

# Initiative Deutsche Zahlungssysteme

## **Representative online survey regarding the Alternative Fuels Infrastructure Regulation in different European countries**

Survey period: September & November 2021

Factsheet



Initiative Deutsche  
Zahlungssysteme e.V.

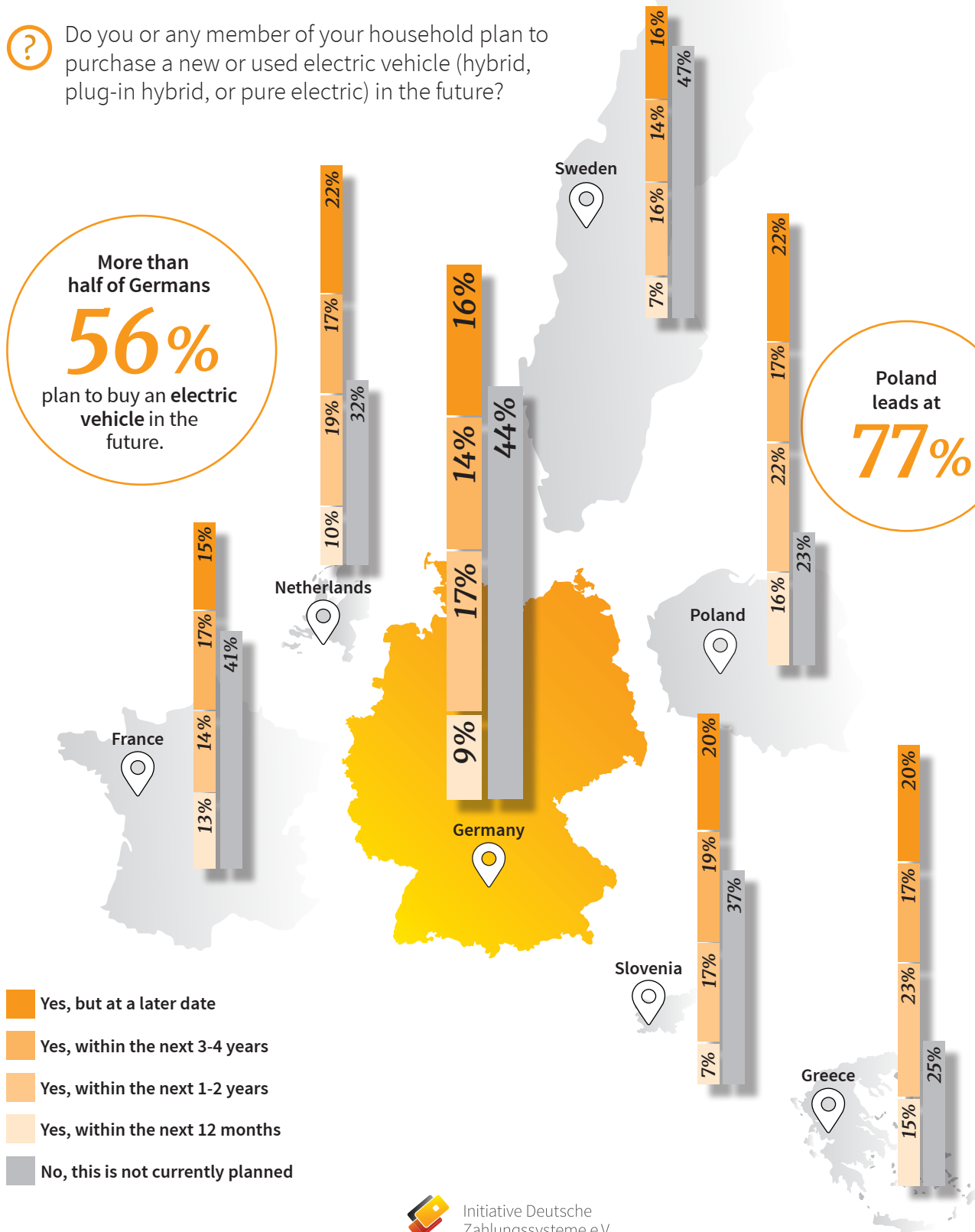
German Payment Systems Initiative

# Consumers in Europe want to be able to pay by card at charging stations in the future

? Do you or any member of your household plan to purchase a new or used electric vehicle (hybrid, plug-in hybrid, or pure electric) in the future?

More than half of Germans  
**56%**  
plan to buy an electric vehicle in the future.

Poland leads at  
**77%**



## Many users also want to use public charging stations.



Will you then (have to) charge your electric vehicle at least occasionally at a public charging station?

**76%**  
Netherlands

**71%**  
Germany

**76%**  
Slovenia

**67%**  
Sweden

**70%**  
Poland

**55%**  
France

**24%**  
Greece



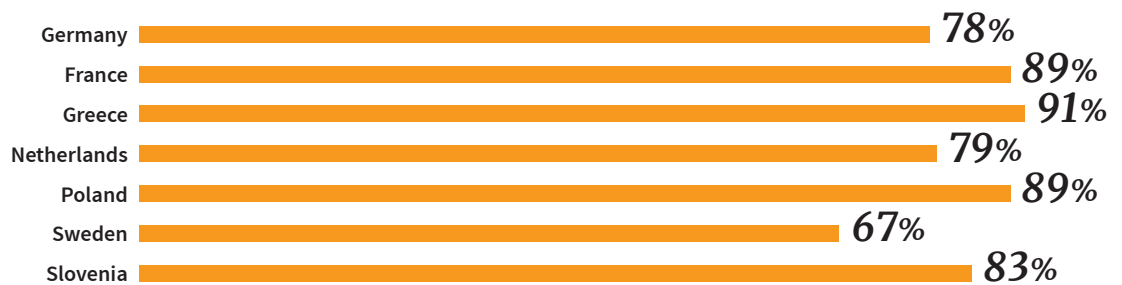
## Card payment is the most popular payment method at charging stations across the surveyed countries.



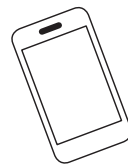
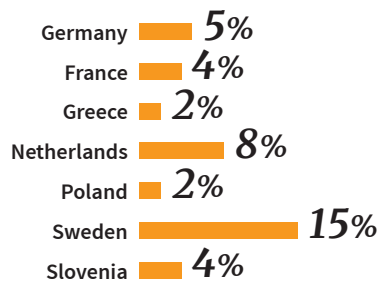
There are different ways to pay at a charging station. If you could choose freely, how would you prefer to pay at an charging station?



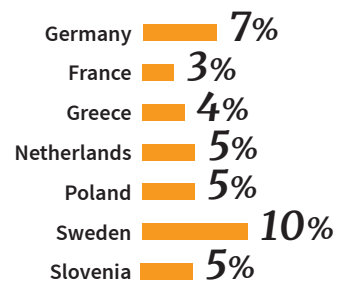
Bank card (credit/  
debit card),  
smartphone



RFID card or charging  
app with prior registrati-  
on and billing via invoice  
from an electricity  
provider



Scanning a QR code with  
smartphone and entering  
payment data via mobile  
website



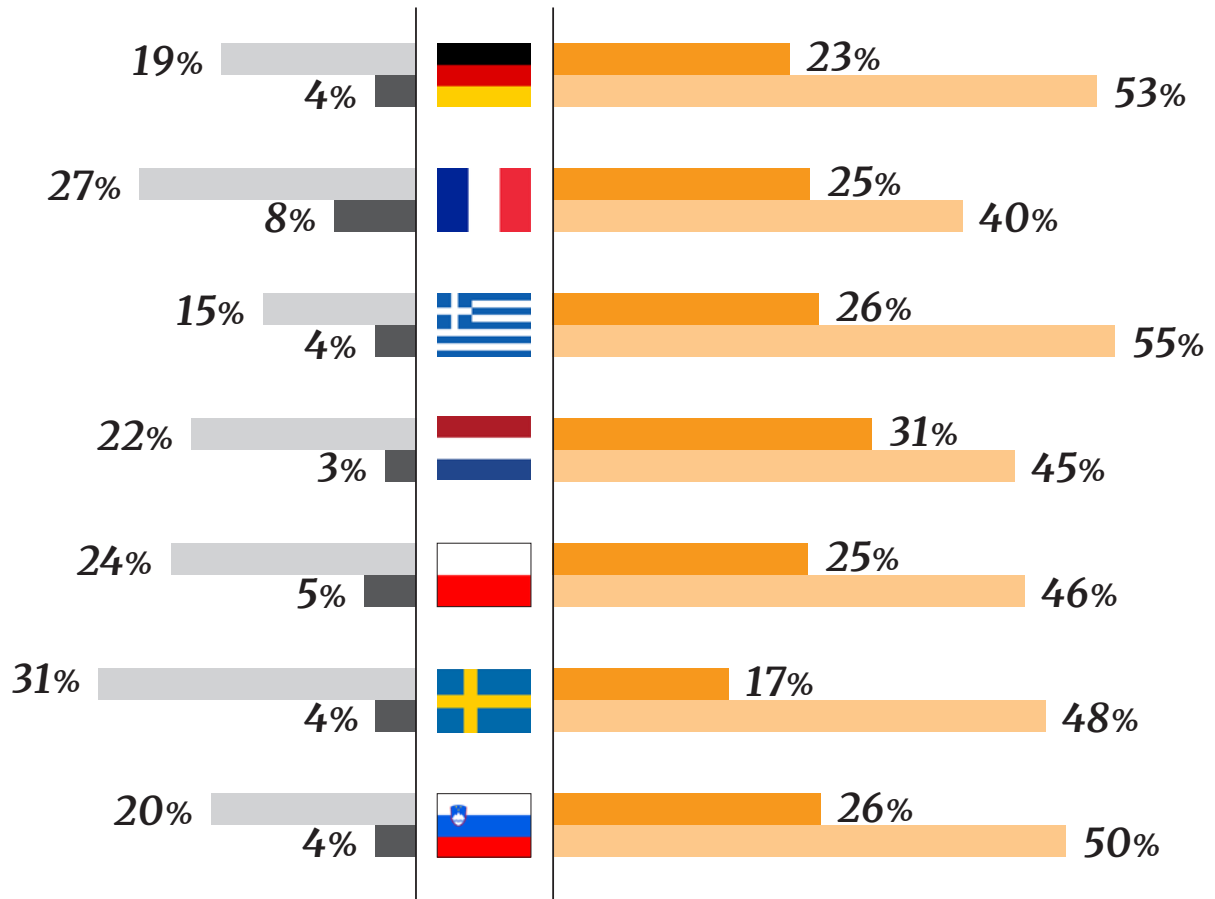
Electric car owners currently have several payment options at charging stations. It is common practice that customers sign a contract with electricity providers or charging station operators and can then only pay at the corresponding stations. This means that payment at most charging stations is only possible via closed loop payment systems such as QR codes, separate apps and RFID cards. In the Alternative Fuels Infrastructure Regulation (AFIR), the EU is currently discussing, among other things, the installation of barrier-free payment solutions at charging stations, such as contactless payment with debit or credit cards.

**In the future, this will make it possible to pay throughout the EU without registering with the respective charging station operator.**



## A majority of respondents consider an EU-wide implementation to be useful.

? What do you think about this regulation being introduced EU-wide?



I would be thrilled



I think that's good, but I also expect it



I don't care either way



I don't think that's a good idea



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## Conclusion:

*The survey results clearly show: **consumers in Europe want to be able to pay at charging stations with common debit or credit cards** – as plastic card or digital version in their smartphone – in the future.*

*With the new Alternative Fuels Infrastructure Regulation (AFIR), the EU now has the opportunity to meet the desire for freedom of choice and easily accessible payment options at charging stations.*

*About the study: The results are based on a representative online survey conducted by infas quo GmbH on behalf of the Initiative Deutsche Zahlungssysteme among motor vehicle owners aged 18 and over in September 2021 in Germany (1,058 people) and November 2021 in France (538 people), Greece (535 people), the Netherlands (514 people), Poland (529 people), Slovenia (538 people) and Sweden (535 people). The countries surveyed differed in particular in their location in Europe as well as the spread of e-mobility and their banking and payment infrastructures.*



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