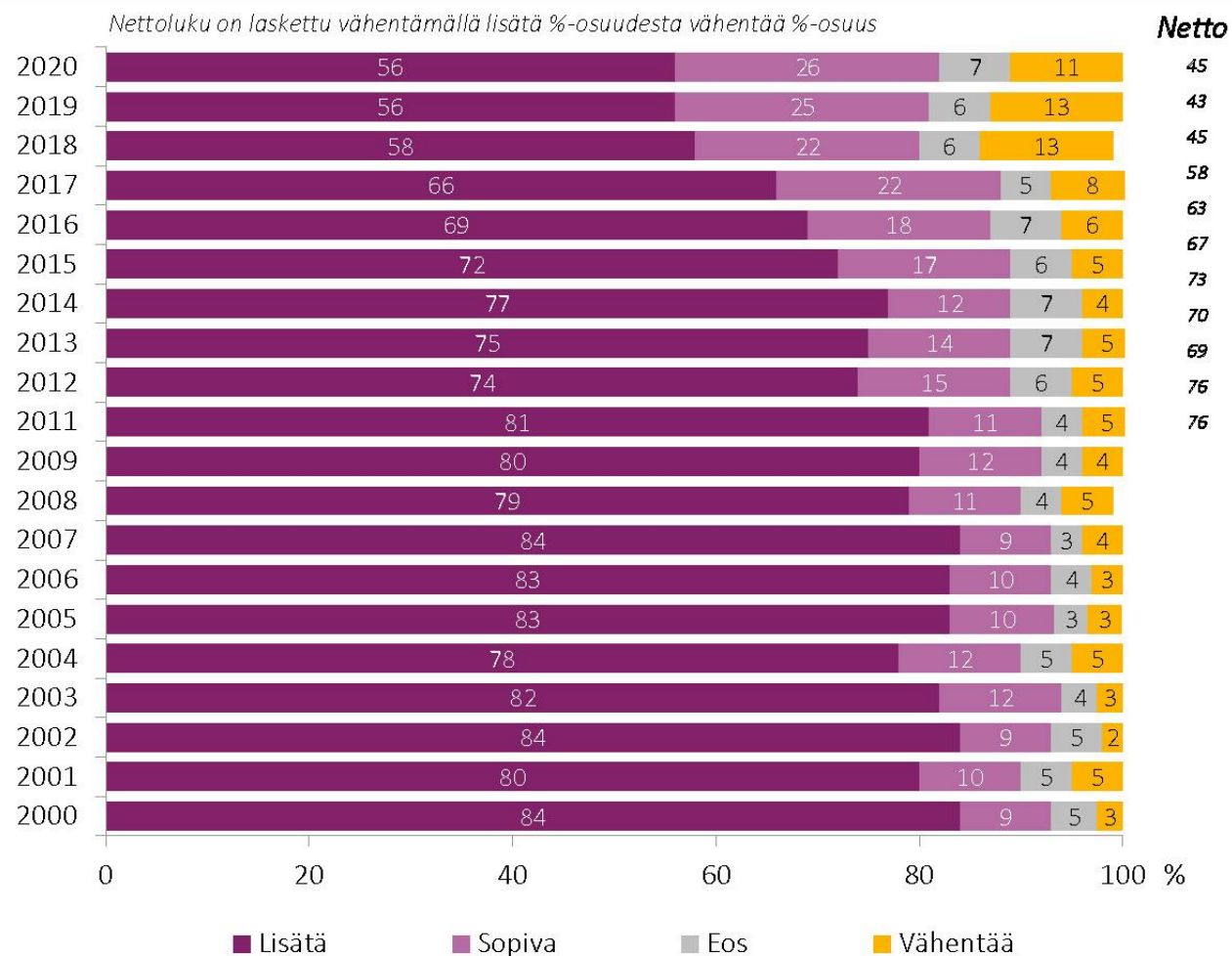
Bioenergia tieliikenteessä 2002 – 2020



Puun ja muun bioenergian käyttöä pitäisi...



Kaikki vastaajat, n=1000



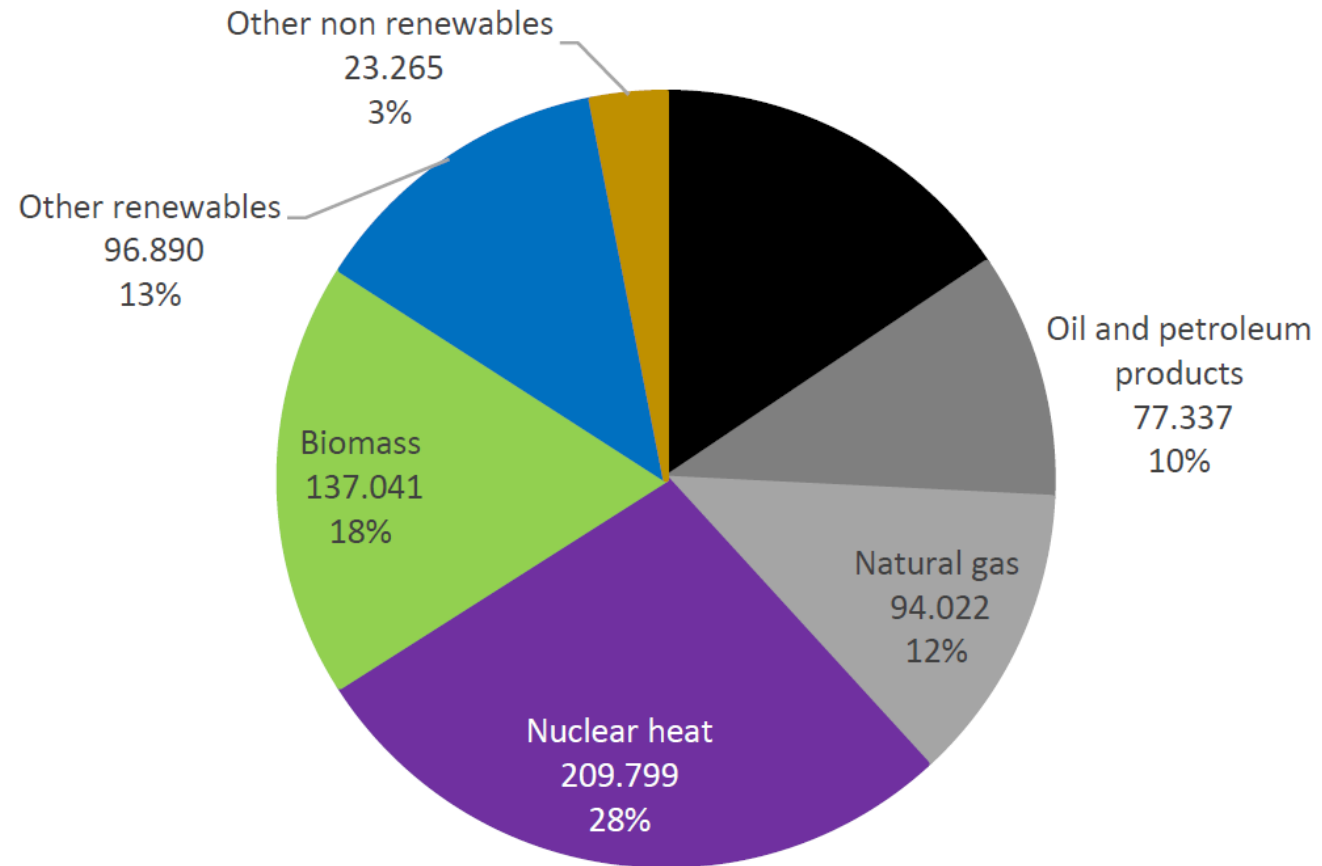


Bioenergia EU:ssa

Primärienergia EU:ssa



Figure 3 Primary energy production in EU28 in 2017 (ktoe, %)

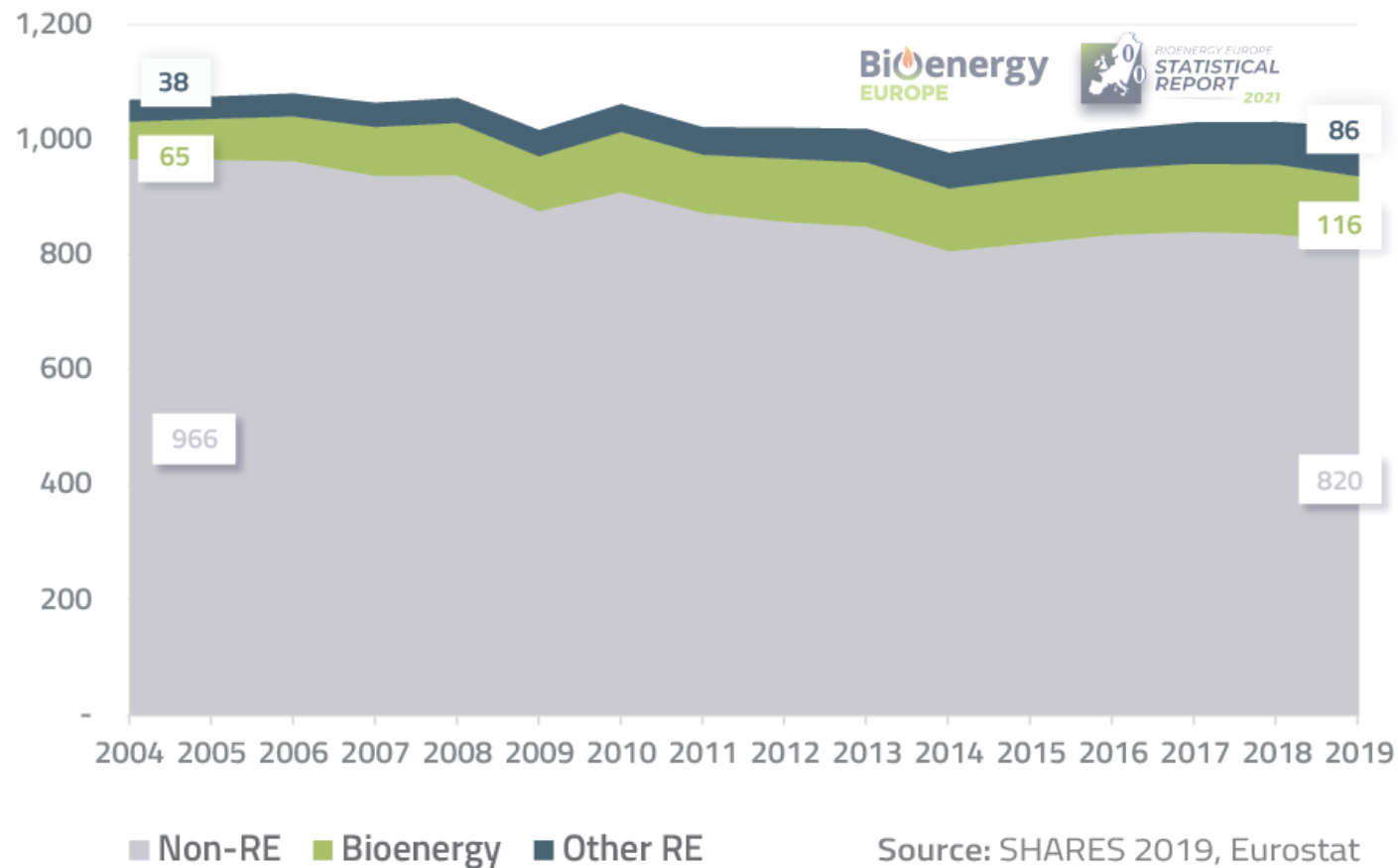


Source: Eurostat



Uusiutuvan energian kehitys EU:ssa

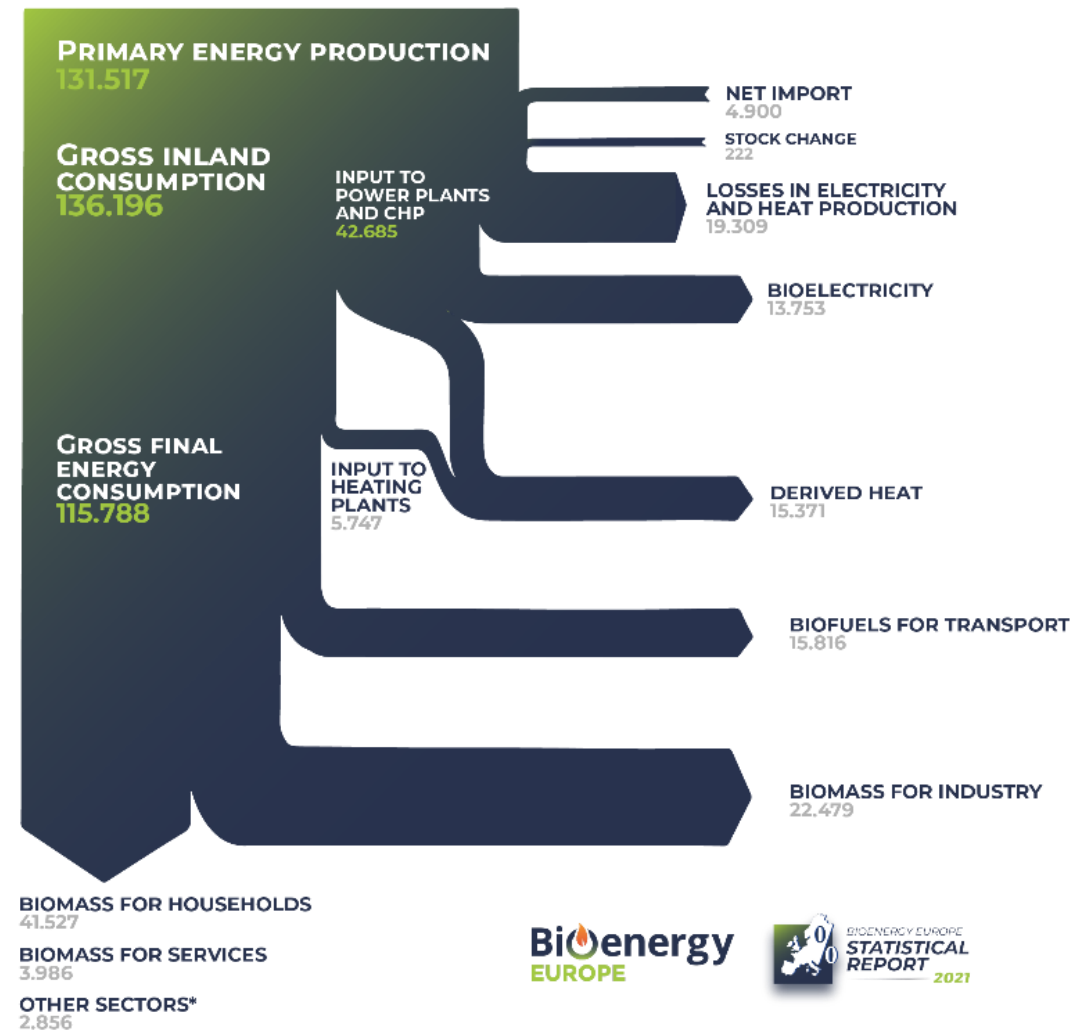
Evolution of the gross final energy consumption by fuel type in EU27 (ktoe)



Bioenergia EU:ssa 2019



BIOENERGY USE IN EU27 IN 2019 (ktoe)



*Other sectors includes agriculture, forestry, fishing and not elsewhere specified.

Source: Eurostat, Bioenergy Europe's calculations.

Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

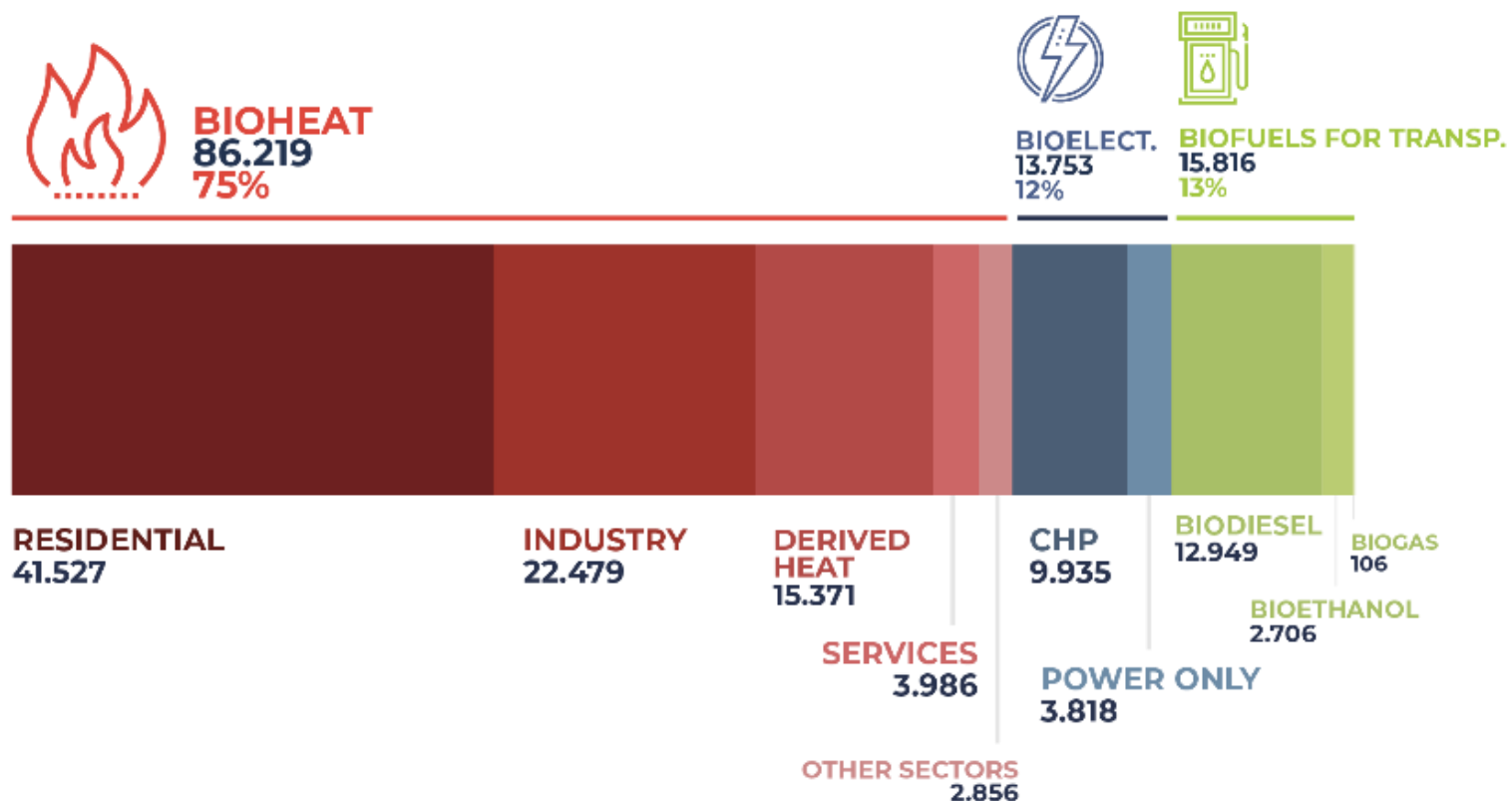
Bioenergia EU:ssa 2019



EU-27 GROSS FINAL ENERGY CONSUMPTION OF BIOENERGY PER MARKET SEGMENT

(in 2019, ktoe, %) Source: Eurostat, Bioenergy Europe's Calculations

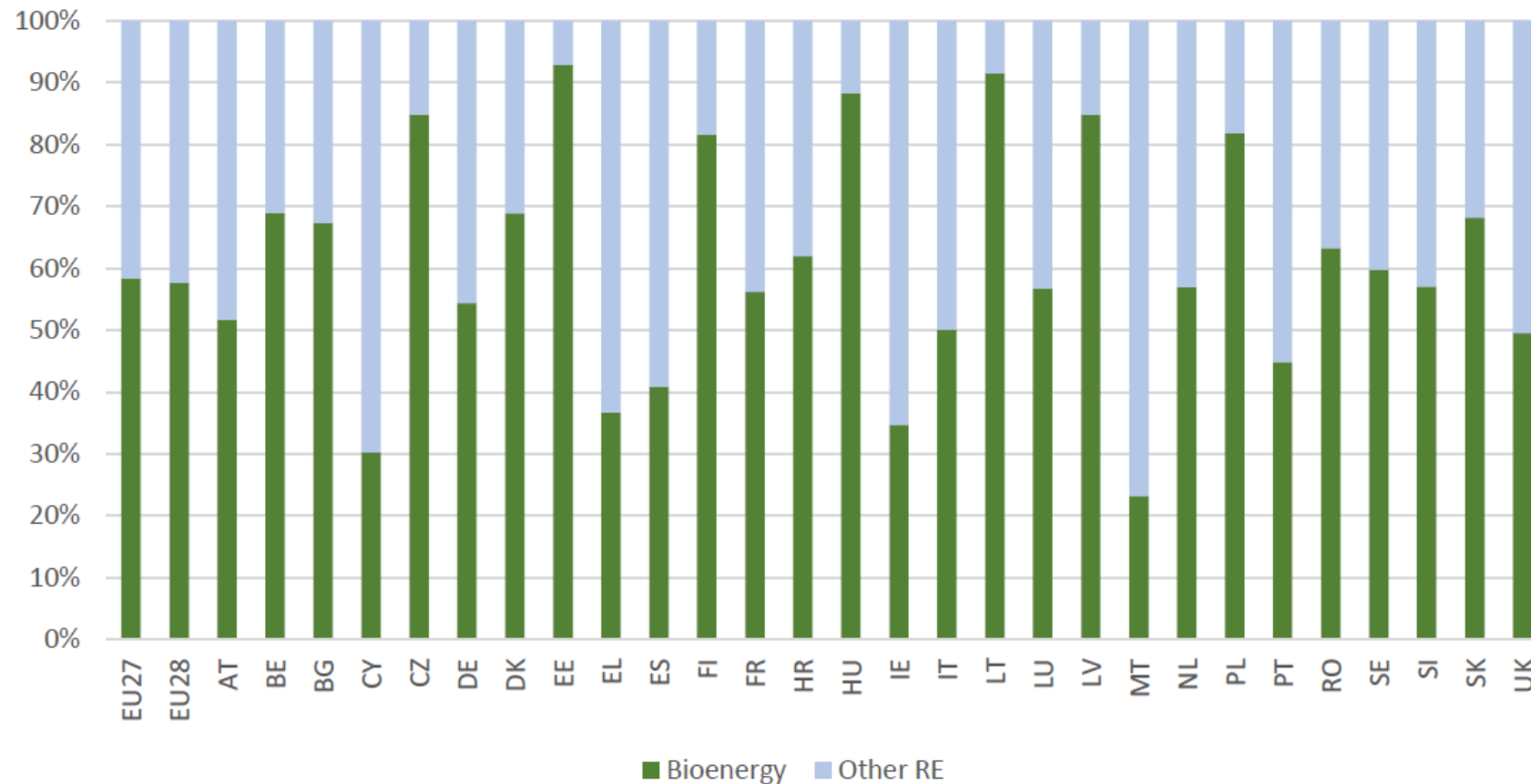
Bioenergy
EUROPE



Bioenergia EU:n jäsenmaissa 2018



Figure 18 Contribution of biomass to the final renewable energy consumption in 2018 in EU28 Member States (%)

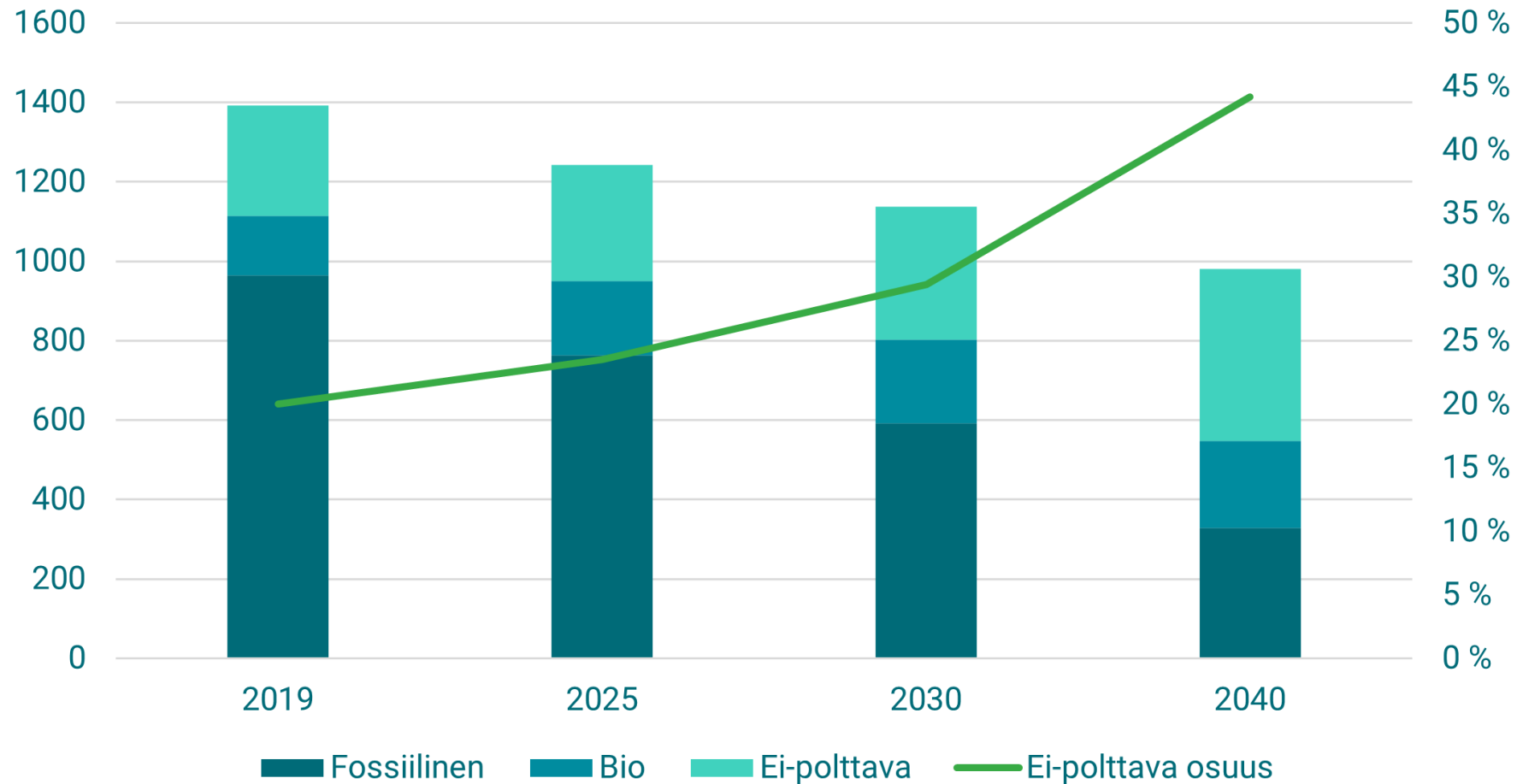


Source: Eurostat, Bioenergy Europe calculations

Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape



Bioenergian kehitysnäkymä EU:ssa, Kestävä kehitys





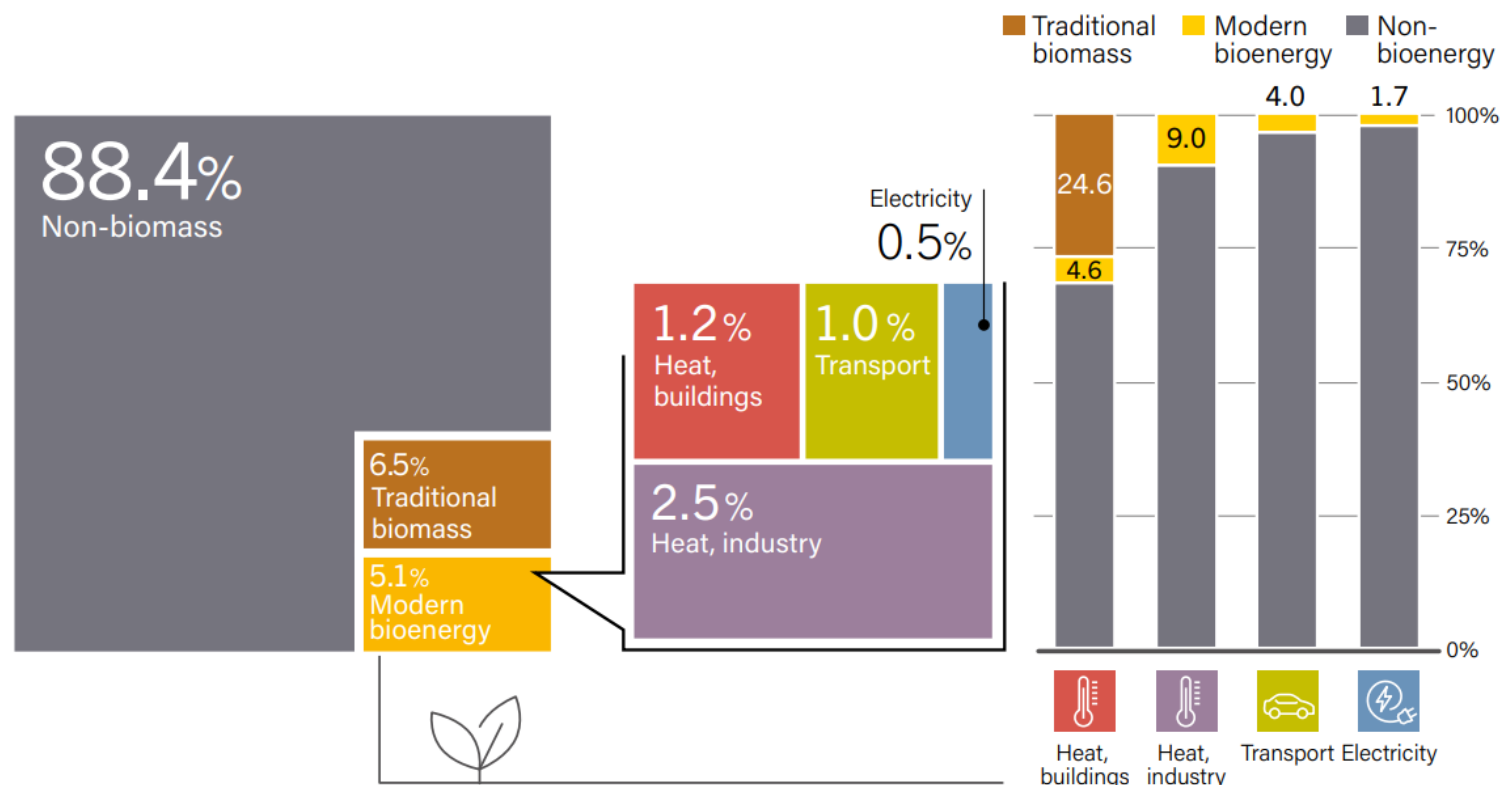
Bioenergia maailmassa

Bioenergialla suuri rooli lämmöntuotannossa



FIGURE 17.

Estimated Shares of Bioenergy in Total Final Energy Consumption, Overall and by End-Use Sector, 2019



Note: Data should not be compared with previous years because of revisions due to improved or adjusted data or methodology. Totals may not add up due to rounding. Buildings and industry categories include bioenergy supplied by district energy networks.

Source: Based on IEA. See endnote 5 for this section.

Rooli sähkötuotannossa pienempi

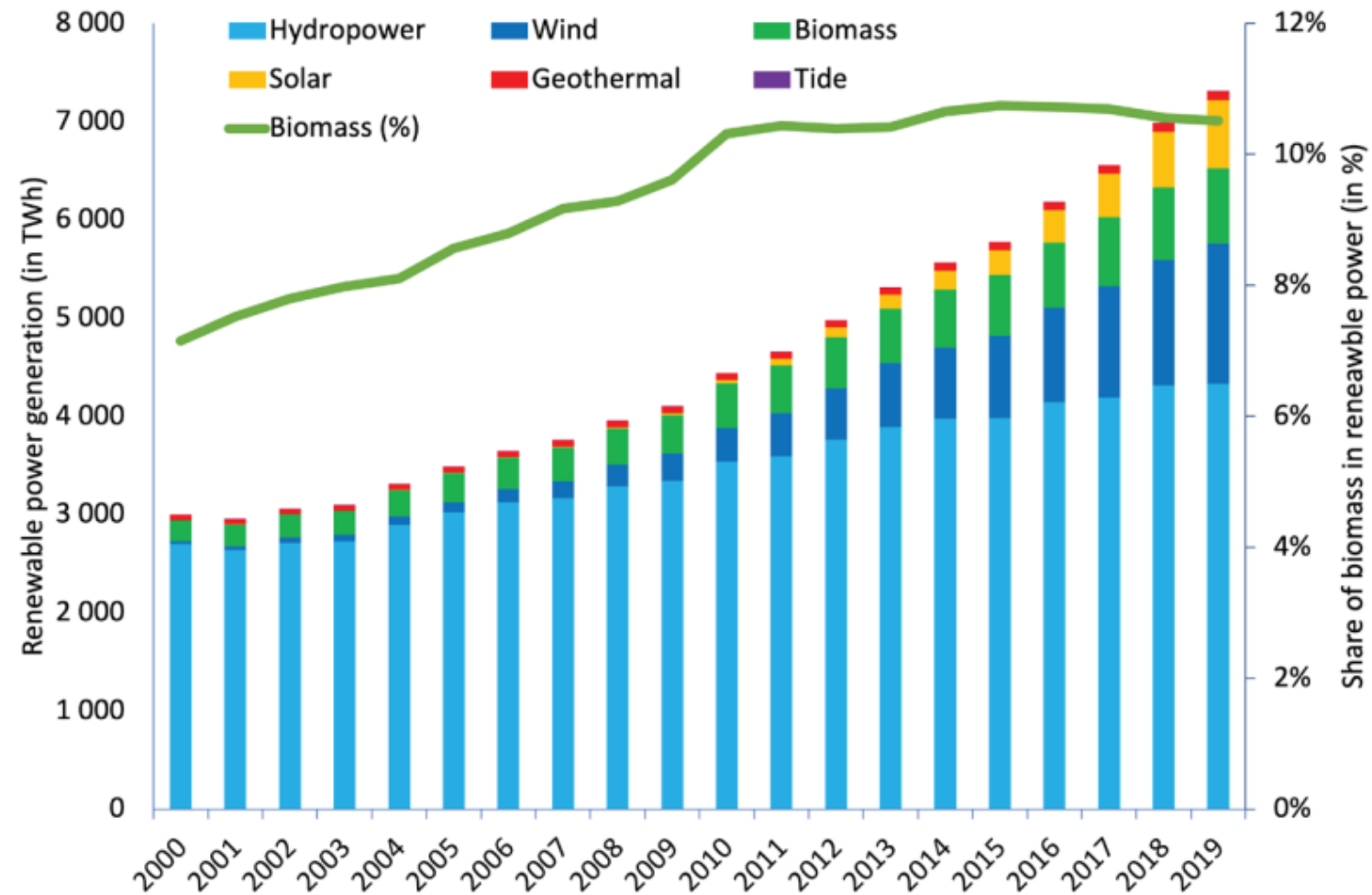


Figure 15 Renewable electricity generation

Energiantuotanto eri puolilla maailmaa

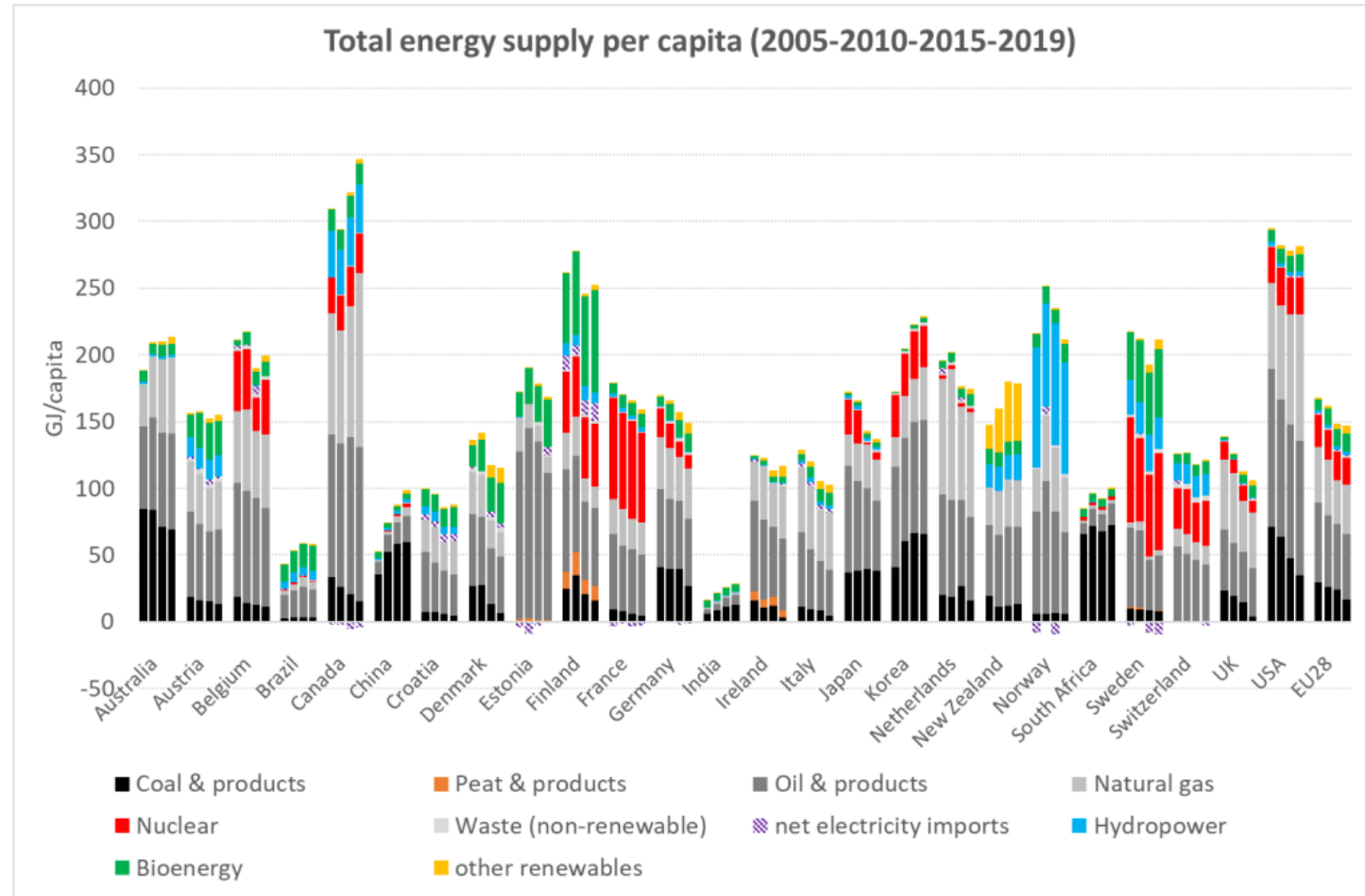


Figure 3: evolution of total energy supply per capita in the IEA Bioenergy member countries (Data source: IEA (2021) World Energy Balances and Renewables Information)

Bioenergia ja muu uusiutuva energia eri puolilla maailmaa

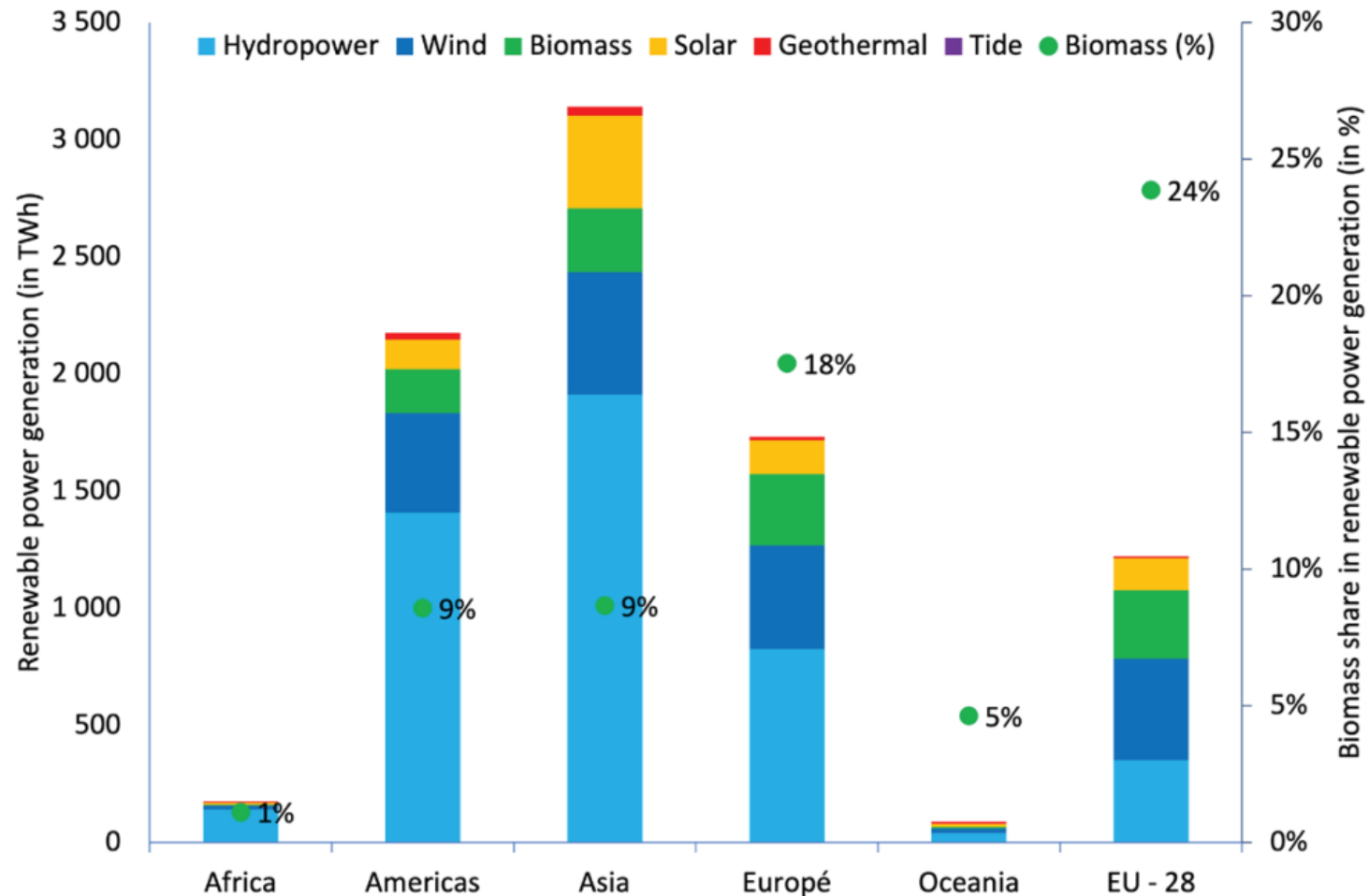
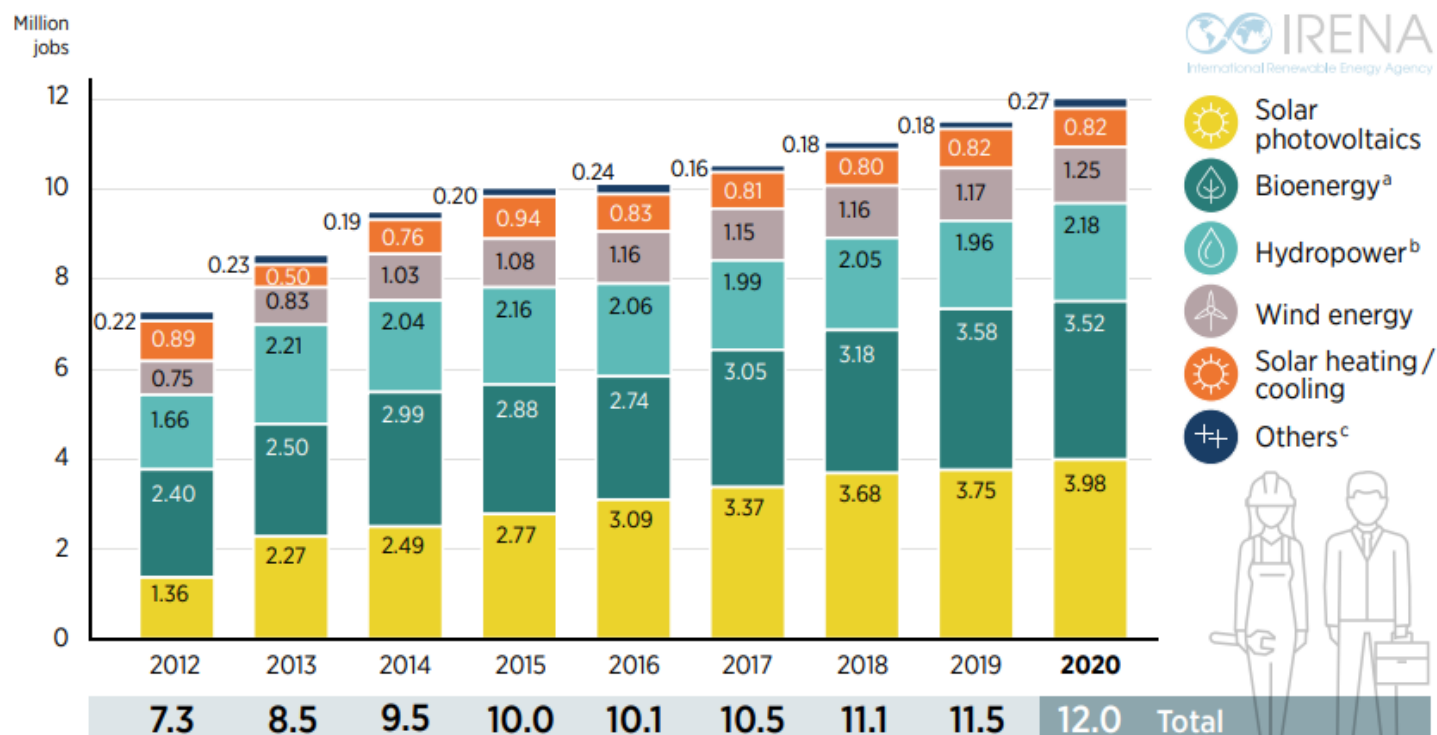


Figure 17 Renewable power generation in continents in 2019

Uusiutuvan energian työpaikat



Figure 1. Global renewable energy employment by technology, 2012-20



Source: IRENA jobs database.

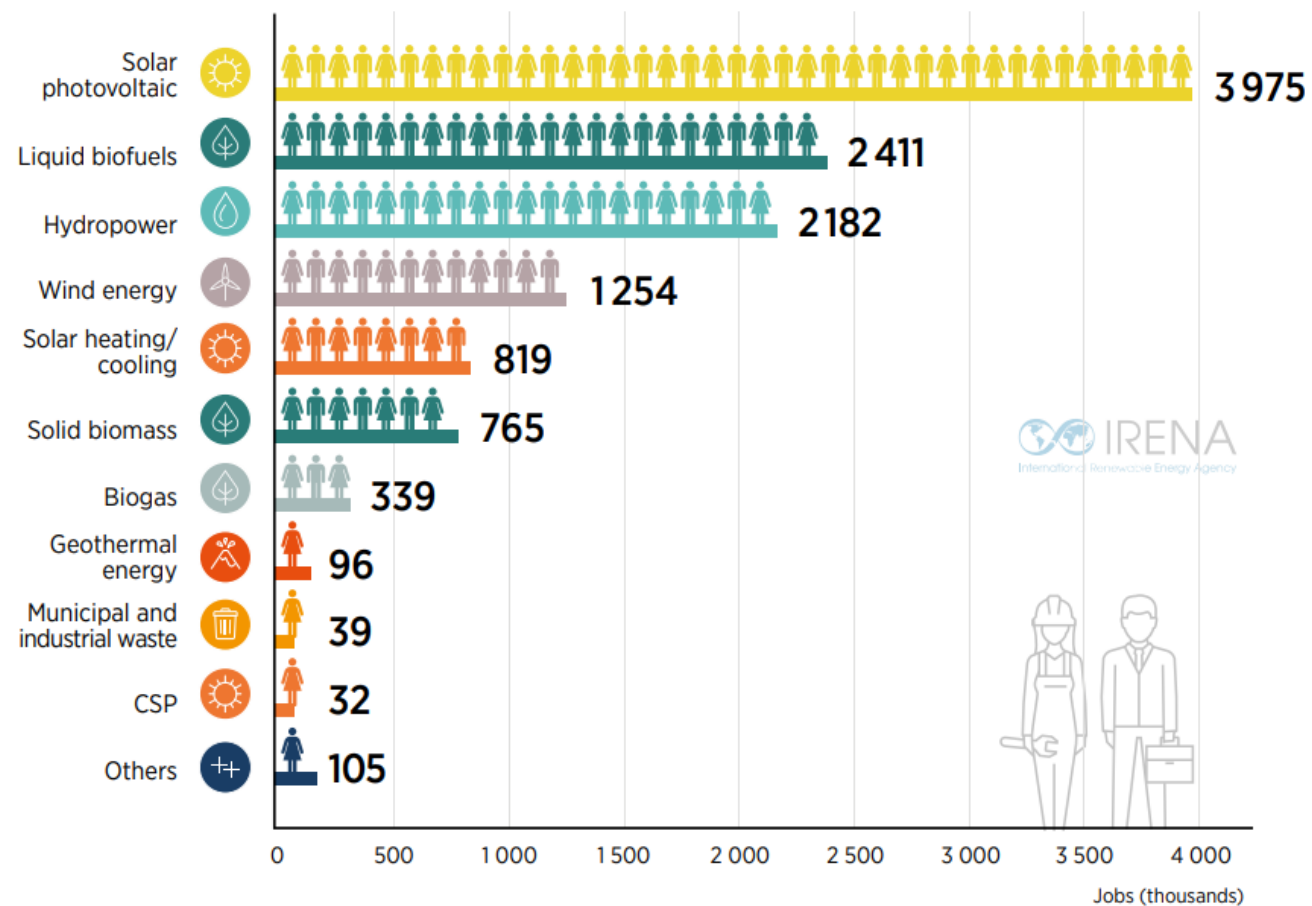
1 Data are principally for 2019–20, with dates varying by country and technology, including some instances where only earlier information is available. The data for hydropower include direct employment only; the data for other technologies include both direct and indirect employment wherever possible.

2 The jobs numbers shown in Figure 1 reflect what was reported in each earlier edition of this series. IRENA does not revise estimates from previous years in light of information that may become available after publication of a particular edition.

Uusiutuvan energian työpaikat



Figure 4: Global renewable energy employment by technology



Note: CSP = Concentrated solar power. "Others" include tide, wave and ocean energy, and jobs not broken down by individual renewable energy technologies.

Source: IRENA Jobs database.

Lähde: IRENA, 2022, [Renewable Energy and Jobs, Annual Review 2021](#)

