

# DESTA – Demonstration of 1<sup>st</sup> European SOFC Truck APU



The main objective of DESTA is the demonstration of the first European Solid Oxide Fuel Cell (SOFC) Auxiliary Power Unit (APU) for trucks.

## Work Plan and Objectives:

- APU requirements definition for the application of a SOFC APU in a VOLVO Heavy Duty Truck for the US market
- Forschungszentrum Jülich conducts an independent benchmark of two existing systems from partners Eberspächer and AVL, leading to an optimized DESTA SOFC APU that will combine the superior features of the individual systems.
- Parallel SOFC stack optimization by Topsoe Fuel Cell.
- Truck demonstration on VOLVO Heavy Duty Truck for the US market in 2014.

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AVL SOFC APU Gen. 1.0, © AVL

