

HCCELEA

Hydrogen, Carbon-free and Carbon-neutral Fuel Enabled Large Engine Applications

Programm / Ausschreibung	IPCEI, IPCEI, IPCEI Hydrogen Ausschreibung 2022	Status	laufend
Projektstart	01.09.2021	Projektende	31.12.2029
Zeitraum	2021 - 2029	Projektlaufzeit	100 Monate
Keywords	IPCEI Hydrogen Engines		

Projektbeschreibung

siehe Abstract (english)

Abstract

The main objectives are the development and industrialisation of fuel-injection equipment (FIE) for hydrogen and hydrogen-based (CO₂-free/neutral) fuels for large engine (LE) applications. The targeted technologies will tackle different (i) LE segments (Marine, C&I, Railways and Power Generation). It will cover certain (ii) fuel types (hydrogen, methanol, and ammonia) and will facilitate varying (iii) stages of the transformation towards CO₂-neutral large engines (incl. dual fuel and retrofit solutions).

Projektpartner

- Robert Bosch Aktiengesellschaft