

## HCCELEA

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

<b>Programm / Ausschreibung</b>	IPCEI, IPCEI, IPCEI Hydrogen Ausschreibung 2022	<b>Status</b>	laufend
<b>Projektstart</b>	01.09.2021	<b>Projektende</b>	31.12.2029
<b>Zeitraum</b>	2021 - 2029	<b>Projektlaufzeit</b>	100 Monate
<b>Keywords</b>	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 (CO<sub>2</sub>-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 CO<sub>2</sub>-neutral large engines (incl. dual fuel and retrofit solutions).

#### Projektpartner

- Robert Bosch Aktiengesellschaft