

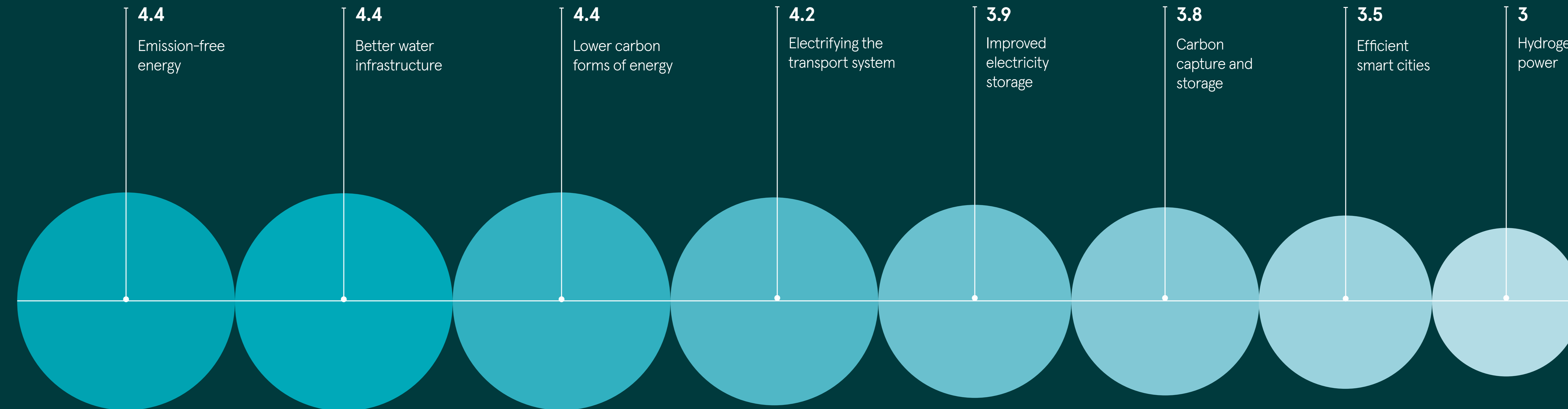
# HARNESSING HYDROGEN'S POWER

As the world continues to lessen its reliance on fossil fuels and strives to find renewable alternatives, one source of energy is rising through the ranks. Hydrogen power can provide safe, low-carbon fuel for a range of industries and is becoming an increasingly attractive option

## HYDROGEN NOT CURRENTLY TOP OF GREEN INVESTOR LISTS

The most attractive forms of sustainable infrastructure among ESG investors worldwide, by importance score out of 9

HSBC 2020



## WHERE WILL HYDROGEN GENERATE THE MOST VALUE?

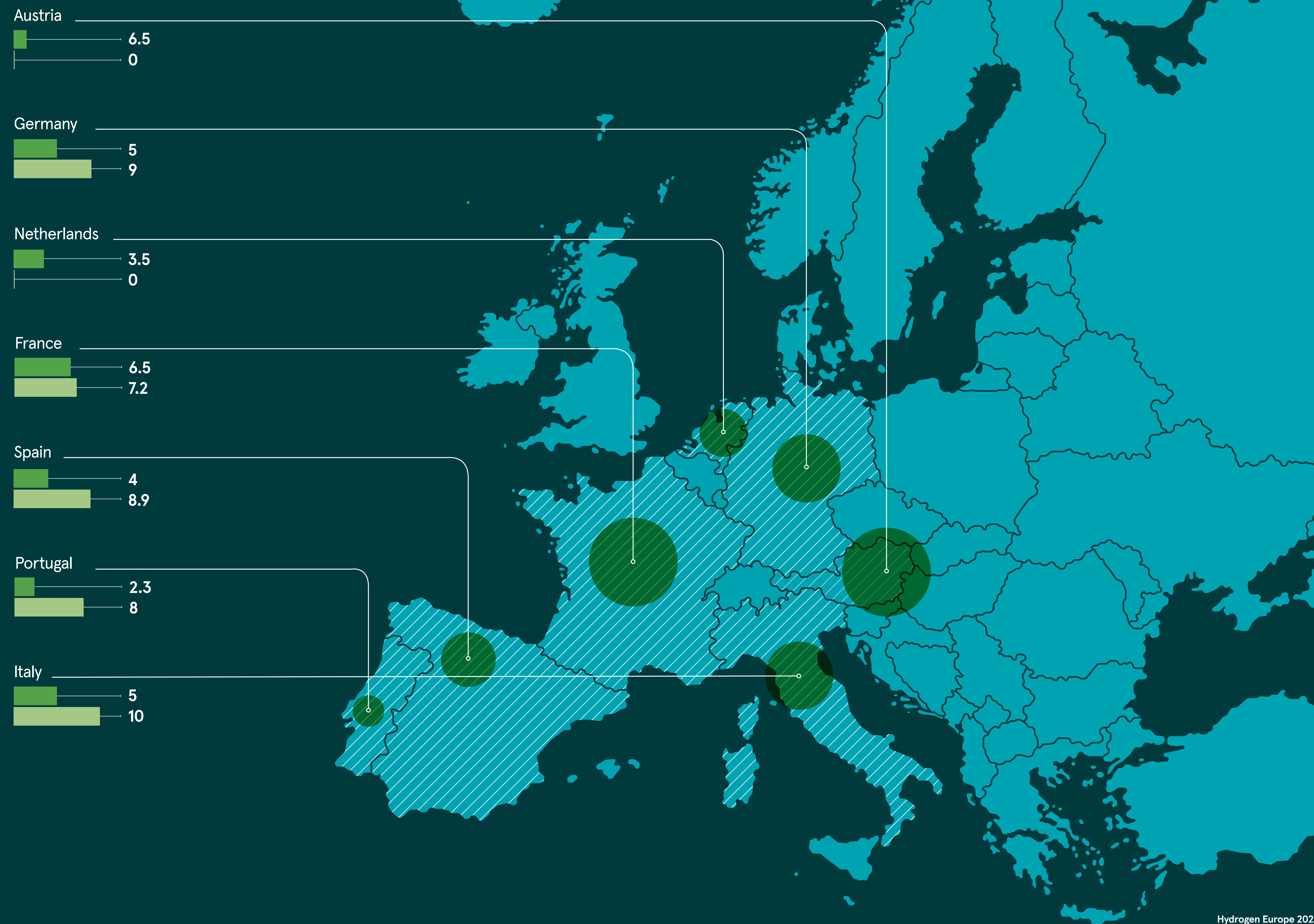
Forecast market potential of hydrogen in the EU in 2020 (in billion euros per day)



## SO, WHO'S MAKING HYDROGEN A TOP PRIORITY?

Green hydrogen capacity and investment outlook in Europe, by 2030

- Electrolysis capacity (in gigawatts)
- Investments (in billions euros)

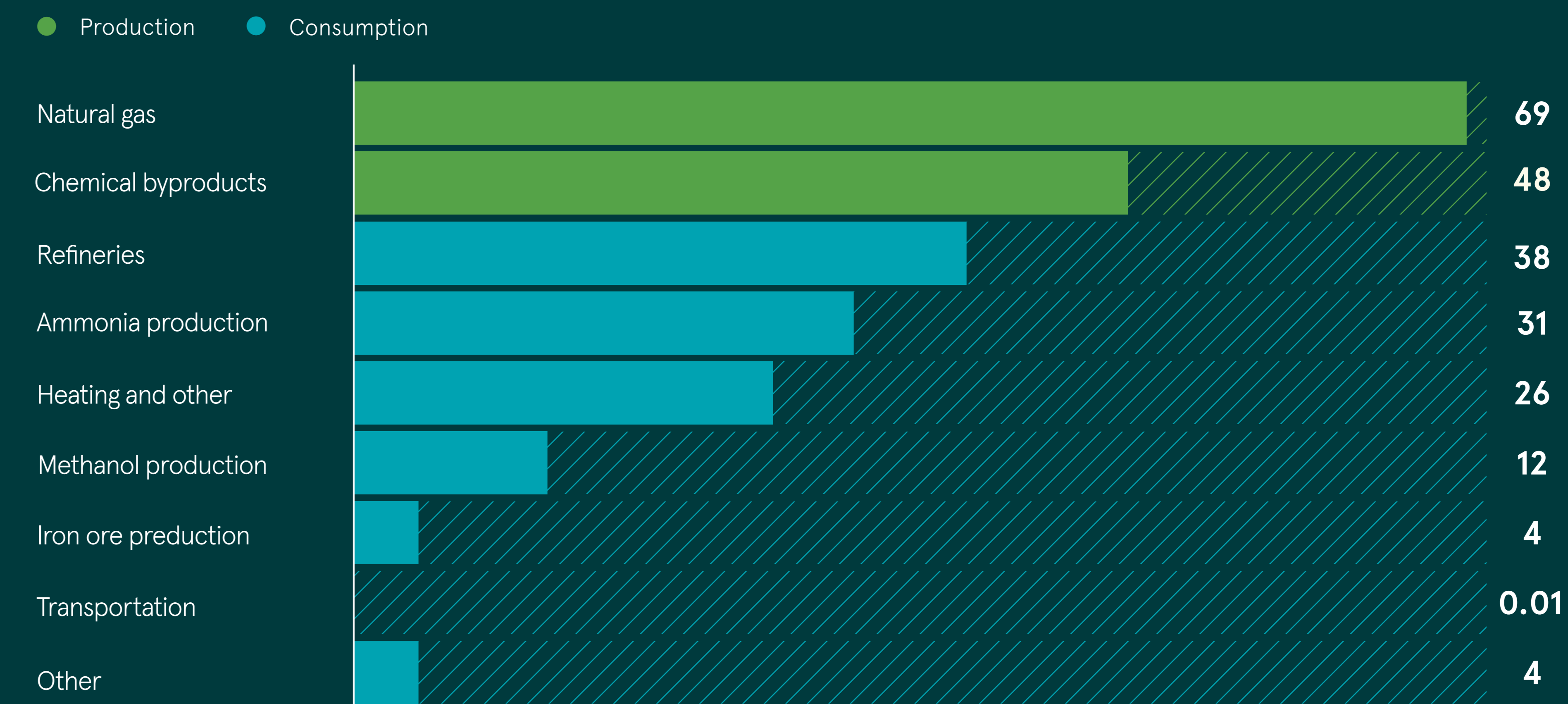


Hydrogen Europe 2020

## HOW ARE THEY PRODUCING IT AND WHAT ARE THEY USING IT FOR?

Hydrogen production and consumption worldwide in 2019 (in million metric tons)

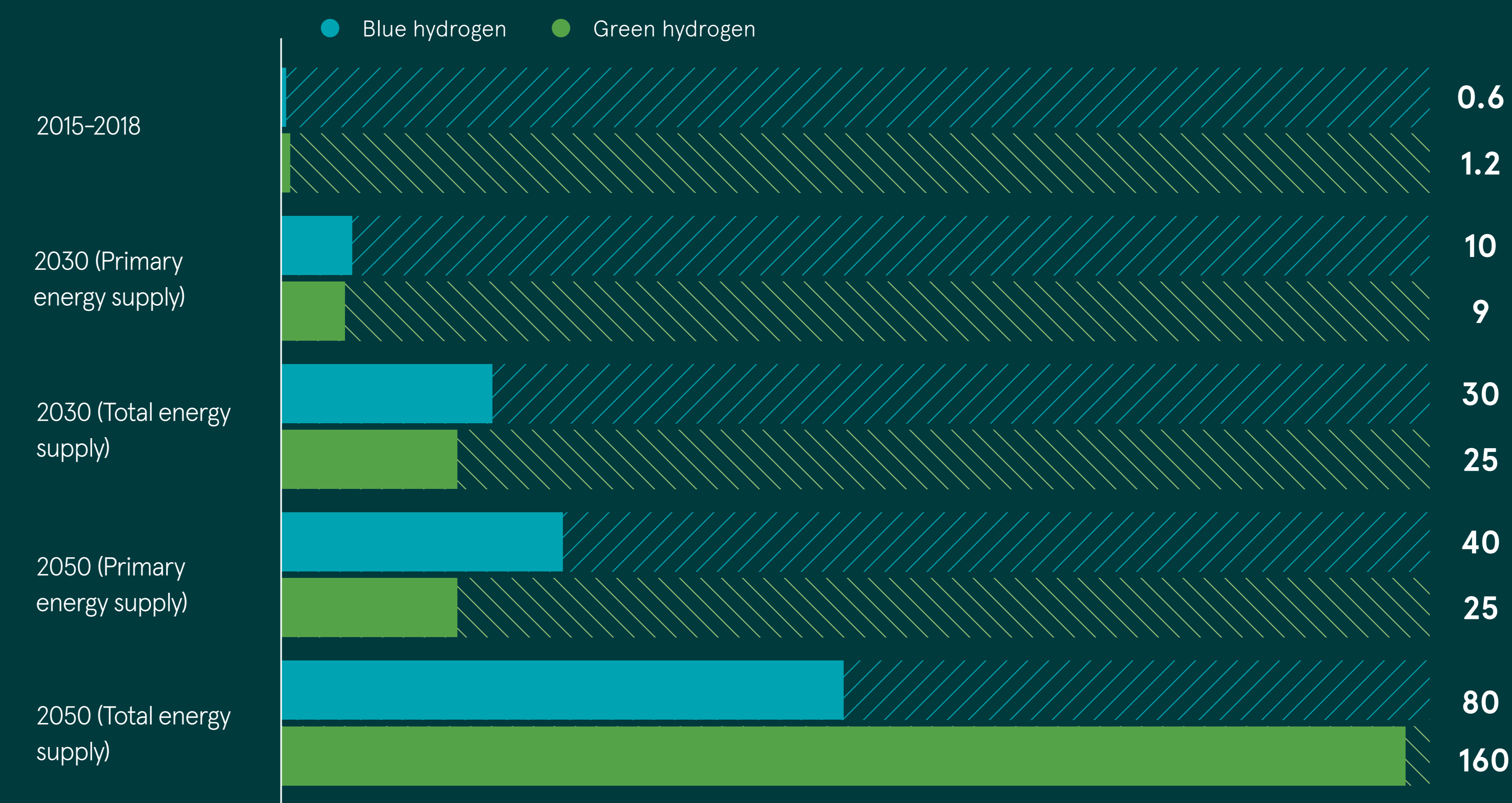
Fraunhofer ISE 2020



## GROWING DEMAND FOR BOTH TYPES OF HYDROGEN

Global hydrogen production outlook. Blue hydrogen is formed when natural gas is split into hydrogen and CO2. The CO2 is captured and then stored, mitigating the environmental impact. Green hydrogen is produced by splitting water, producing only hydrogen and oxygen, meaning there is no negative impact at all

IRENA 2020



Aviation

€93bn

WirtschaftsWoche and BCG 2020