



Grant Agreement



number:



691232

– Knocky



– H2020-MSCA-RISE-2015

H2020 RISE KNOCKY SEMINAR WÄRTSILÄ, September 6-7, 2016

Attendees: External:

- Motortech, Robert Virchov, 2-3 persons
- Czestochowa University of Technology: Stanislaw Szwaja, Karol Grab-Rogalinski
- Warsaw University of Technology: Ula Niedzielska, Lukasz Kapusta
- University of Birmingham, prof. Mirosław L Wyżyński
- AVL, dr Reihard Tatschl, Rafal Pyszczyk

Internal:

- Wartsila representatives
- University of Vaasa

Location: Conference Room

Wärtsilä workshop agenda

Day 1

06.09.2016

08:45 Common bus transport to Wärtsilä PowerGate offices

09:00-09:10 Coffee and registration

09:10 – 10:00 Opening/Welcome ceremony

Welcome speech

Wärtsilä representative Niklas Wägar

Project coordinator Stanislaw Szwaja

- Short review by visiting companies and universities
- Introduction to Wärtsilä, Smart Power Generation

10:00 – 12:00 Workshop presentations

Wärtsilä engine presentations

- Wärtsilä engine portfolio
 - o Power Plant specific needs and features
- W31 introduction

Short break

- Engine performance for power plants
- Emissions

12.00 – 13:20 Lunch + CBM centre visit

Lunch on Runsor side,

13:20 – 15:00 Workshop presentations

Power Plants presentations

- Power Plant Solutions including CHP and FlexiCycle
- Power Plant project, from sales to commissioning and life-cycle
- Fuel flexibility for Smart Power Generation



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- Question and Answers slot

15:00 – 15:20 Coffee break

15:20 – 17:20 Knocky Project meeting

- Main findings and feedback so far /attendees
- Future activities first discussion /attendees

17:30 – 18:20 Presentations on project research

- Rafal Piszczek - Implementation of a new spark ignition model into AVL Fire CFD solver
- Ula Niedzielska - Possibility of detonation in exhaust ducts
- Karol Grab-Rogalinski - RCM measurements, knock and self-ignition
- Lukasz Kapusta - RCM-efficient tool for simulating pre-chamber SI gas engine

19:00 – Dinner at Faros

Day 2

07.09.2016

Excursions

08:45 Bus leaving

9:00 – 12:00 Wärtsilä Factory, Fuel laboratory

09:00 Factory visit, engine test run and engine laboratory tour

10:15 Fuel lab (bus to be arranged)

11:00 University of Vaasa, meeting with representatives, visiting departments

12:30 Closing meeting, actions and next steps

13:00 – Lunch at Strampen (bus to be arranged)

Departures as per attendees schedule



Pictures from the meeting