



**RGI WORKSHOP  
"THE NEED FOR A CLIMATE  
NEUTRAL INTEGRATED  
SYSTEM PACKAGE  
FOR ENERGY"**

**20.11.19**

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# BEVs charged with 100% renewables are most efficient

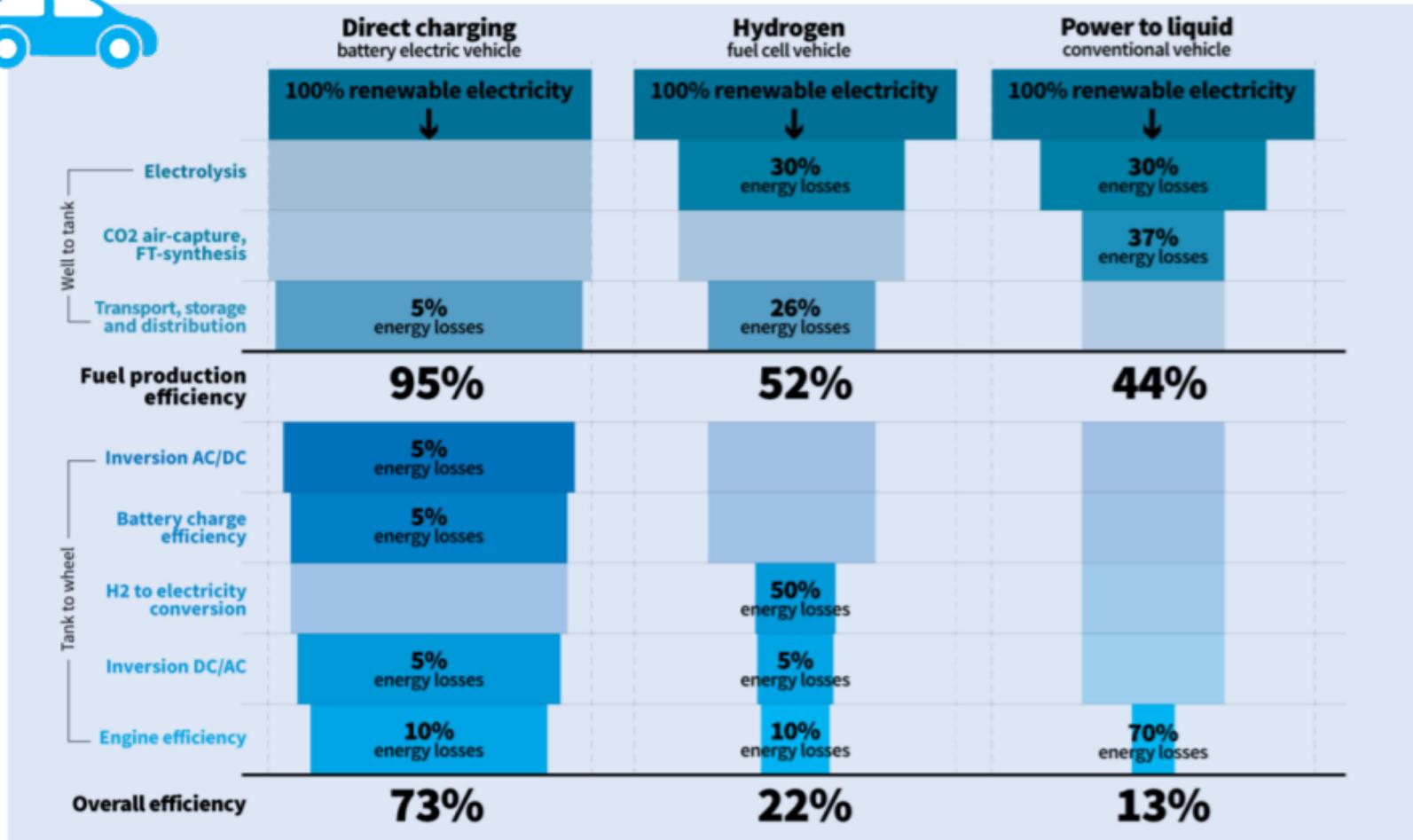
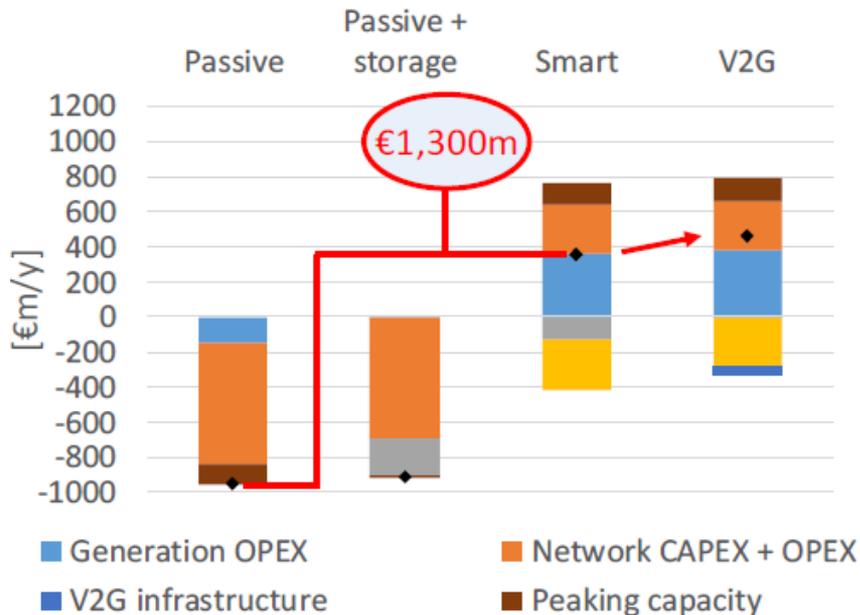


Figure 9: Energy efficiency of different technologies

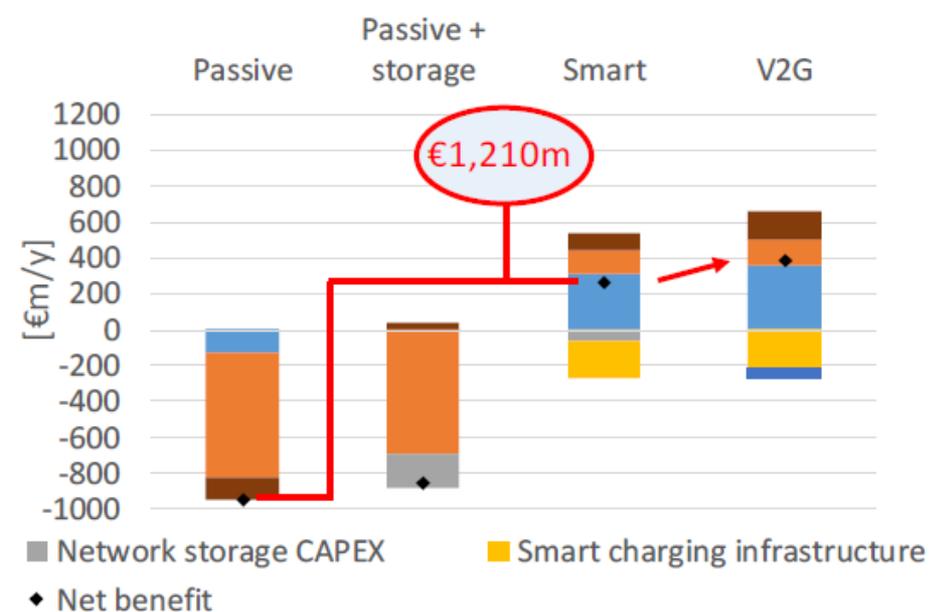
Source: <https://www.transportenvironment.org/publications/roadmap-decarbonising-european-cars>

# Smart charging & V2G

## Great Britain



## France



**Annual net savings in 2040, comparing passive to smart charging**

Source:

<https://www.transportenvironment.org/publications/batteries-wheels-role-battery-electric-cars-eu-power-system-and-beyond>

# Shipping & Aviation

## Shipping's additional electricity demand under different technology pathways in 2050

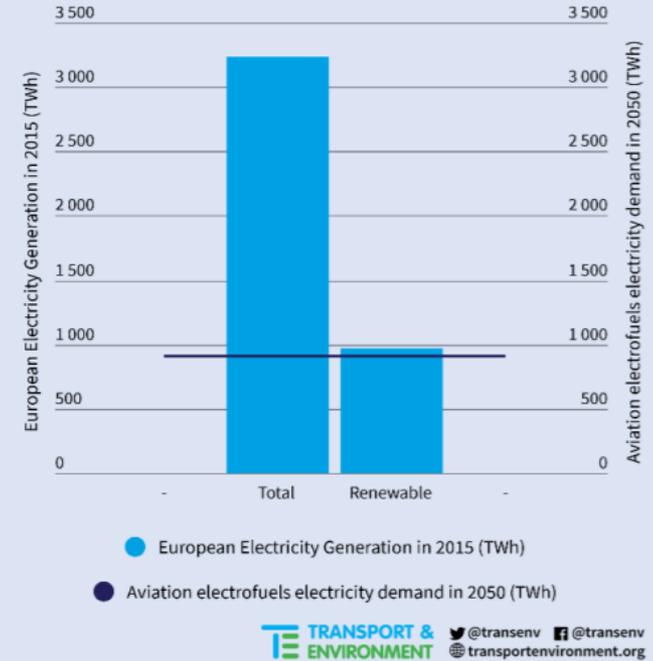
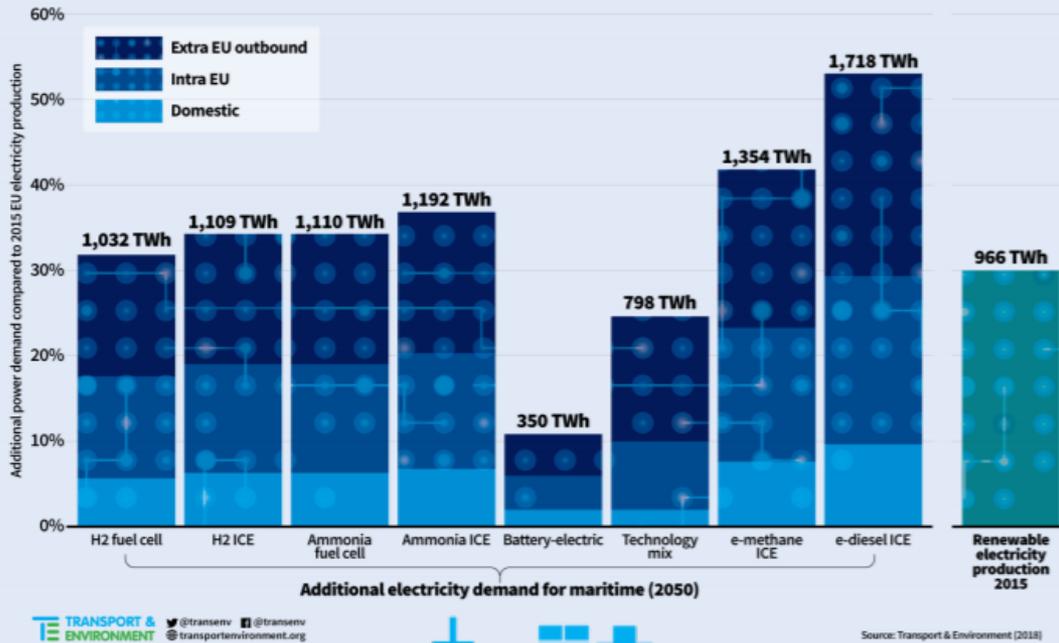


Figure 3. Electricity required to produce electrofuels for EU aviation in 2050



Source: <https://www.transportenvironment.org/publications/how-decarbonise-european-transport-2050>