

# Meeting of PMP Informal WG 2013-11-21

## Euromot comments on NRMM engine work programme



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# NRMM engine work programme

- **Euromot members willing to participate**
  - Necessary for appropriate test facility/equipment to be provided/funded by JRC/Commission Services
  - Manufacturer in-house data should also be accepted
- **Need clarity on selected EU 97/68/EC regulatory options prior to developing test plan**
  - Pre-requisite to identify subject engines and test cycles to maximise benefit of programme
- **Key aspect: Particulate number measured from appropriate engine(s) on relevant test cycles**
  - Specific attention to passive regeneration during emission test
  - Need to check both discrete and RMC steady cycles plus NRTC

# NRMM engine work programme

- **Protocol for conducting NRMM PN measurement:**
  - HD on-highway PN test protocol from R49.06 with non-road test cycles
  - Link between test method and limit value: Any future change in test protocol would require re-consideration of associated regulatory limit value
- **Additional consideration of impact of elements not currently mandated in Swiss OAPC test but included in R49.06 test procedure**
  - IRAFs for infrequently regenerated systems
  - Crankcase emissions

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Promoting Engine in Society

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