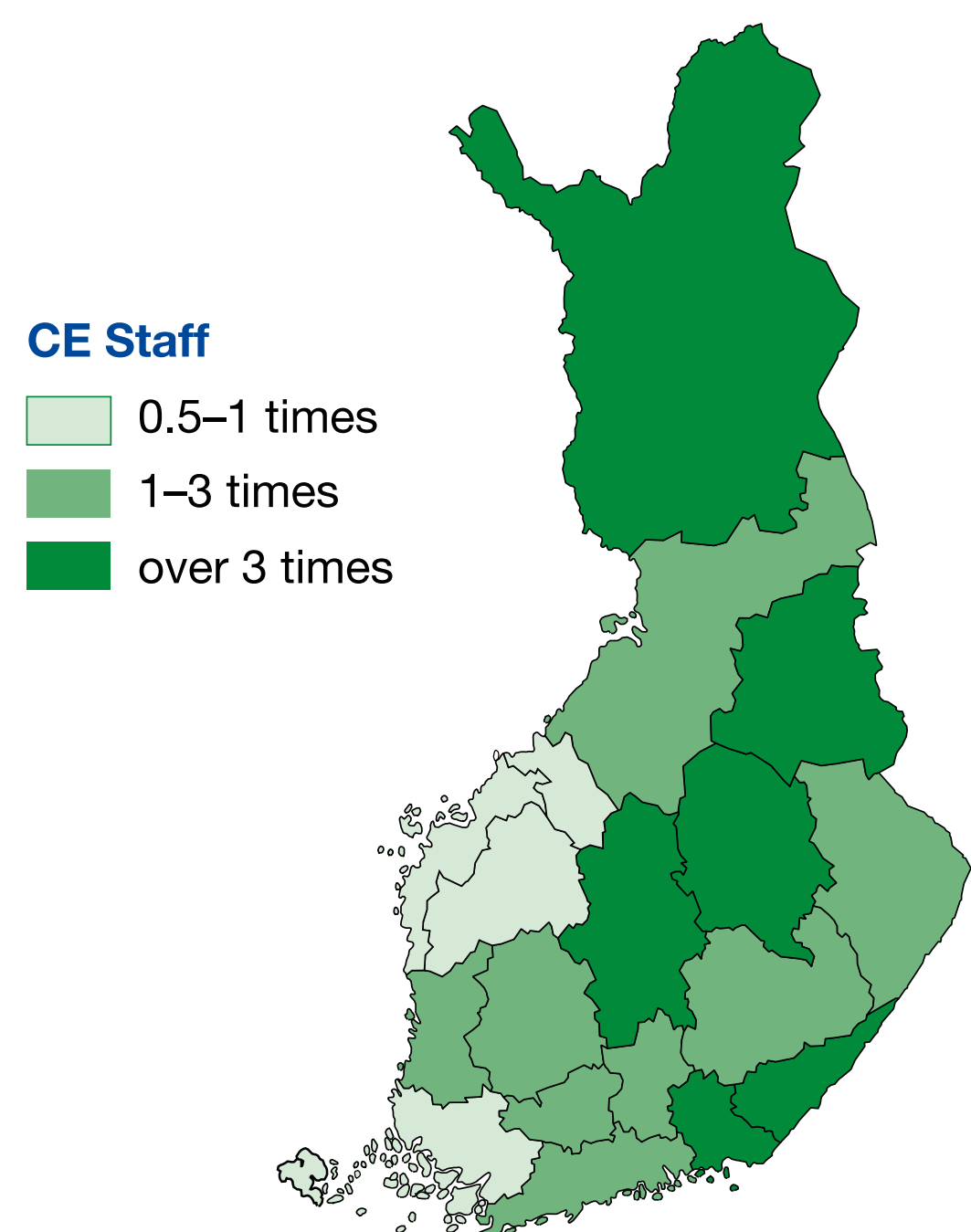


RECYCLING DATA

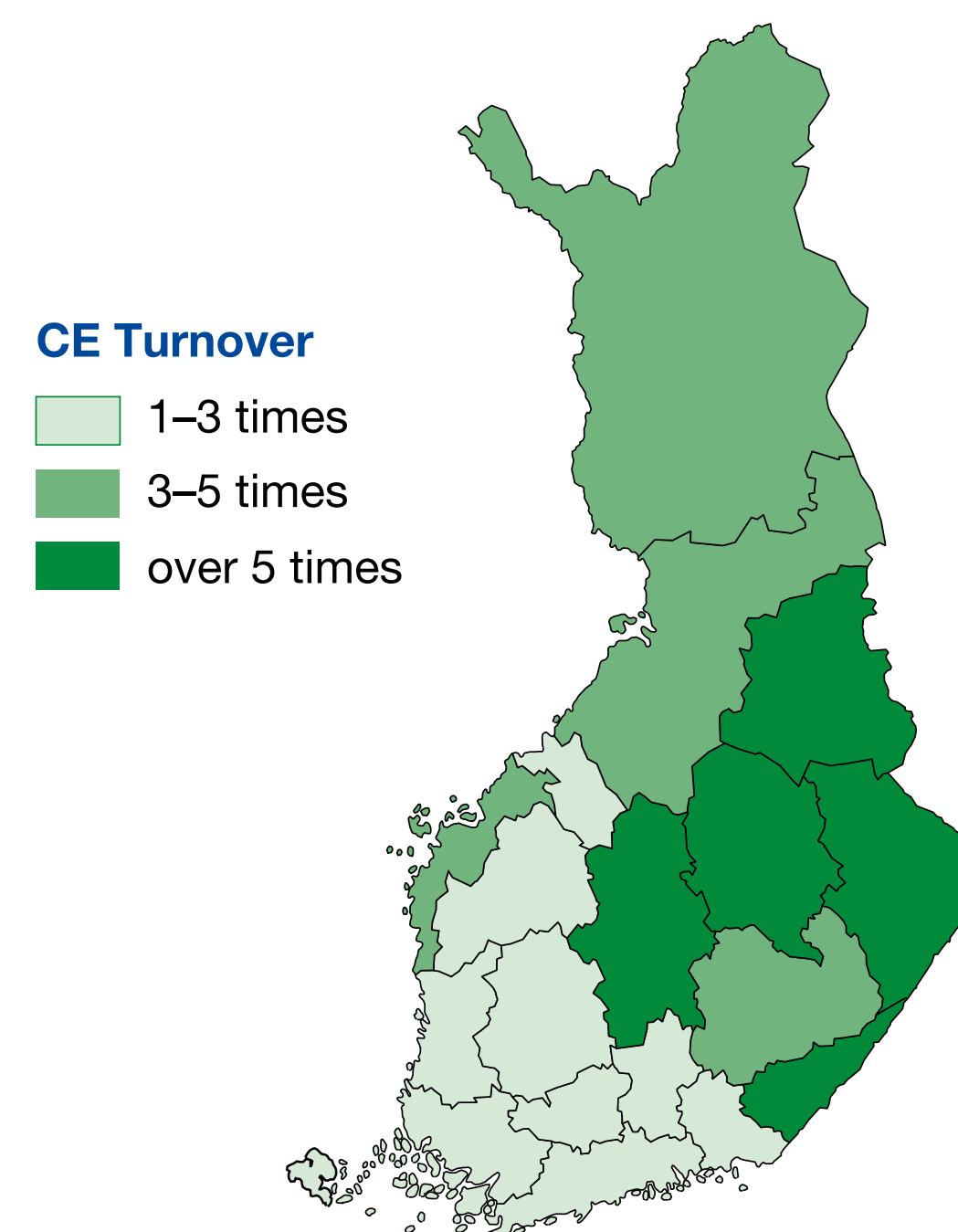
CAN STATISTICS BE REUSED AS CIRCULAR ECONOMY INDICATORS?

Regional Employment in Circular Economy*



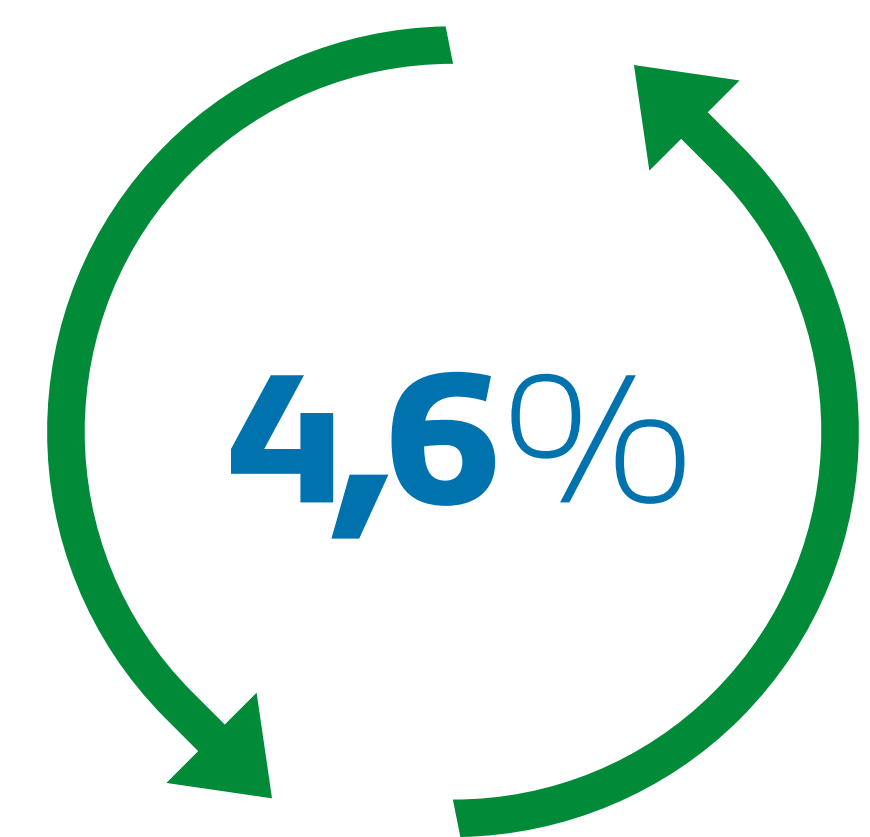
The indicator measures the median staff of circular economy business units compared to all business units in 2018.

Regional Turnover from Circular Economy*



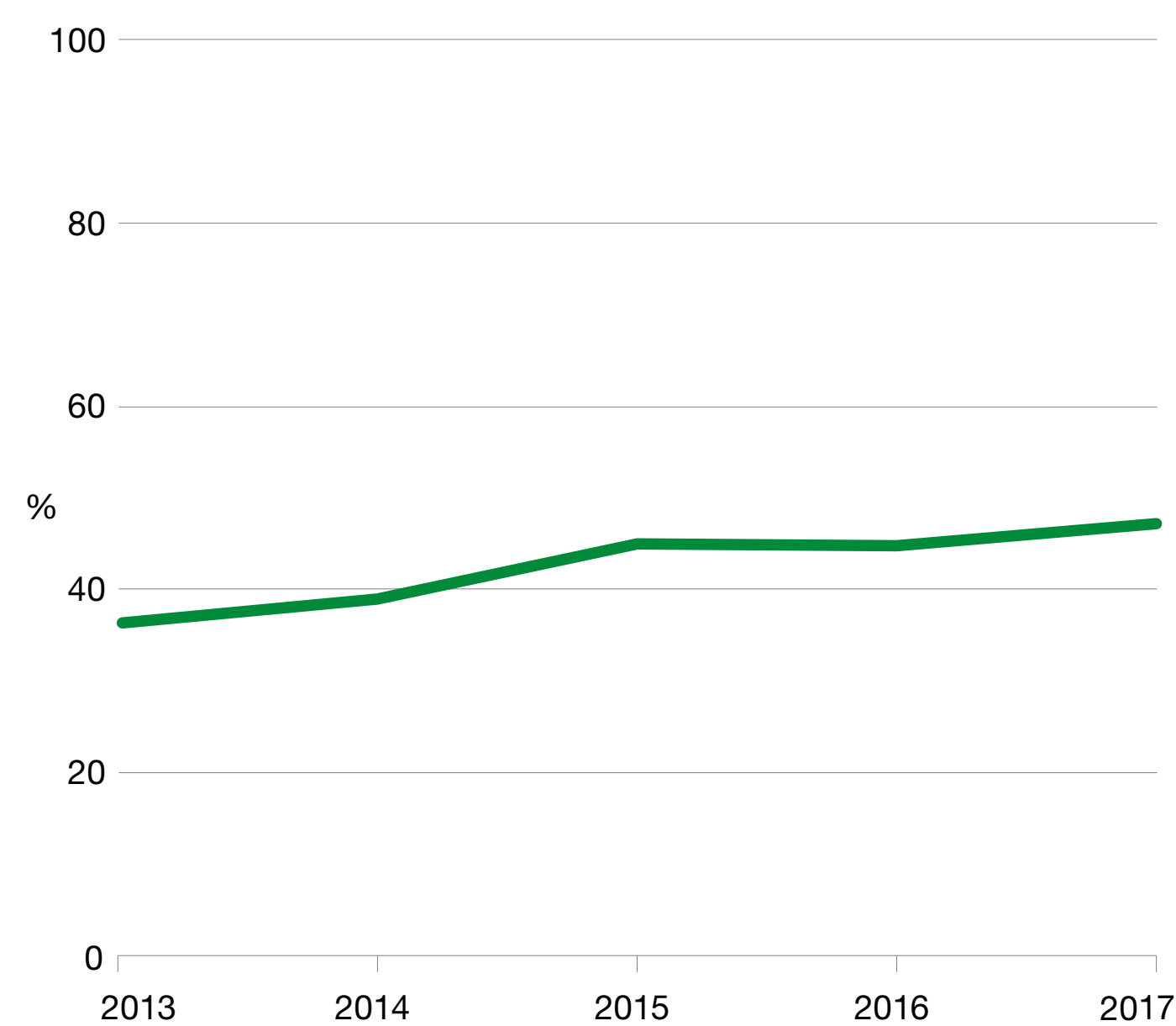
The indicator measures the median turnover of circular economy business units compared to all business units in 2018.

Circular Material Use Rate*



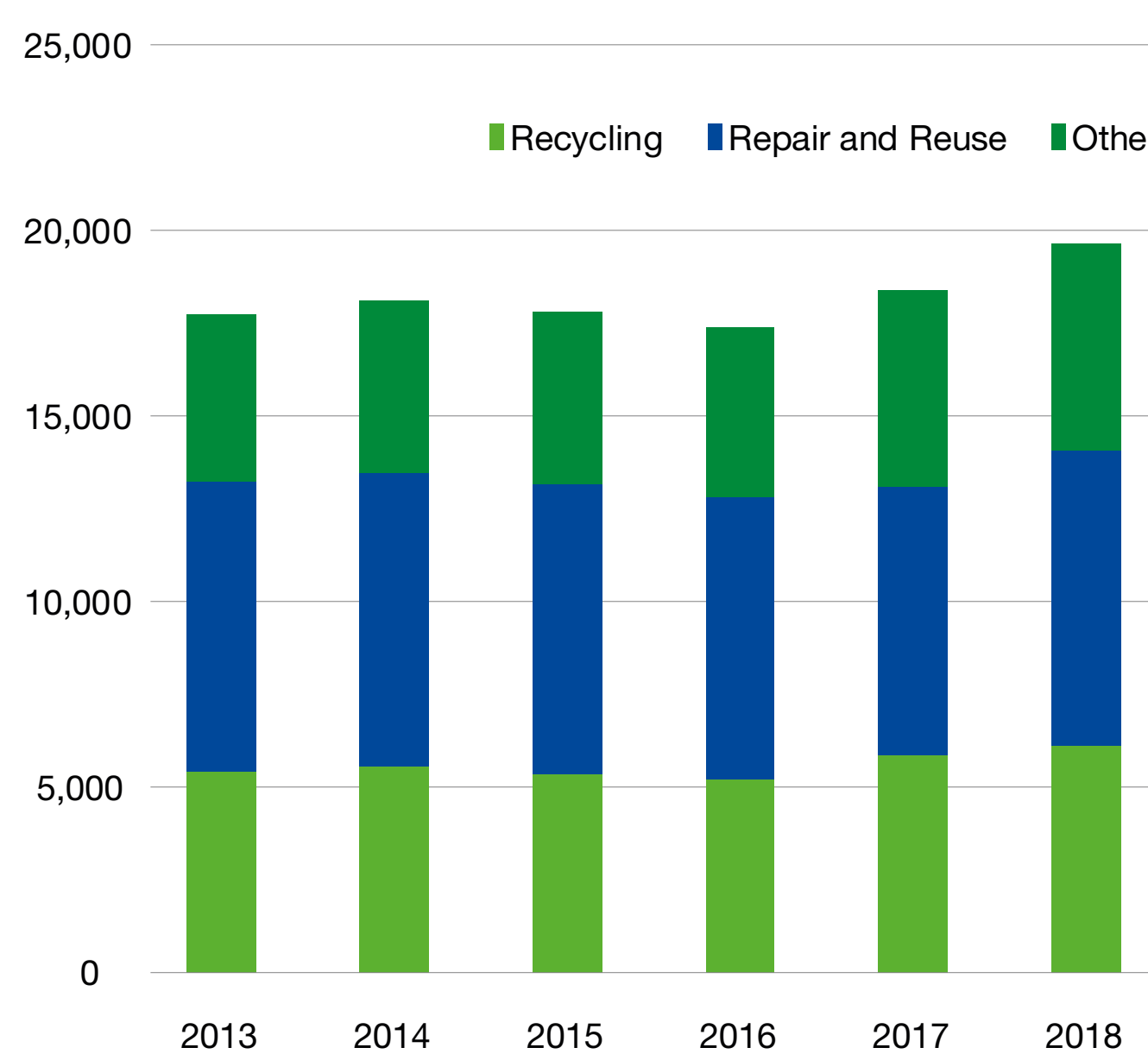
The indicator measures the circular use of materials as a share of overall material use. Circular use of materials is calculated using domestic waste recycled adjusted by net imports of waste destined for recovery. Overall material use is the sum of circular use of materials and domestic material consumption. The presented value shows an average of a five-year-period (2013-2017) in Finland.

Share of Renewable Energy in Electricity Production*



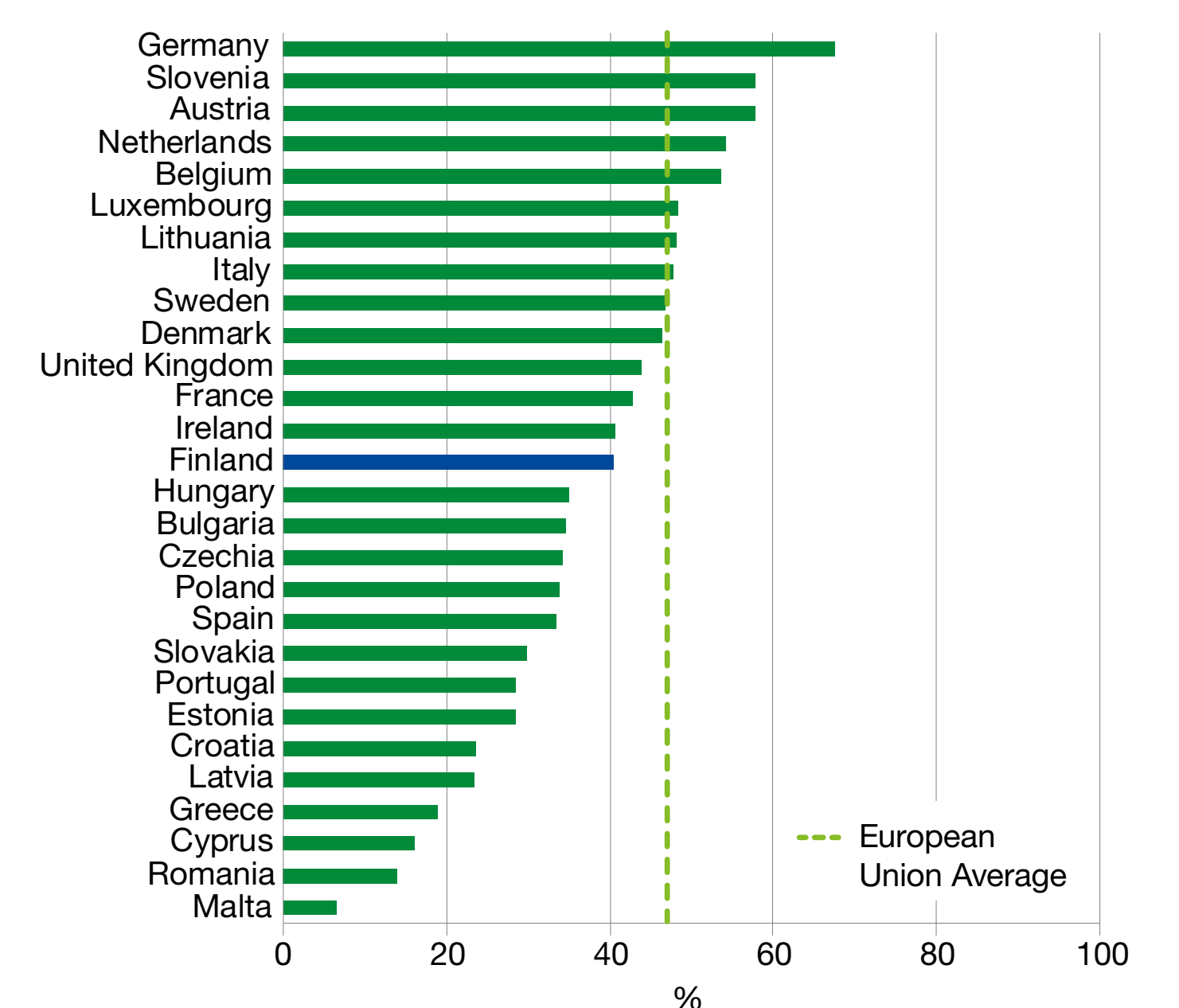
The indicator measures the share of renewable energy of the total production of electricity in Finland.

Staff in Circular Economy Sectors*



The indicator measures the amount of staff separated in to circular economy sectors.

Recycling Rate of Municipal Waste*



The indicator measures the tonnage recycled from municipal waste divided by the total municipal waste arising. Recycling includes material recycling, composting and anaerobic digestion.

*All shown indicators are preliminary.

IN THIS POSTER, we present preliminary findings on measuring circular economy activity in Finland. Statistics Finland is tackling this issue within a project of Finnish Environmental Institute called CIRCWASTE. The project is funded e.g. by EU LIFE IP. In this subproject, we produce data to describe circular economy business in Finland. The aim is to examine the size of circular economy in different sectors and how it changes over the years.

Circular economy indicators can be monetary, physical or a combination of these. We will use existing statistics and data in order to avoid unnecessary new surveys. We focus on national level data but also search for possibilities to produce regional indicators. Moreover, our target is that the results are comparable with the EU's circular economy indicators as well as UN SDG indicators.

CREATING INDICATORS FOR CIRCULAR ECONOMY BUSINESS is impossible without a clear definition. Public discussion mostly focuses on recycling and waste, but there are many other dimensions as well. Nearly all definitions include the 'three R's': recycle, reuse and reduce. Innovation is another concept repeatedly mentioned. While these definitions may sound simple, it is difficult to convert them into indicators – for example 'reduce' can mean many things. Aspects of circular economy can be found in nearly every business.



We welcome discussion on the topic, either in person or by using the QR code above.