

WLTP Phase2 Working Items and Schedule

note) Completion timing of Phase2a may have a chance to be shifted based on each item progress

| Working Items | | | | | Schedule | | |
|-----------------------------|---|---|--|---------------------------|-------------------|--|-------------------|
| Sub-Group Task Force | secondary category | brief description | remark | collaboration with EVE | 2017 74th GRPE | | 2020 80th GRPE |
| gtr amendment | | | | | Phase2a | | Phase2b |
| CYCLE TF | | | | | | | |
| | Classification&Gear shift Annex1&2 | downscale/gear shift per system power of HEV | | ✓ Germany/ Korea | | | ✓ |
| | Power to mass ratio n_min_drive Annex1&2 | Definition of mass VCC proposal for n_min_drive | carryover from Phase1b | | (✓) | | |
| | Normalization Annex7 | mainly ICE (remaining item) | ICE vehicles : completed by EU Electrified vehicle : JAPAN will re-visit necessity of trace index | | | | ✓ |
| | Drive Index Annex6 | Collaborate with "Normalization" | when apply normalization | | | | ✓ |
| Supplemental Test TF | | | | | | | |
| | Boundary Conditions Annex6 | | | | | | |
| | Low & Realistic Winter Temp | correction of R/L and fuel specification | Option | | (✓) | | |
| | High Altitude | | | | (✓) | | |
| | Auxiliary Devices Annex6 | | | | | | |
| | MAC | vehcile test ? Component evaluation ? Simplified test ? | | | | | ✓ |
| | others | vehcile test ? Component evaluation ? Simplified test ? | Electrified vehicle : JAPAN will lead | | | | ✓ |
| | Eco-Innovation new Annex | | i.e. sailing | | | | ✓ |
| | Crankcase & Idle Emissions new Annex | | | | (✓) | | |
| EVAP TF | new Annex | | strong desire to develop gtr by 74th GRPE | | ✓ | | |
| Durability TF | | | | | | | |
| | ICE | pollutants only (rapid aging method) | | | (✓) | | |

| | | | | | | | |
|---|------------|--|--|--|---|-----|---|
| | HEV & PEV | | pollutants and CO2/FC/Range (study on battery durability) | | ✓ | | ✓ |
| OBD TF | new Annex | | | | | | ✓ |
| In Service TF | new Annex | | | | | | |
| R/L | | COP & ISC | bland new | | | | ✓ |
| Pollutants | | | same requirement as current ? | | | | ✓ |
| CO2/FC/Range | | | bland new | | | | ✓ |
| E-Lab. SG | | | | | | | |
| Classification&Gear shift | Annex1&2 | method of HEV system power | | | ✓ | | ✓ |
| Normalization | Annex7 | HEV study and methodology should be completed | | | | | ✓ |
| Supplemental Test (low temp./high | Annex8 | | apply to EVs ? or not ? | | | (✓) | |
| Supplemental Test (auxiliary device) | Annex8 | vehicile test ? Component evaluation ? Simplified test ? | effect on EVs parameter | | ✓ | | ✓ |
| Post processing | Annex7&8 | | carryover from Phase1b | | | (✓) | |
| Durability | new Annex | pollutants and CO2/FC/Range (study on battery durability) | | | ✓ | | ✓ |
| OBD | new Annex | EV Unique issues | take care of unique EVs items only | | | | ✓ |
| FCV | Annex8 | OVC-FCV Flow Method | ACEA needs | | | (✓) | |
| Carryover from Phase1b | | | | | | | |
| Defear Device | Definition | | handled by Leading Team | | | | ✓ |
| Annex4 items | Annex4 | refer to WLTP-13-04e | | | | (✓) | |
| Additional Pollutant | Annex5 | refer to WLTP-13-04e | | | | | ✓ |
| dual-axis roller usage | Annex4 | | | | | (✓) | |
| feedback from RRT | all | | | | | | ✓ |