

# MariGreen

—

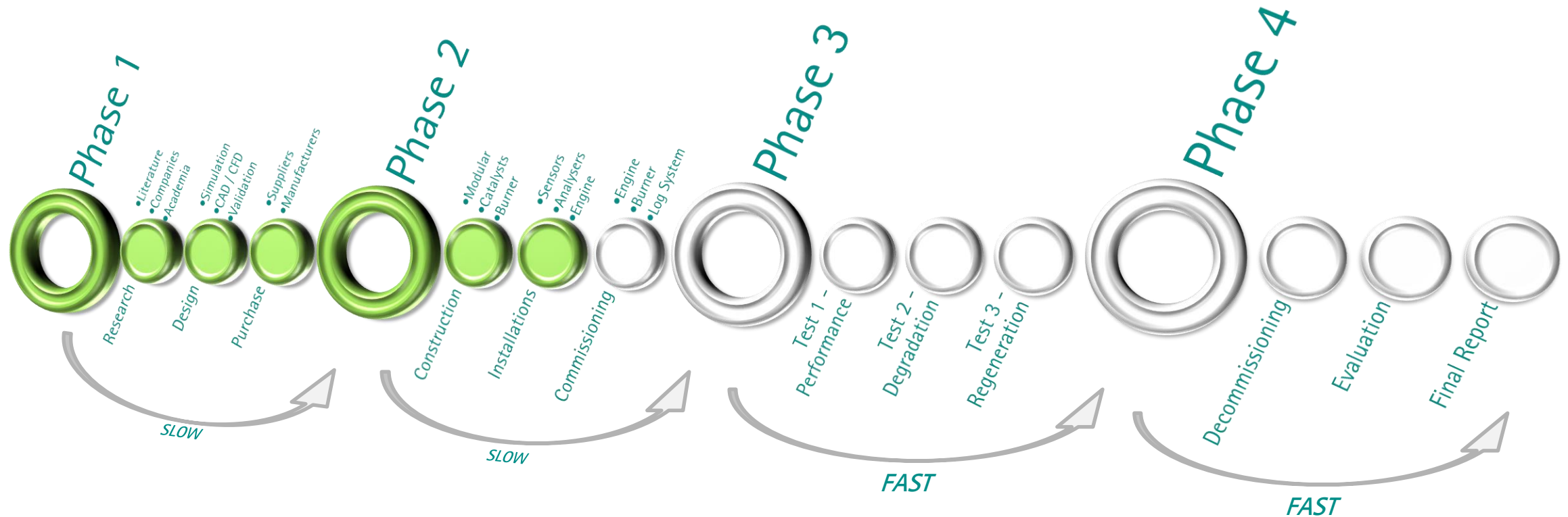
## Methane Catalyst for LNG Engines



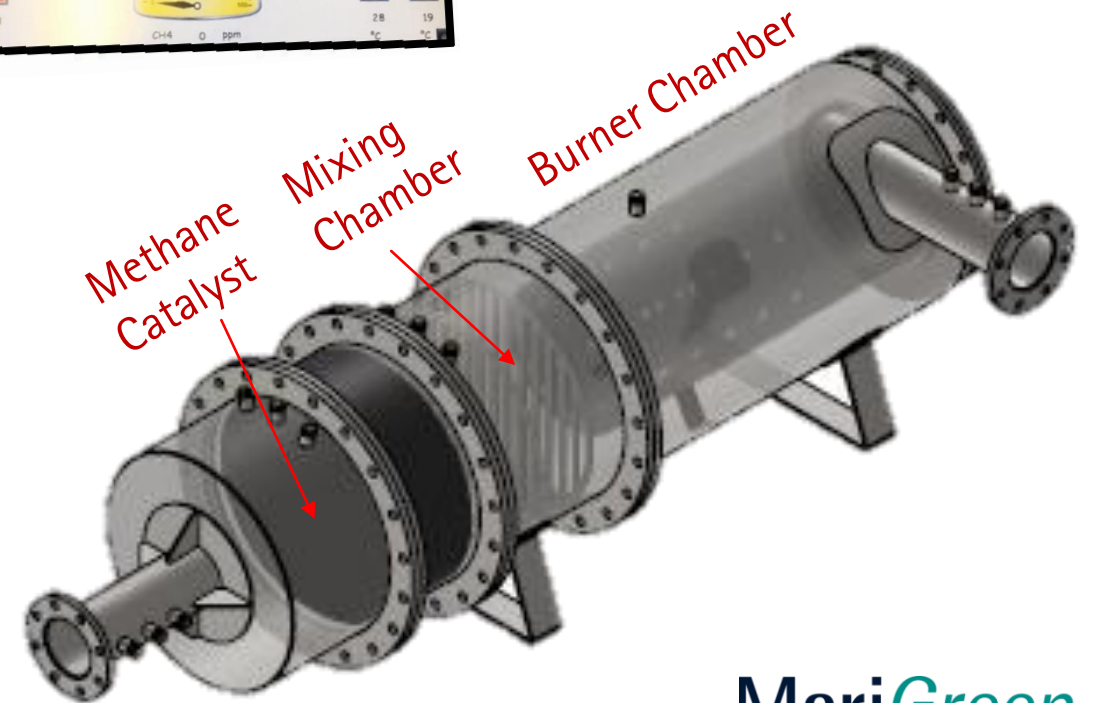
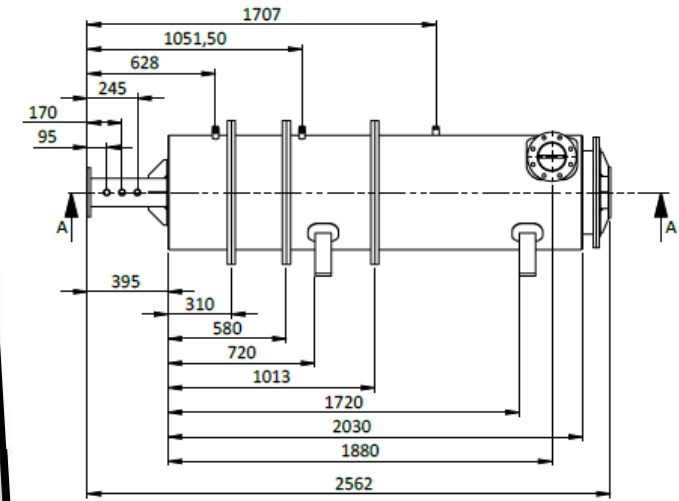
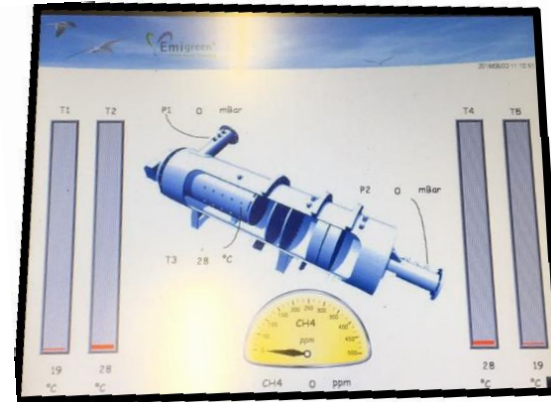
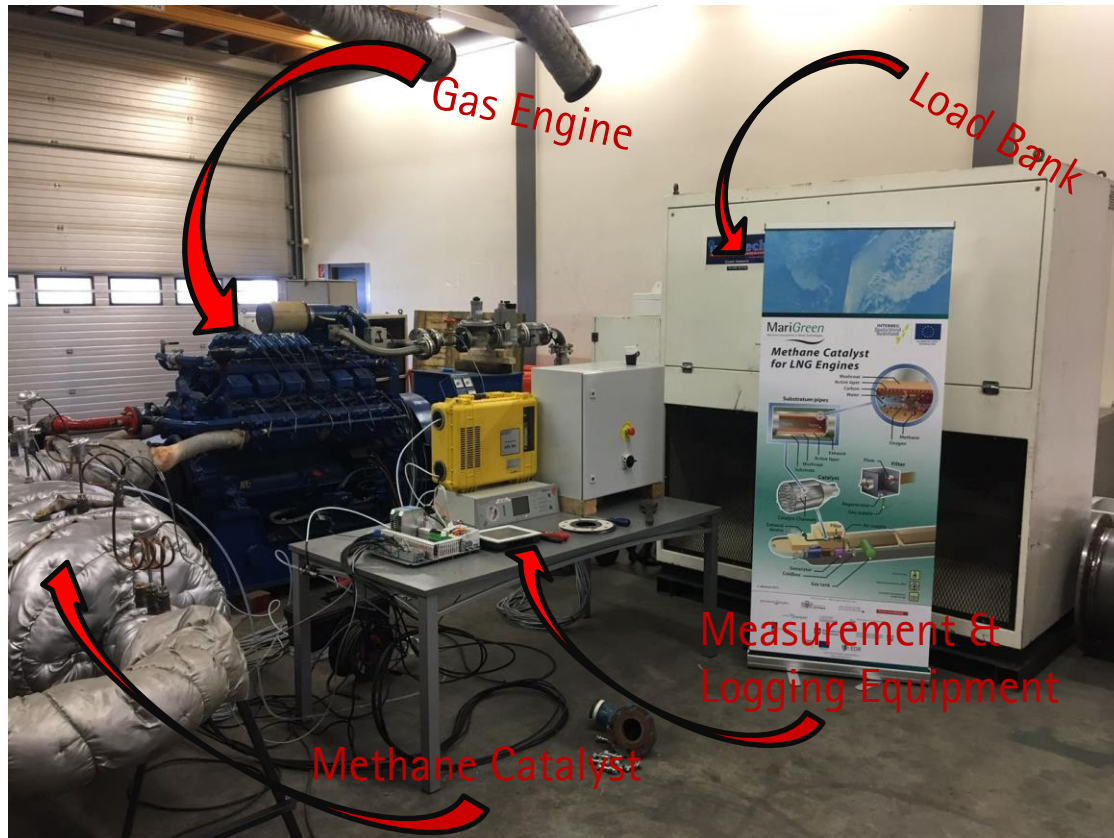
Maritime Innovationen in  
Green Technologies



# Road Map



# Gas Engine / Methane Catalyst



## Phase 3 – Goals

- Goals in phase 3 are to determine the following:
  1. Performance
    - Conversion of methane
  2. Deterioration Factor
    - Catalyst deactivation time while on stream under steady-state flow conditions (i.e. engine load factor)
  3. Regeneration Method
    - Regain conversion ratios as found under 1.

# Outlook

- Project was well received at SMM Hamburg.
- Rounding up phase 3
- Hochschule Emden-Leer to write final report