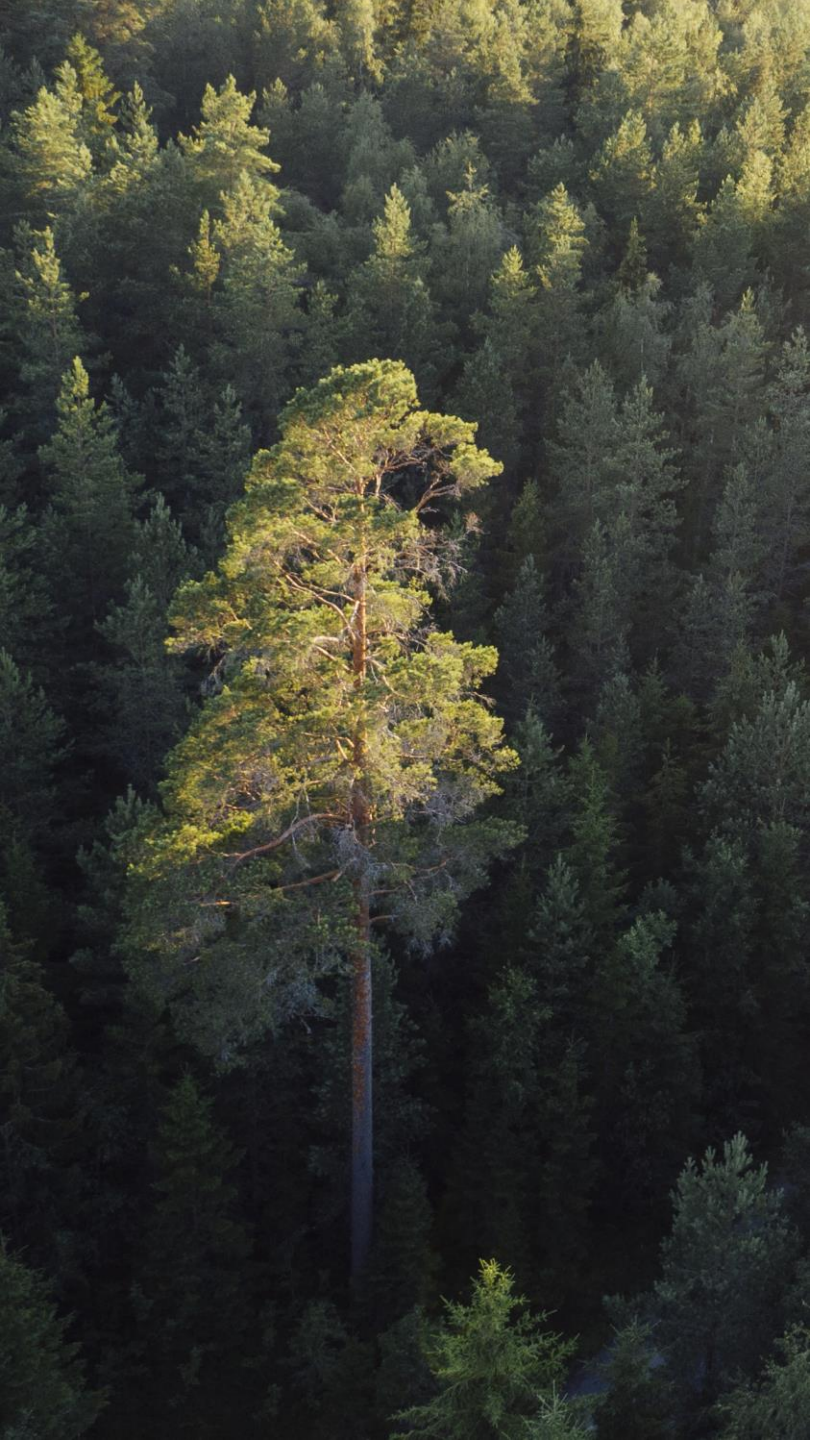
Perustietoa bioenergiasta 2022

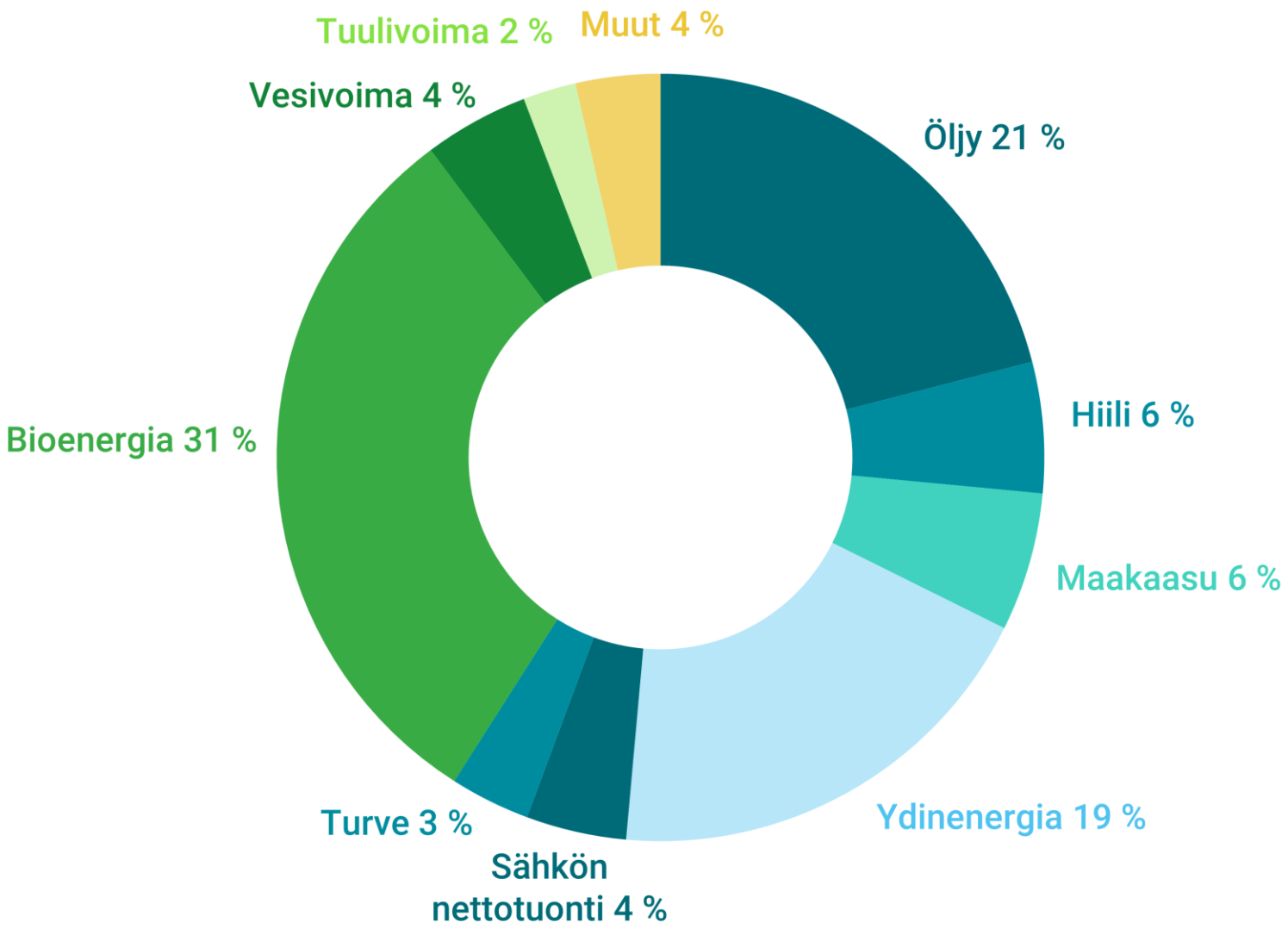
25.3.2022



Sisältö

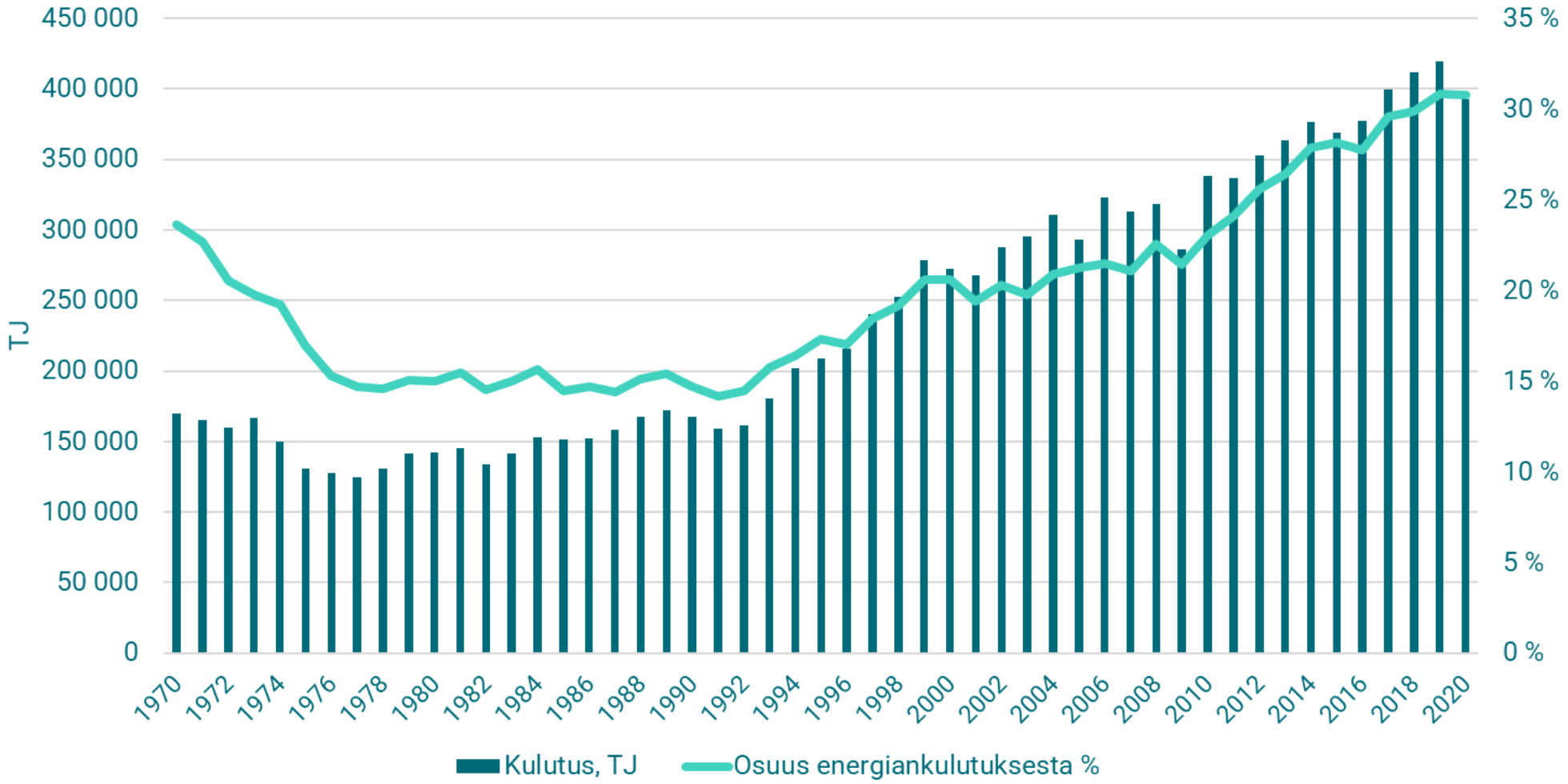
Bioenergia Suomessa

Energian kokonaiskulutus Suomessa 2020



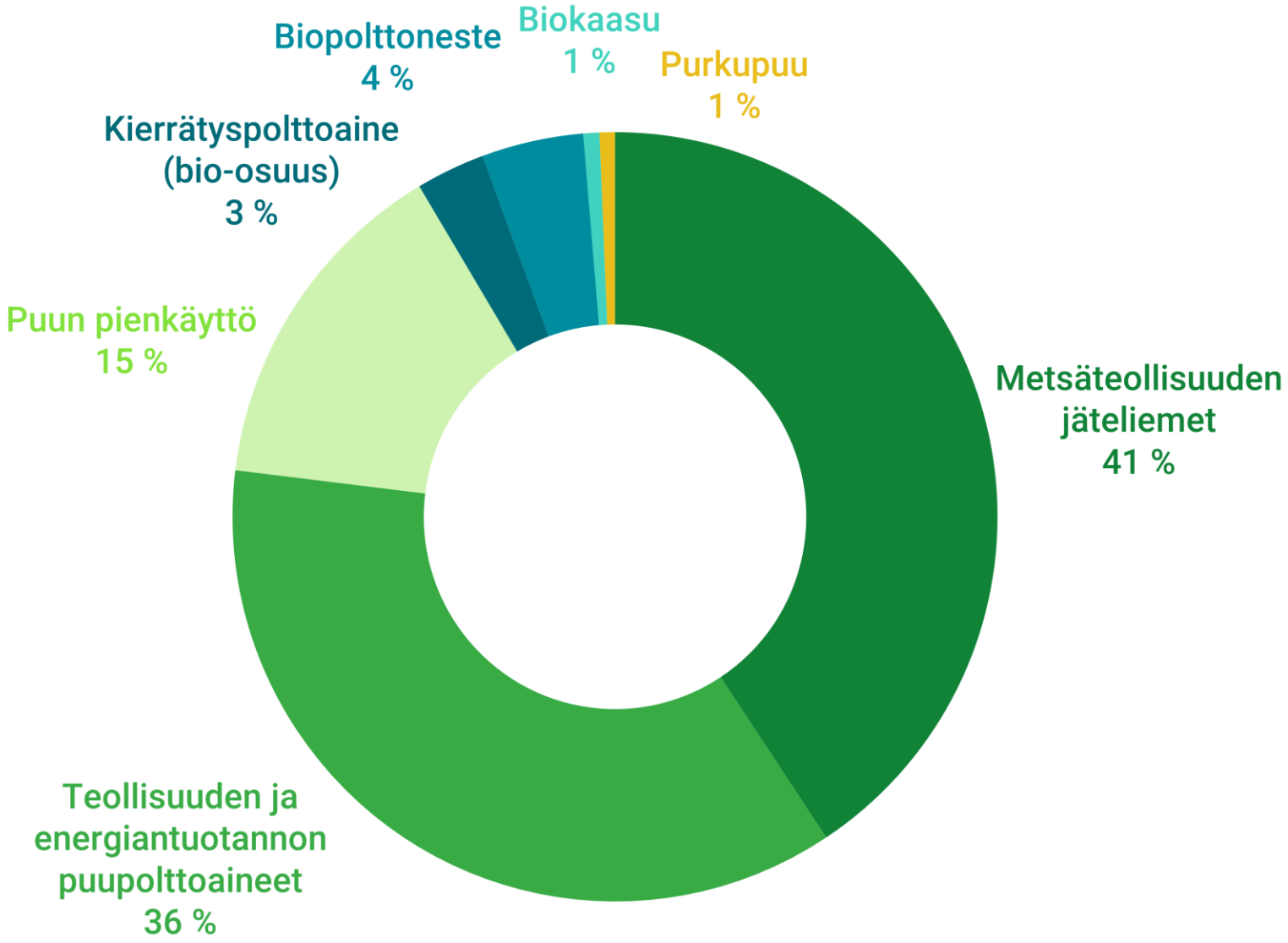
Lähde: Tilastokeskus, 2021

Bioenergia Suomessa 1970 – 2020



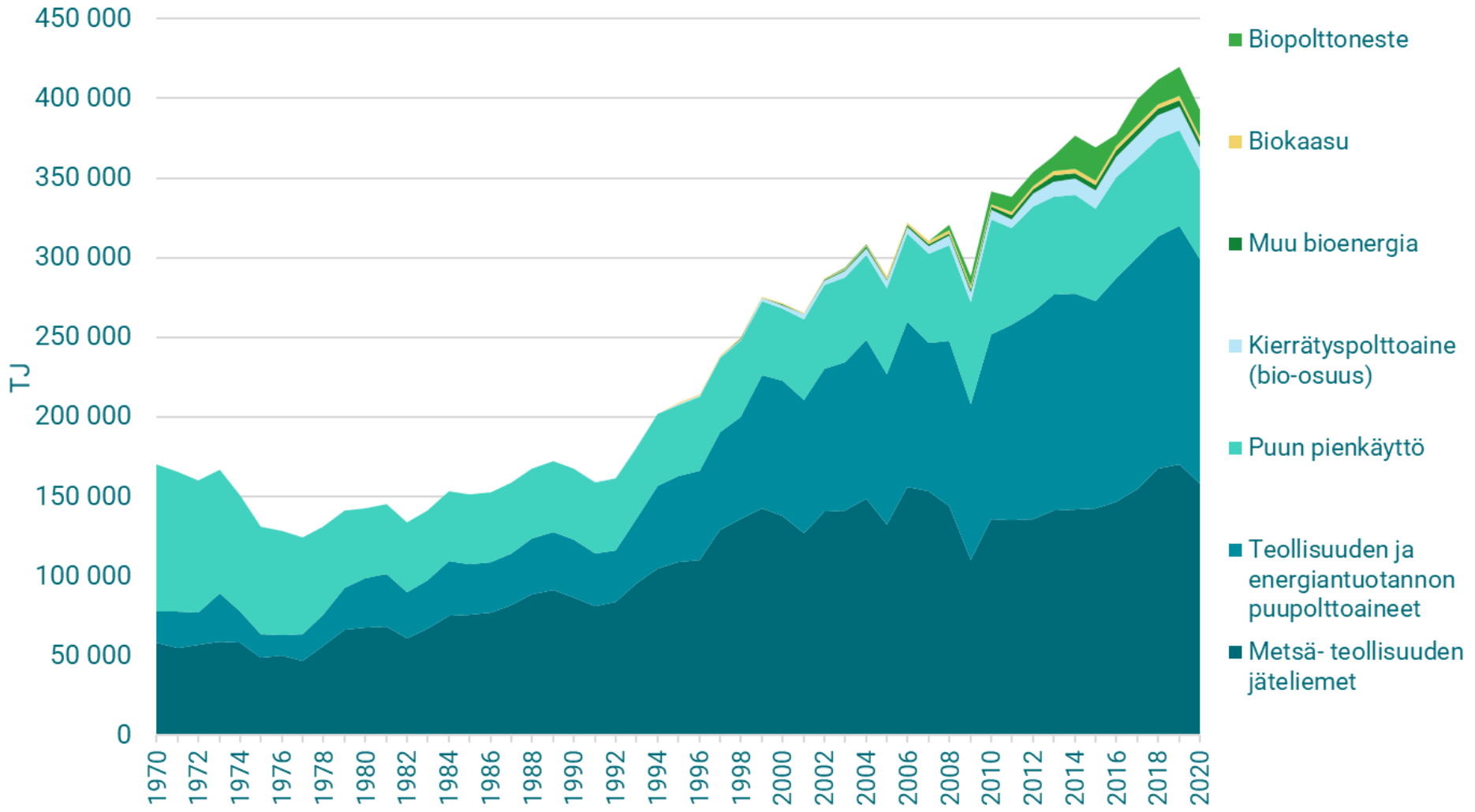
Lähde: Tilastokeskus, 2022

Bioenergia 2020



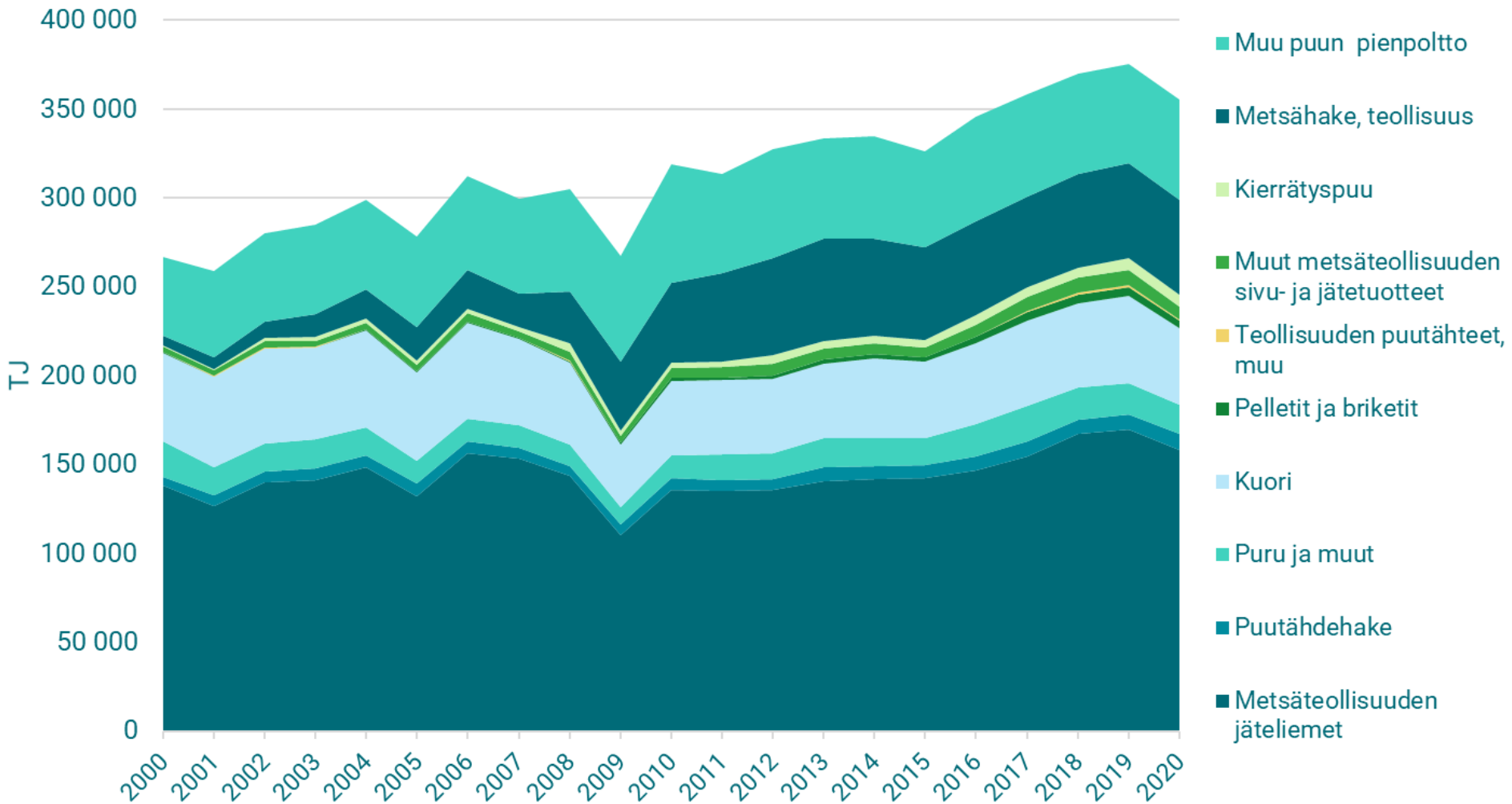
Lähde: Tilastokeskus, 2021

Bioenergia lajeittain 1970 – 2020



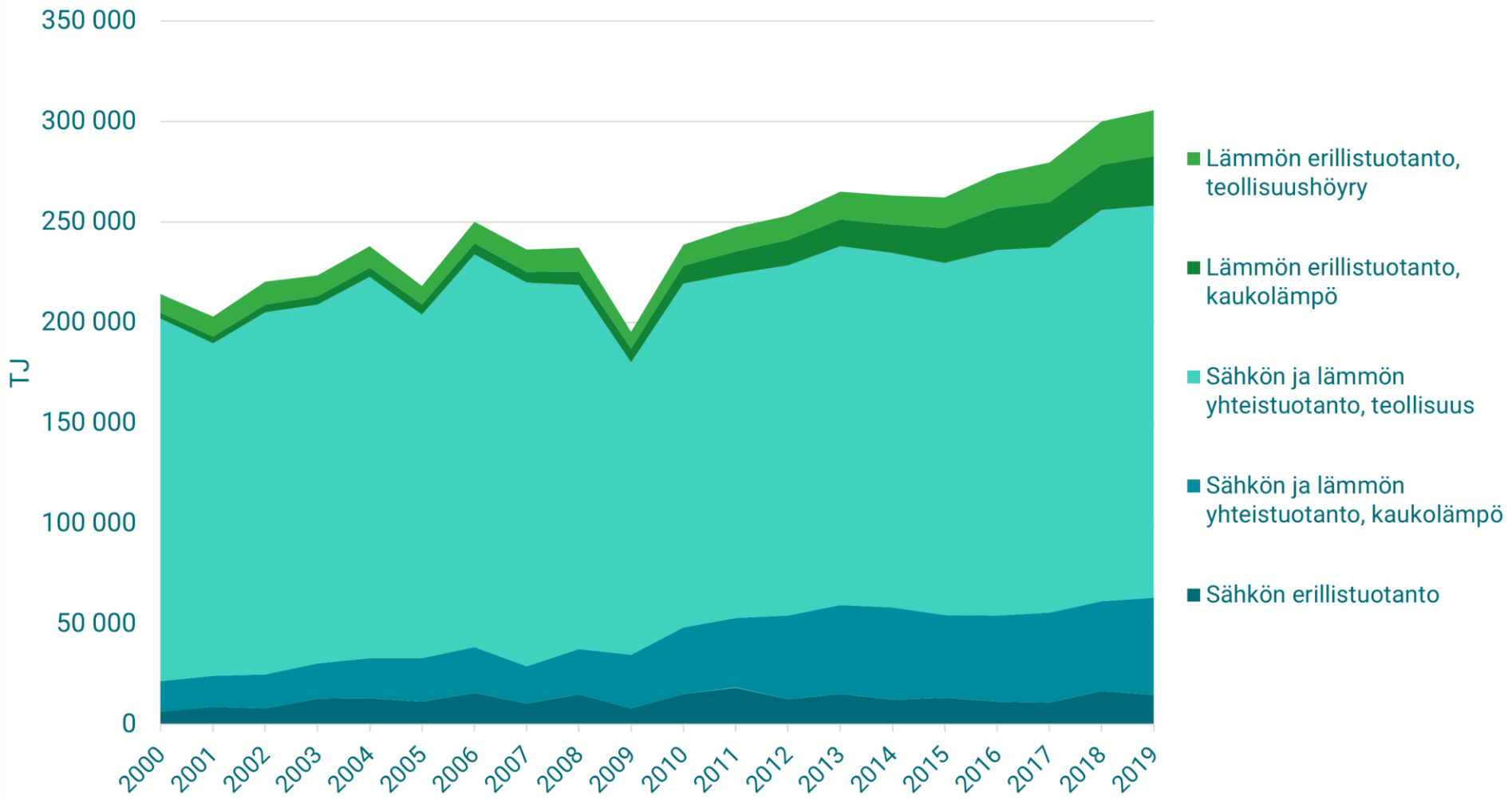
Lähde: Tilastokeskus, 2021

Puupolttoaineet lajeittain 2000 – 2020



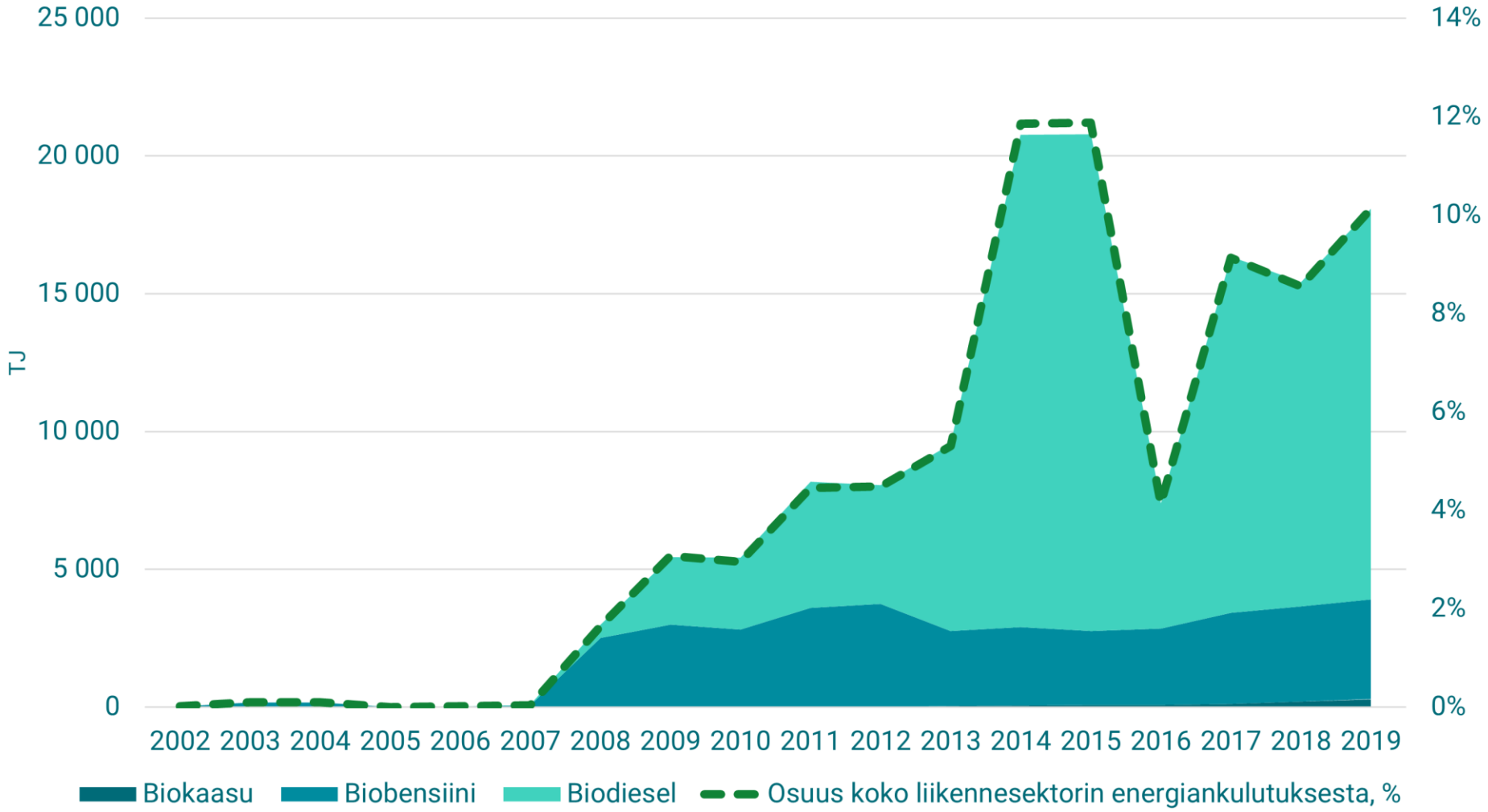
Lähde: Tilastokeskus, 2022

Puupolttoaineiden käyttö 2000 – 2019



Lähde: Tilastokeskus, 2021

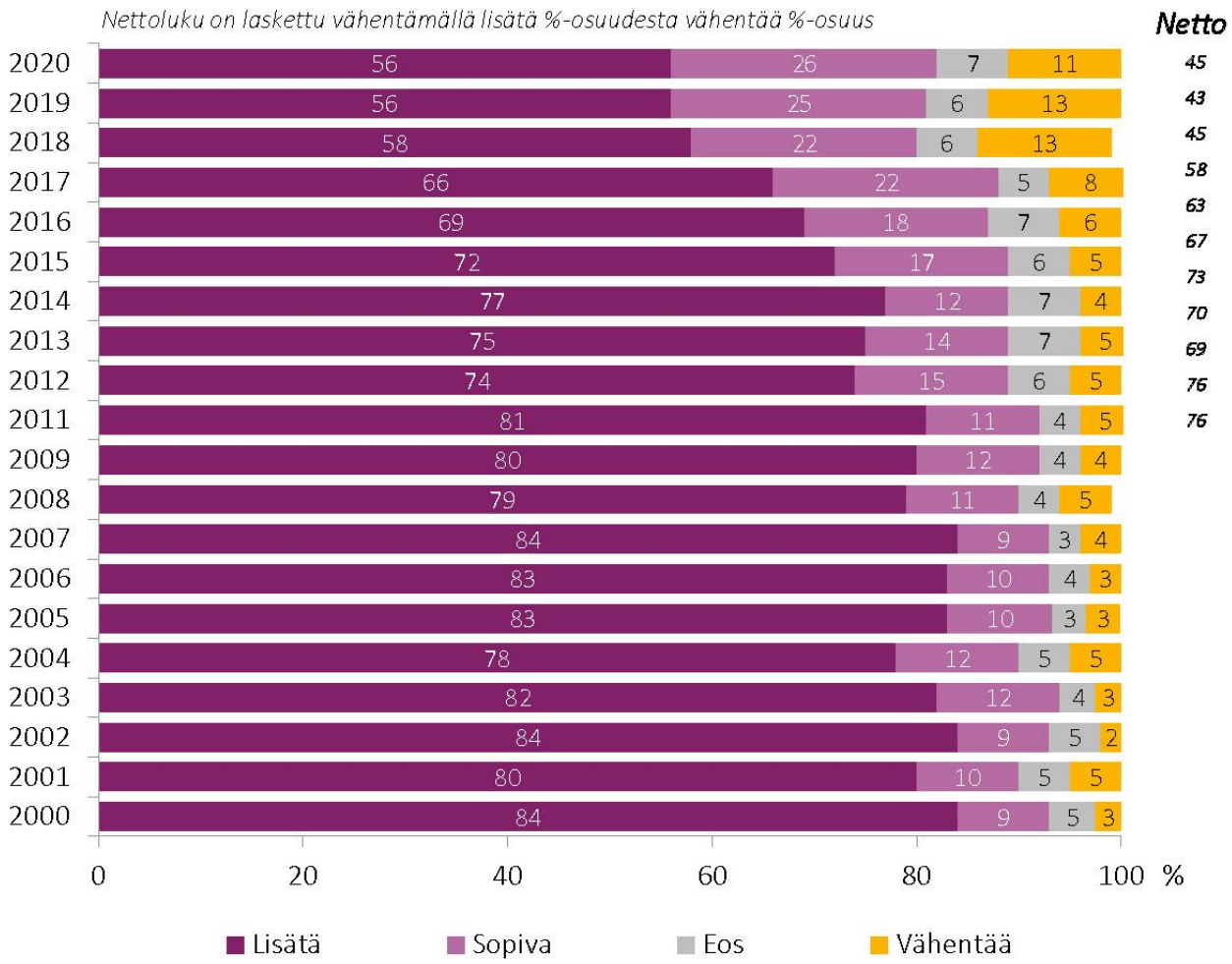
Bioenergia tieliikenteessä 2002 – 2019



Lähde: Tilastokeskus, 2021

Puun ja muun bioenergian käyttöä pitäisi…

Kaikki vastaajat, n=1000



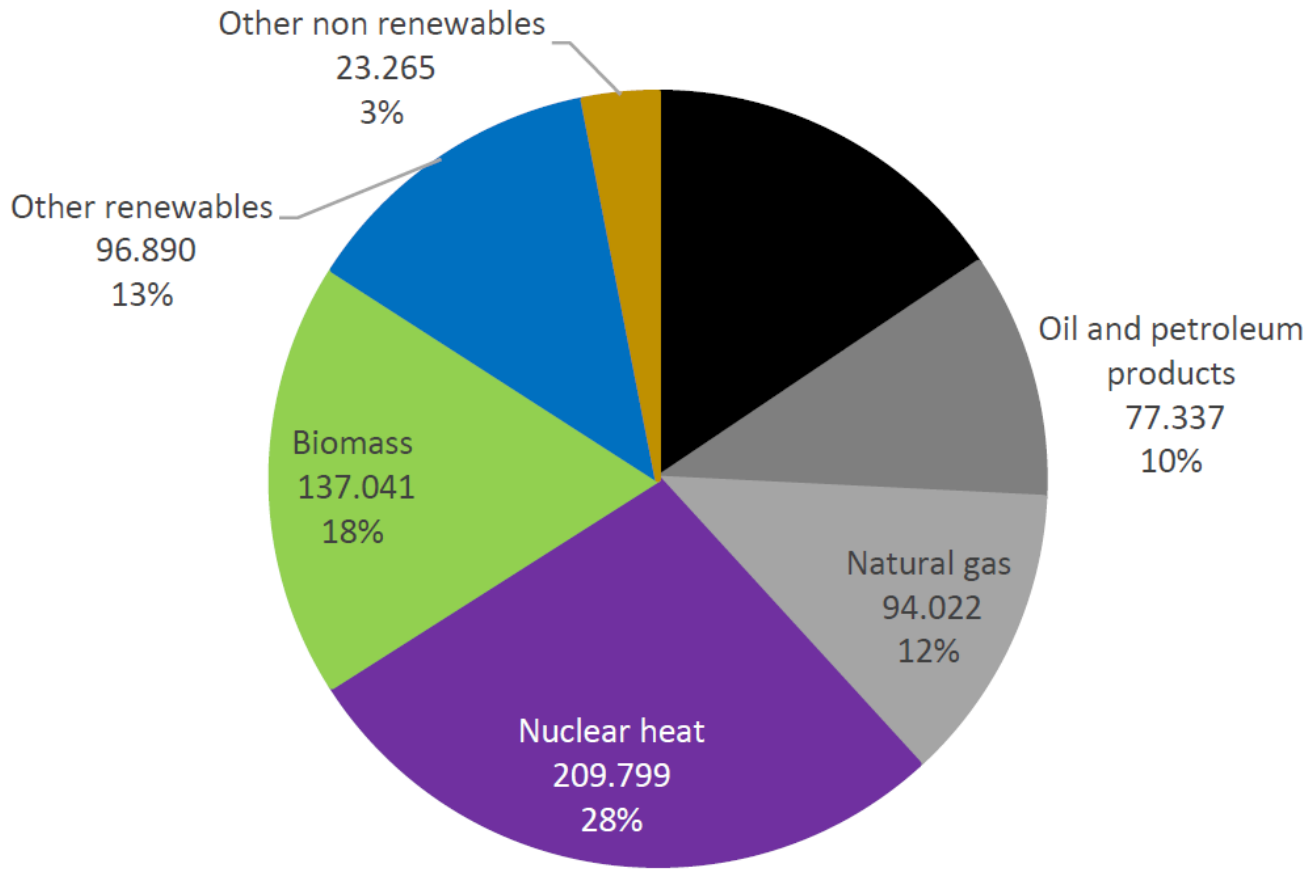
Energiateollisuus

Lähde: Energiateollisuus ry, 2021, Suomalaisten energia-asenteet 2020

Bioenergia EU:ssa

Primäärienergia EU:ssa

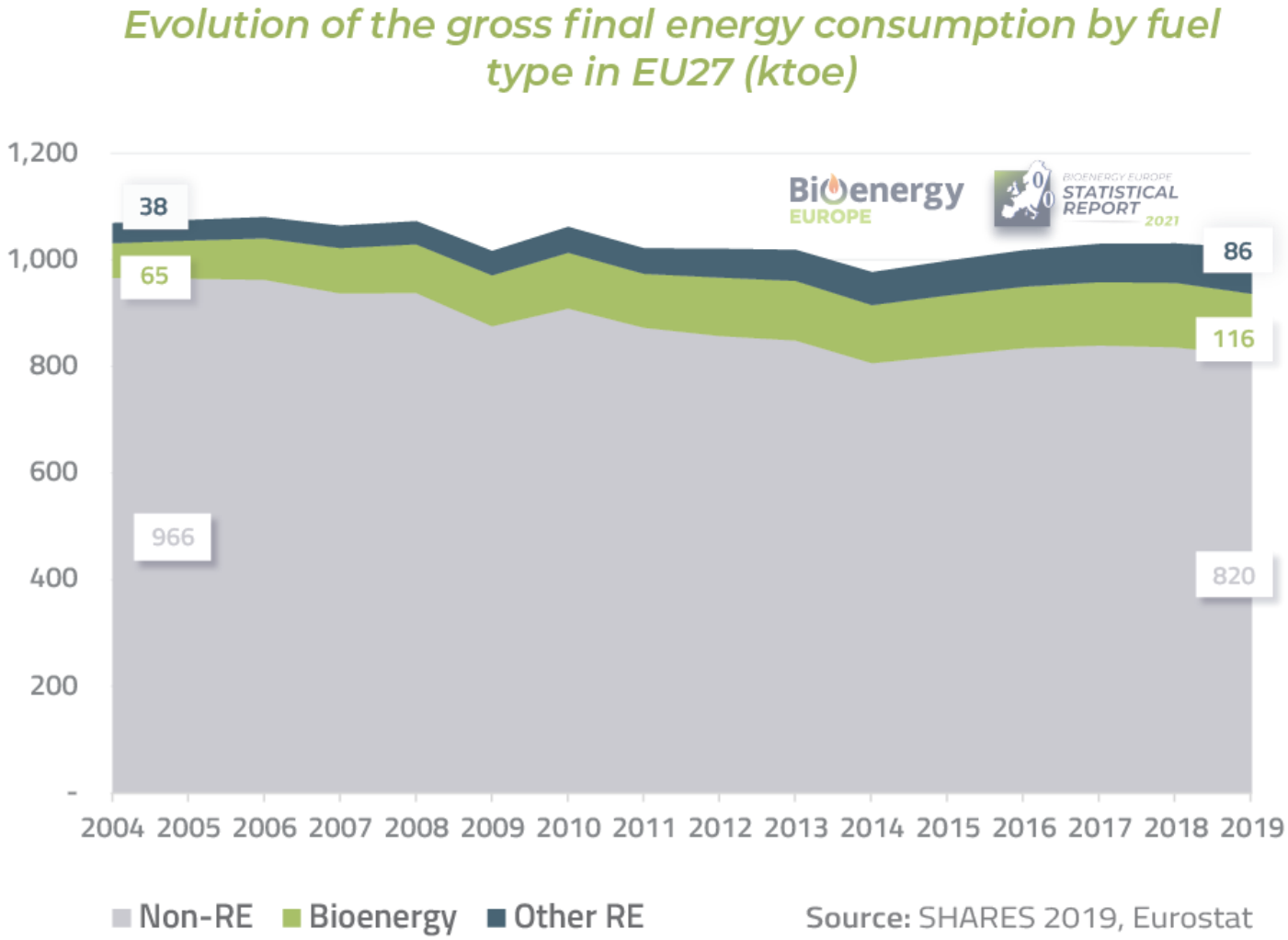
Figure 3 Primary energy production in EU28 in 2017 (ktoe, %)



Source: Eurostat

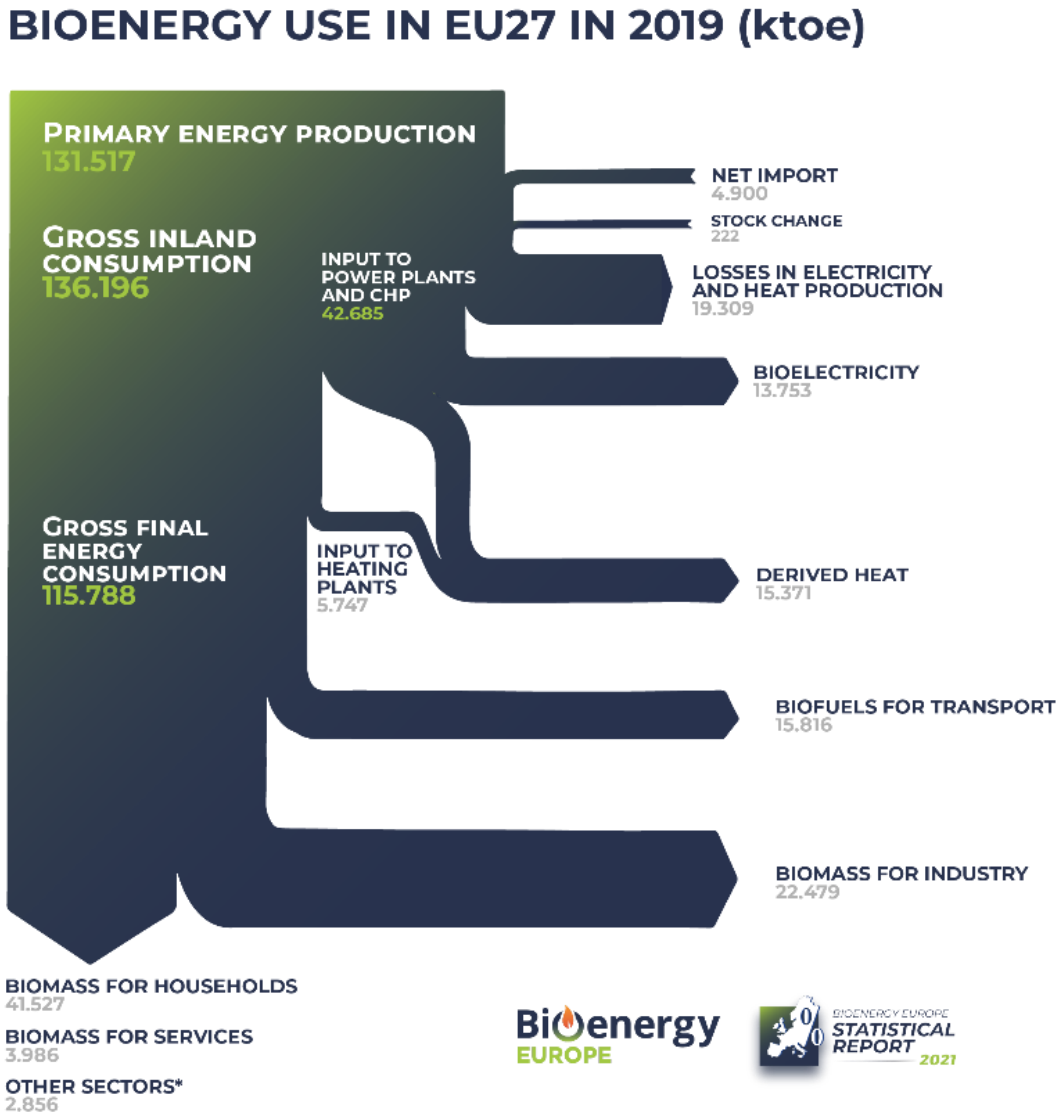
Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

Uusiutuvan energian kehitys EU:ssa



Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

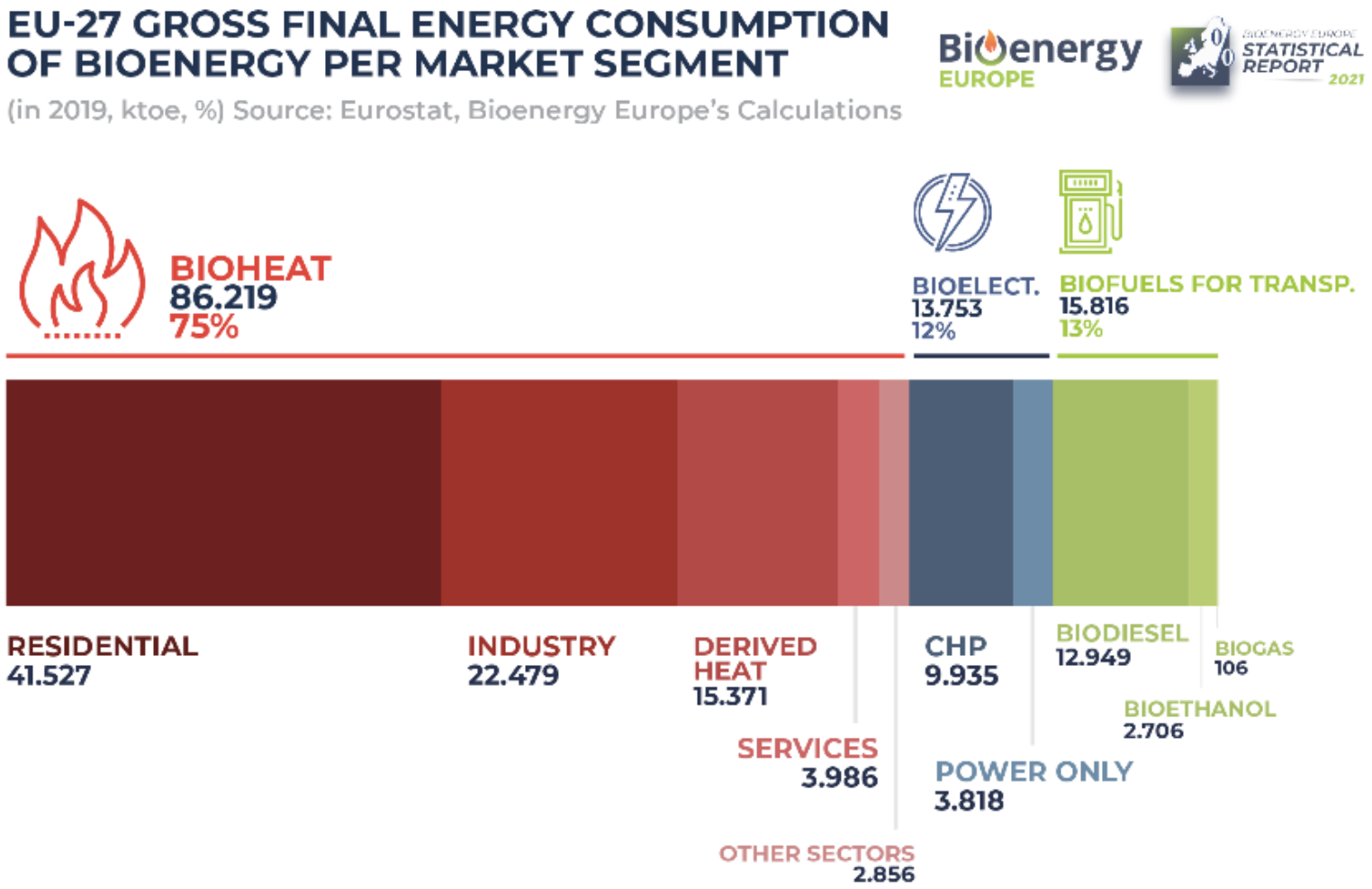
Bioenergia EU:ssa 2019



*Other sectors includes agriculture, forestry, fishing and not elsewhere specified.
Source: Eurostat, Bioenergy Europe's calculations.

Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

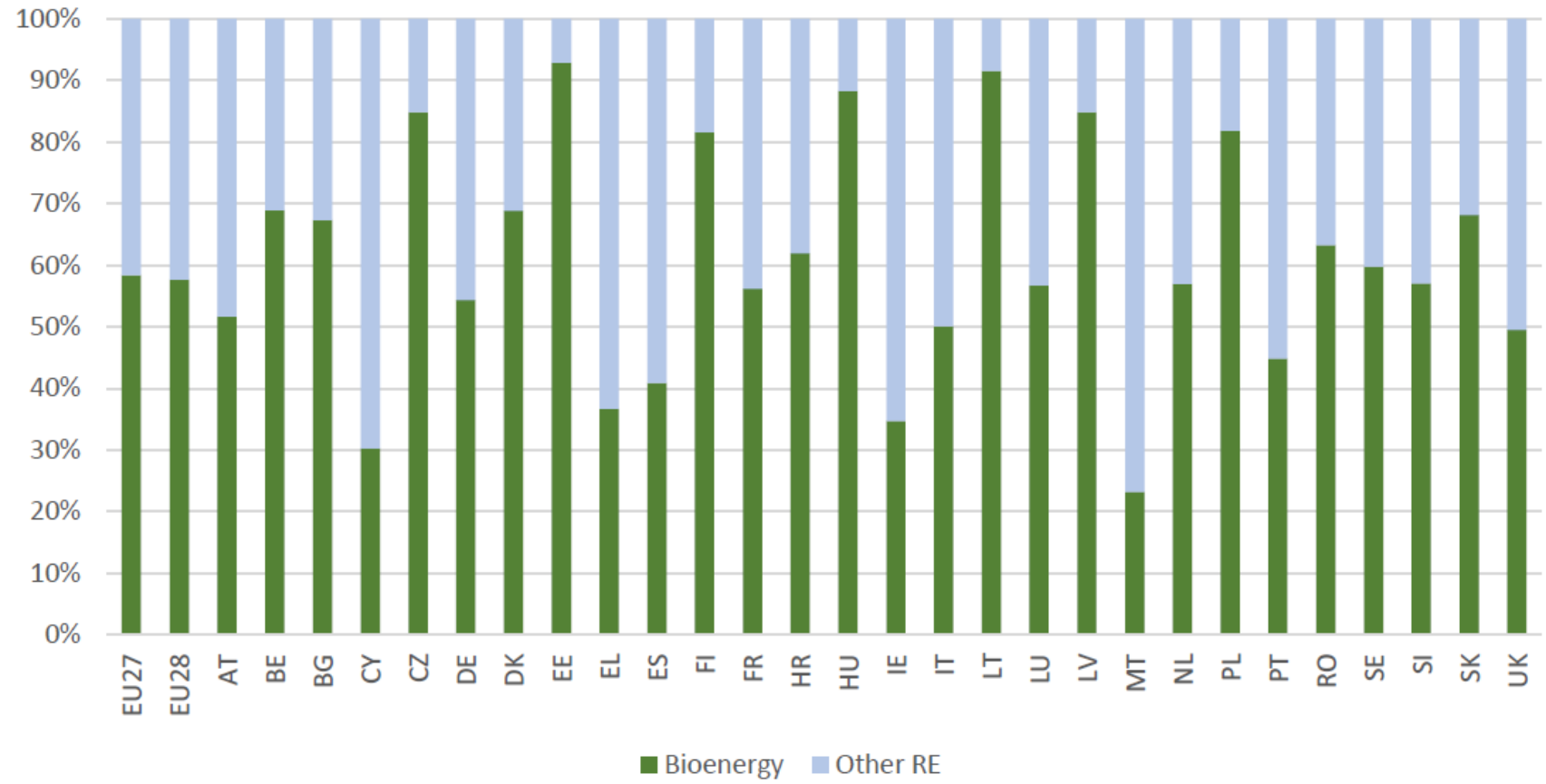
Bioenergia EU:ssa 2019



Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

Bioenergia EU:n jäsenmaissa 2018

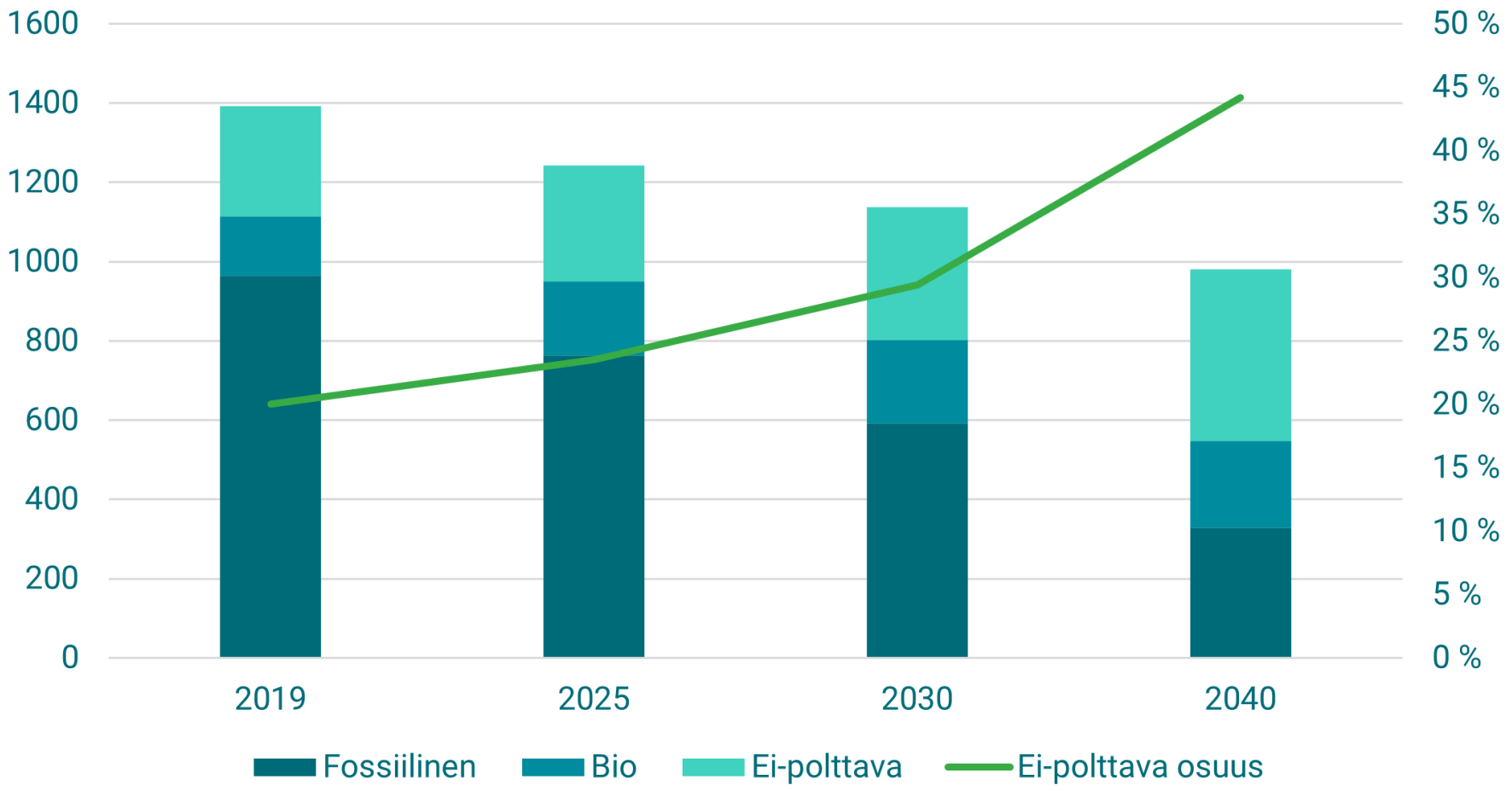
Figure 18 Contribution of biomass to the final renewable energy consumption in 2018 in EU28 Member States (%)



Source: Eurostat, Bioenergy Europe calculations

Lähde: Bioenergy Europe, 2021, Report Bioenergy Landscape

Bioenergian kehitysnäkymä EU:ssa, Kestävä kehitys

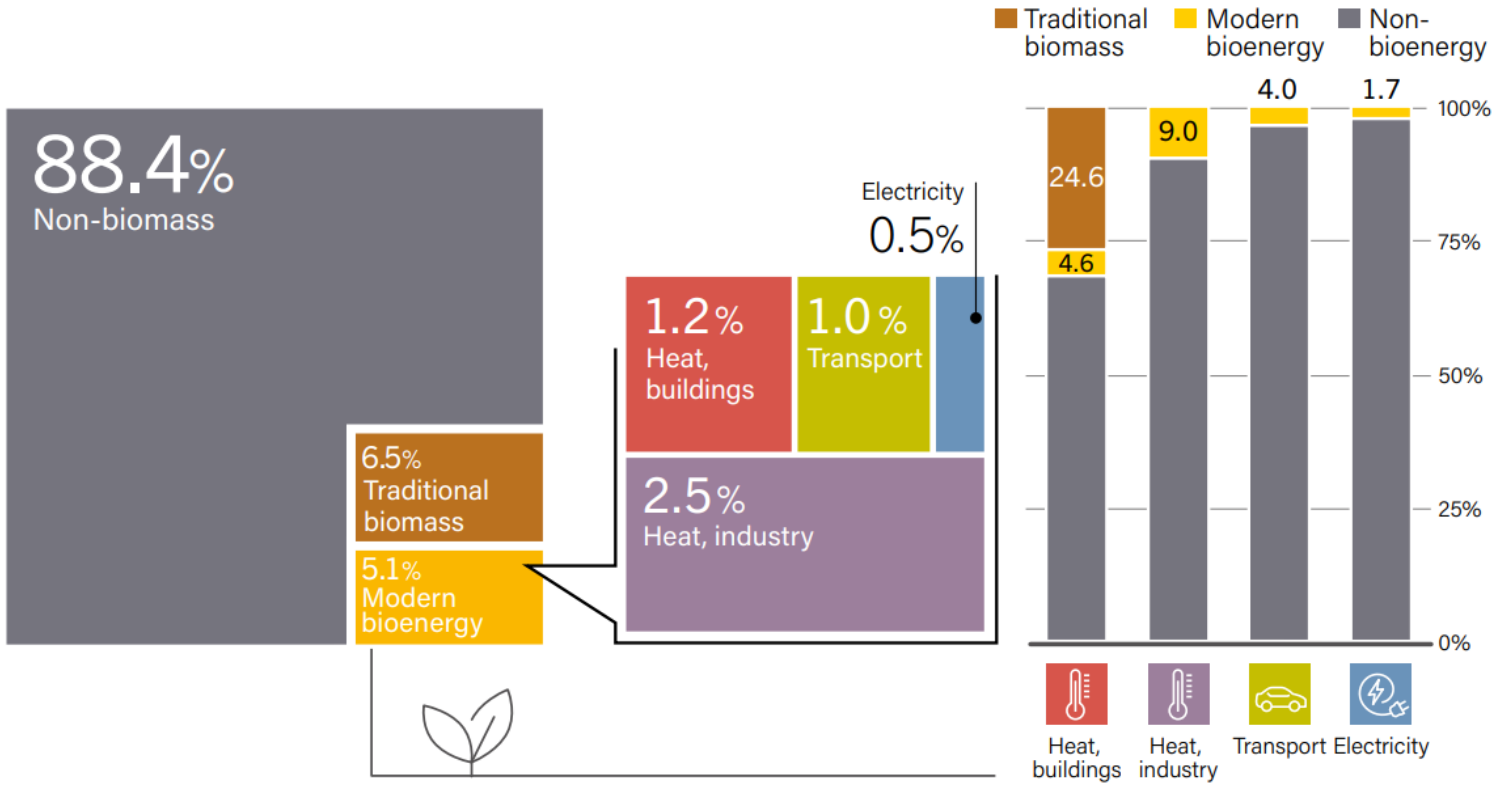


Lähde: IEA, World Energy Outlook, 2020

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.

Lähde: REN21, 2022, the Renewables 2021 Global Status Report (GSR)

Rooli sähköntuotannossa pienempi

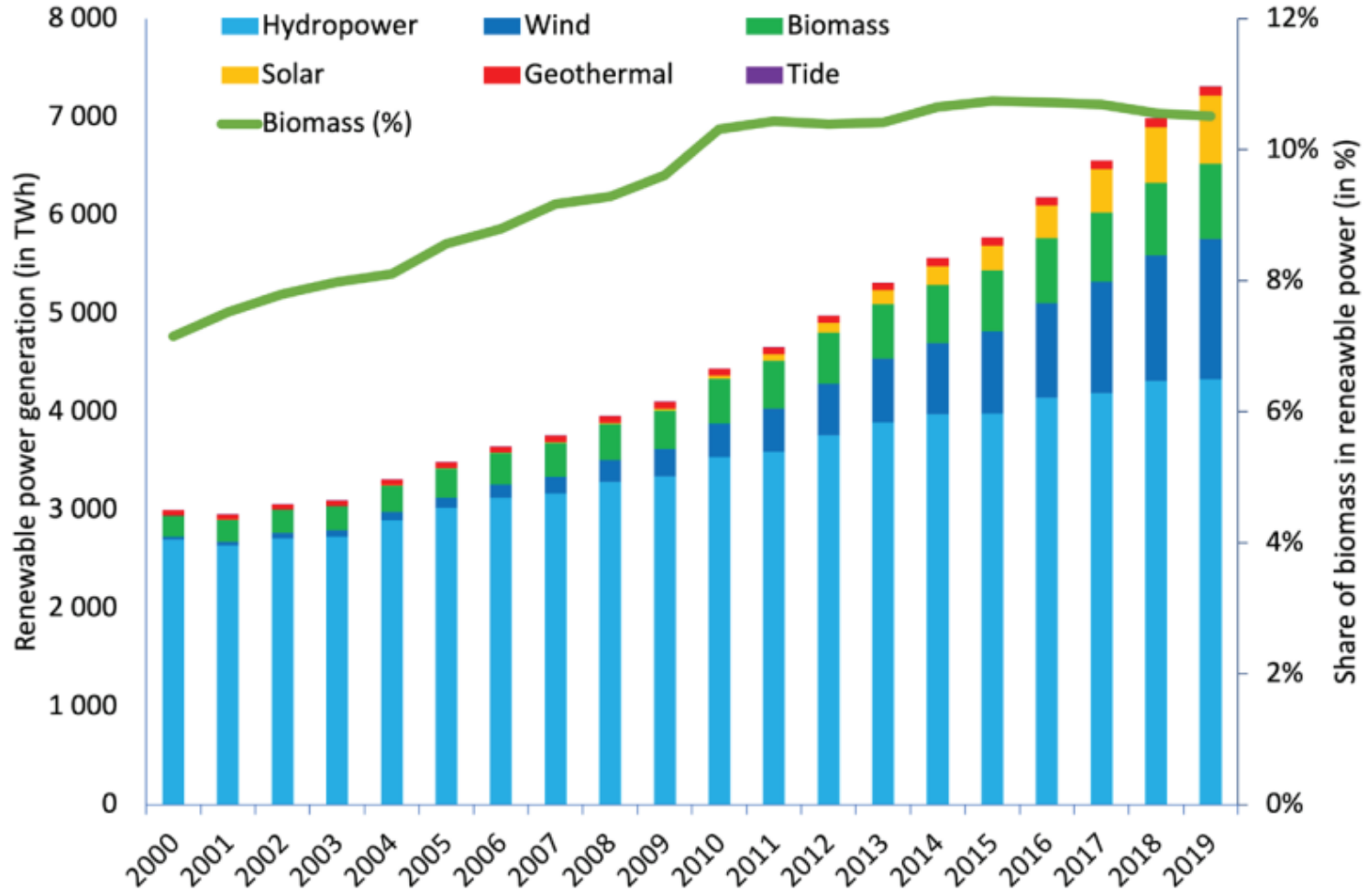


Figure 15 Renewable electricity generation

Lähde: WBA, 2022, Global Bioenergy Statistics 2021

Energiantuotanto eri puolilla maailmaa

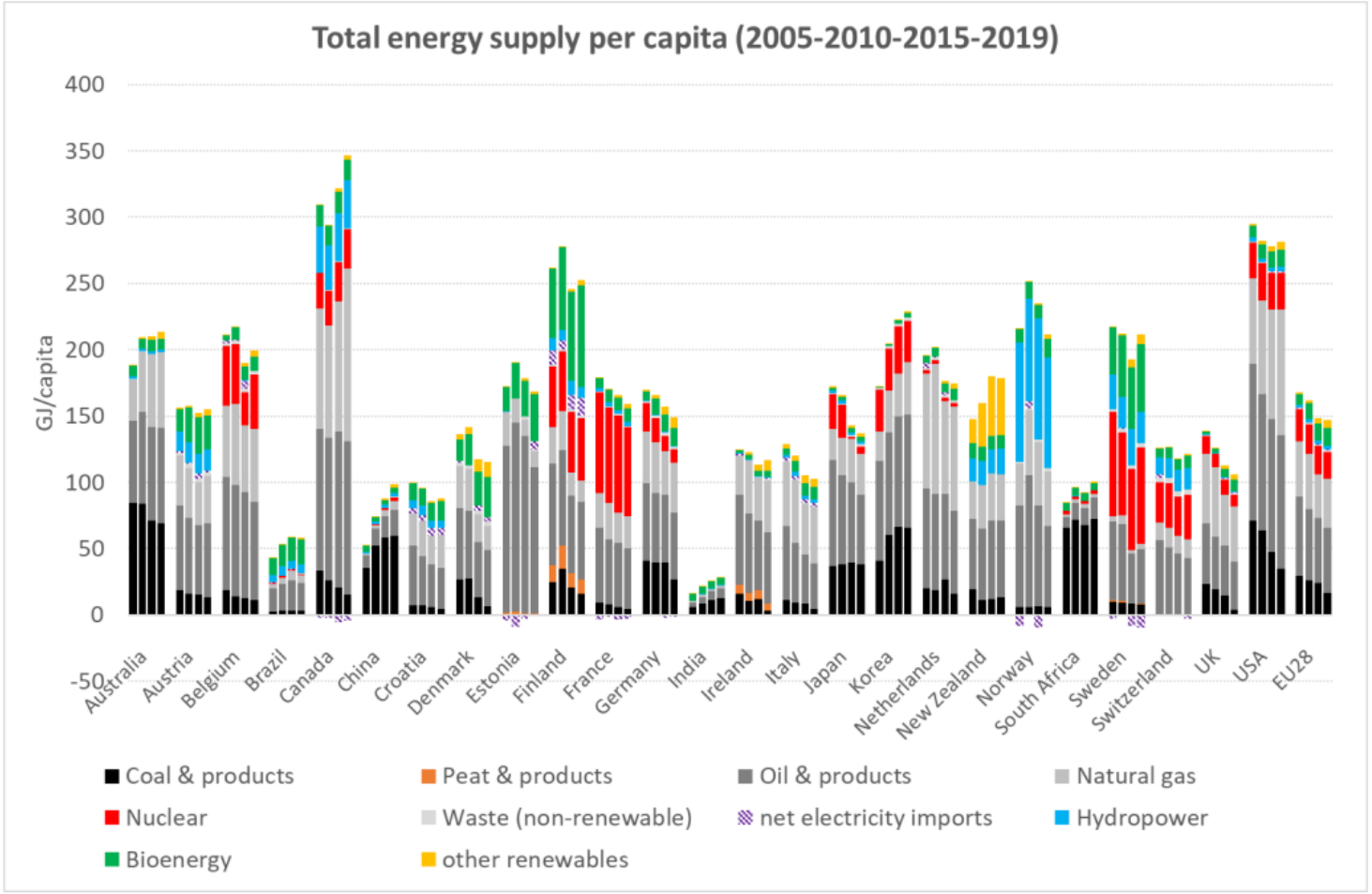


Figure 3: evolution of total energy supply per capita in the IEA Bioenergy member countries (Data source: IEA (2021) World Energy Balances and Renewables Information)

Lähde: IEA, 2021, IEA Bioenergy Countries' Report – update 2021

Bioenergia ja muu uusiutuva energia eri puolilla maailmaa

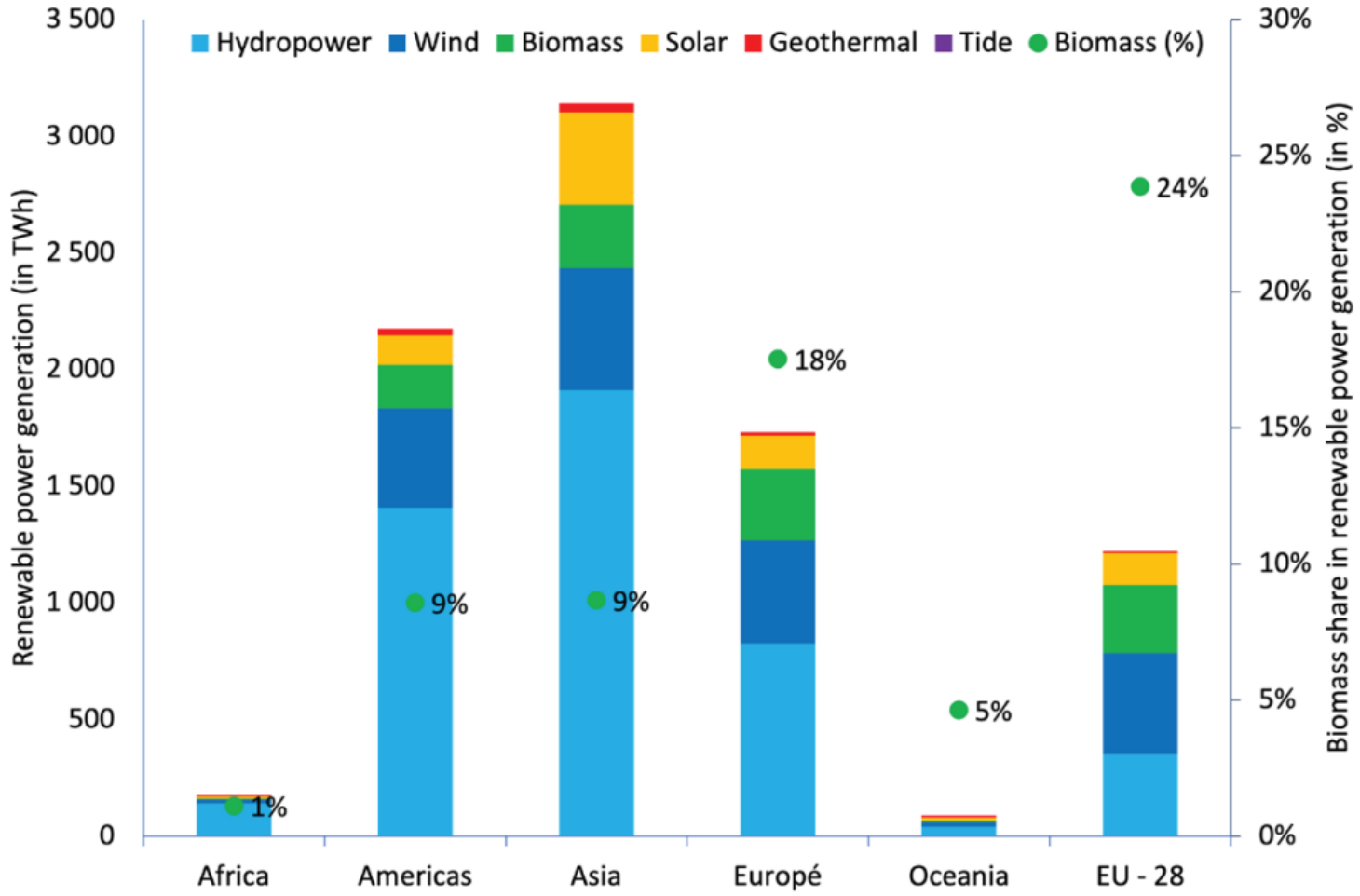
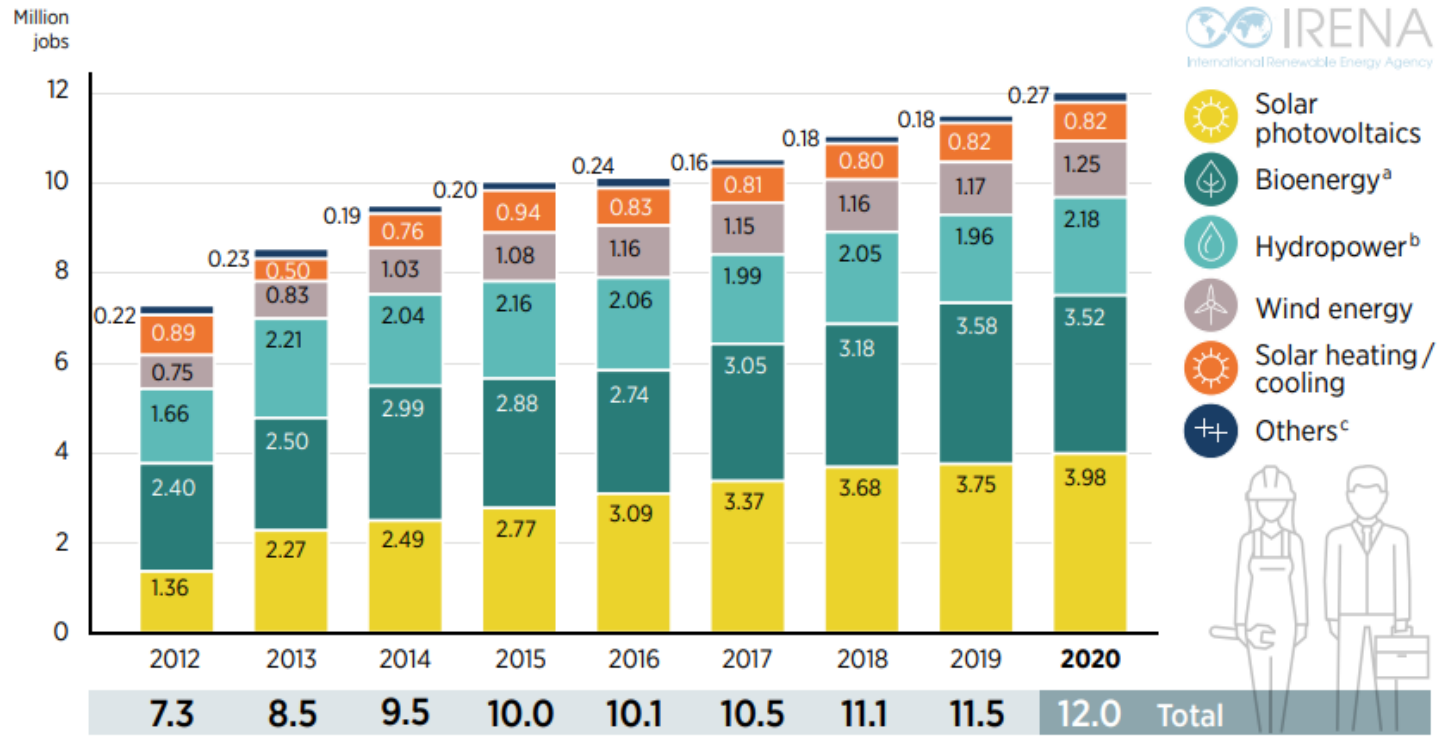


Figure 17 Renewable power generation in continents in 2019

Lähde: WBA, 2022, Global Bioenergy Statistics 2021

Uusiutuvan energian työpaikat

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



a Includes liquid biofuels, solid biomass and biogas.
b Direct jobs only.
c "Others" includes geothermal energy, concentrated solar power, heat pumps (ground based), municipal and industrial waste, and ocean energy.

Source: IRENA jobs database.

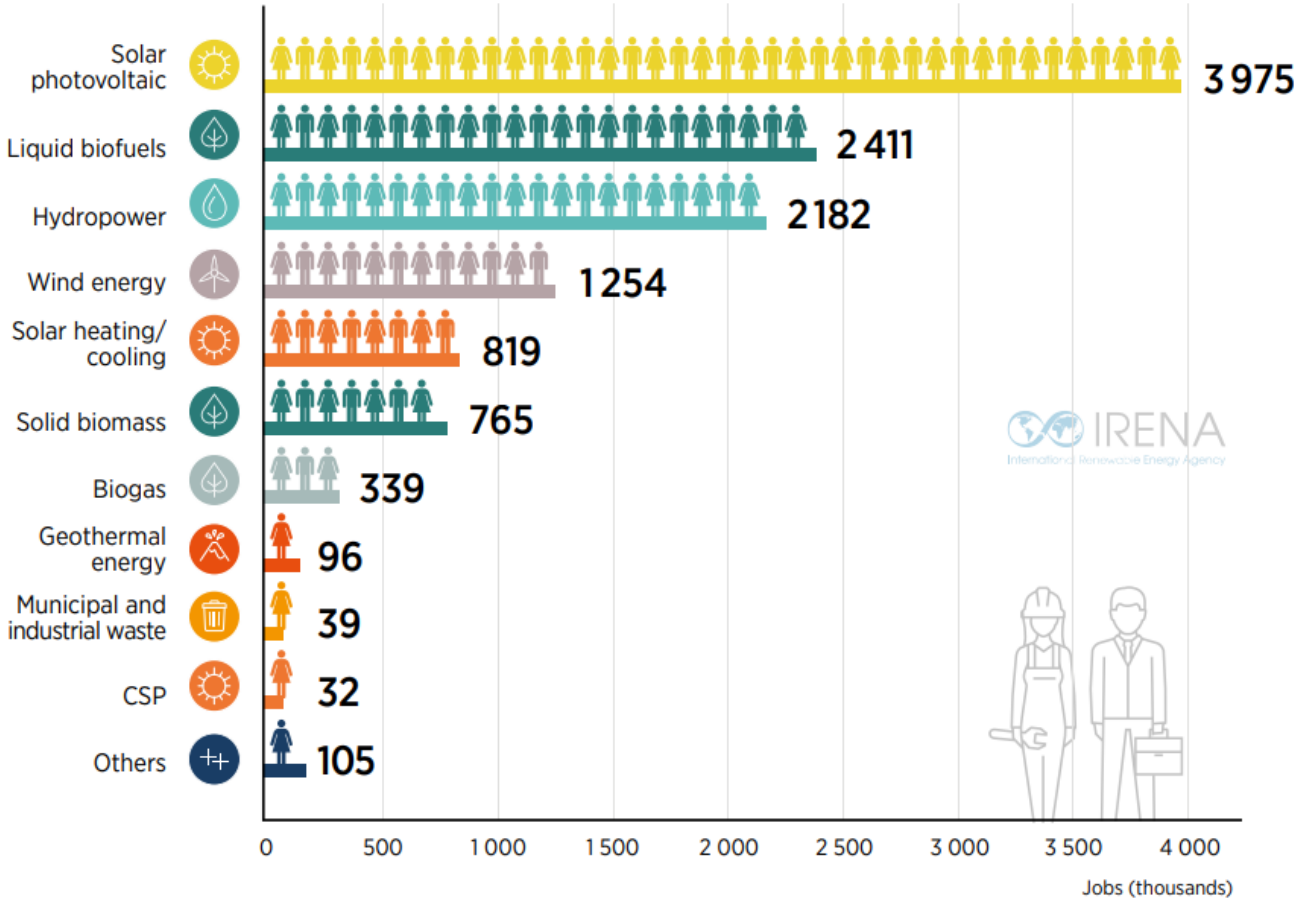
1 Data are principally for 2019–20, with dates varying by country and technology, including some instances where only earlier information is available. The data for hydropower include direct employment only; the data for other technologies include both direct and indirect employment wherever possible.

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.

Lähde: IRENA, 2022, Renewable Energy and Jobs, Annual Review 2021

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

BIOENERGIA