Danish Methanol Association

Newsletter March 2019

Our vision: Filling Station with Blender Pumps.

- **A7** Regular gasoline with 7% Alcohol (3% methanol & 4% ethanol)
- **M30** High Blend allowed in the EU for any petrol vehicle.
- **M85** High Blend for flex fuel vehicles and flex fuel kits.
- **M100+** Neat methanol for fuel cell engines.
- **MD95** Methanol with a cetane improver for diesel engines.

IEA-AMF Annex 56 Methanol

The IEA-AMF Annex 56 Methanol project initiated 2018 by Technological Institute and Danish Methanol Association, supported by The Danish Energy Agency, is now coming to an end.

The project's test car equipped with a cheap French plug n play flex fuel kit now runs on M85 (85% methanol + 15% gasoline).

The test car is a standard 68 HP Peugeot 107 City Car. On M85 it peeked with 5 HP extra and the max. torque went up 5 Nm too.

On M85 with biomethanol made from Danish biogas the carbon footprint is smaller than for any electric vehicle.

Next Step.

A fairly detailed plan to be carried out:

- Fleet trial with many and different vehicles with gasoline combustion engines and some electric cars with methanol-powered range extenders.
- Preliminary study of methanol as propellant for other engines (diesel).
- Optimization and approval of Electronic Control Unit (ECU) for 105 octane M85.
- Demonstration of blender pumps according to our vision.
- Publication and promotion.