

SEMOTION BRIDGES THE GAP BETWEEN FUEL CELL BUS DEMONSTRATION & LARGER SCALE DEPLOYMENT



3Emotion demonstrates the successful operation of 21 NEW and 8 EXISTING fuel cell buses in 5 REGIONS in Europe by 7 PUBLIC TRANSPORT OPERATORS with the required REFUELLING INFRASTRUCTURE.



3EMOTION DEMONSTRATES 5 DIFFERENT TYPES OF BUSES

VERSAILLES AIR LIQUIDE





INTERMEDIANT CONCLUSIONS + FACTS & FIGURES



Introduce FC buses smoothly: introduction of a new technology takes time



period = 01-, lan-2017 to 30-, lun-2021

80



WHELL-TO-WHEEL-CO2 EMISSIONS **IF BUSES WERE DIESEL IN TOTAL** 3.805.464 kg

AVERAGE OF HYDROGEN CONSUMED 9,6 kg/100 km



PARTNERS



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3EMOTION ENVIRONMENTALLY FRIENDLY EFFICIENT ELECTRIC MOTION

1/1/2015-31/12/2022 4th H2 bus project of the FCH-JU





WHY FUEL CELL ELECTRIC BUSES?



PASSENGERS AND DRIVERS



LARGE RANGE WITH ONLY 1 **REFILL A DAY (<12 minutes)**

REDUCING CO2 EMISSIONS

AND IMPROVING AIR QUALITY



VIBRATION LEVELS



MORE INFO:

WWW.3EMOTION.EU

WWW.FUELCELLBUSES.EU