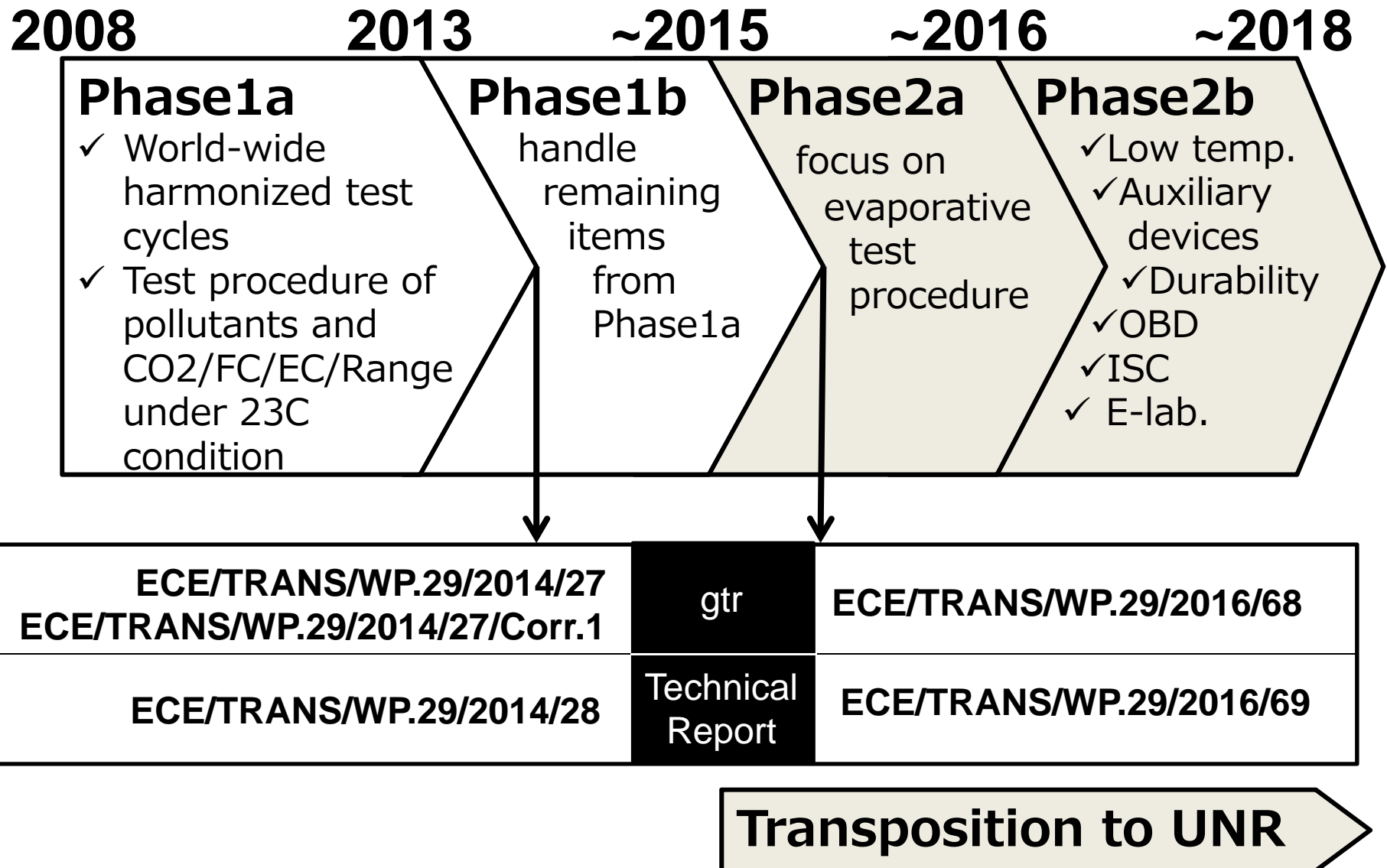


Status report
of the
WLTP Informal Working Group

Report to the 74th GRPE session
by WLTP IWG

1. WLTP Overall Schedule



2. Request for Approval at 74th GRPE

Working Items	Documentations	Key Notes
GTR #15 Amendment	ECE/TRANS/WP.29/GRPE/2017/7 (technical report : GRPE-74-05)	<ul style="list-style-type: none"> ✓ update gear shift calculation ✓ clarification/addition for road load determination process ✓ post processing for electrified vehicles
New GTR for Evaporative Emission	ECE/TRANS/WP.29/GRPE/2017/3 (technical report : GRPE-74-04)	<p>major items modified from R83</p> <ul style="list-style-type: none"> ✓ extend DBL (24 →48hours) ✓ inclusion of permeation factor ✓ adoption of WLTP test cycle

3. Key Notes of each TF_1

Working Categories	Lead by	Key Notes	Expected completion timing
Transposition to UNR	EU	<ul style="list-style-type: none"> ✓ basic concept was approved by GRPE/WP.29 ✓ will start active work after 74th GRPE 	tbd
GTR amendment	EU	<ul style="list-style-type: none"> ✓ according to each TF progress and/or input from IWG member 	when necessary
Test Cycles	EU Japan	<ul style="list-style-type: none"> ✓ HEV system power for cycle classification (collaborate with EVE-IWG) ✓ make clear for cycle modification process 	mid of 2018 completed
Cycle traceability	EU Japan	<ul style="list-style-type: none"> ✓ "Normalization" doesn't work for OVC-HEV and PEV ✓ consider "drive trace indexes" 	end of 2017

3. Key Notes of each TF_2

Working Categories	Lead by	Key Notes	Expected completion timing
Annex 2 (gear shift method)	EU	<ul style="list-style-type: none"> ✓ agreed how to define minimum engine speed (keep current method) ✓ under the discussion for down shift scenario during deceleration 	<p>completed</p> <p>end of 2017</p>
Annex 4 (road load determination)	EU	<ul style="list-style-type: none"> ✓ several improvements (WLTP-17-15e) were established ✓ dual-axis dyno. requirement 	<p>completed</p> <p>mid of 2018</p>
Supplemental Tests (low temp.)	EU	<ul style="list-style-type: none"> ✓ gathered CPs' needs ✓ challenge to seek harmonized temperature and to develop effective procedure 	<p>mid of 2018</p>
Durability	EU	<ul style="list-style-type: none"> ✓ finalized Mandate and ToR and concrete workplan was developed 	<p>mid of 2018 or later</p>

3. Key Notes of each TF_3

Working Categories	Lead by	Key Notes	Expected completion timing
Evaporative Tests	Japan EU	<ul style="list-style-type: none"> ✓ submitted working document to GRPE for approval ✓ keep discussion on sealed tank system ✓ consider other elements commented by US/Canada/China 	<p>completed</p> <p>mid of 2017</p> <p>tbd</p>
OBD	Japan	<ul style="list-style-type: none"> ✓ baseline reg. is R83 	mid of 2018
In service	EU	<ul style="list-style-type: none"> ✓ will start active work after 74th GRPE 	tbd
SG EV	EU JAPAN	<ul style="list-style-type: none"> ✓ new procedure for OVC-FCHV ✓ collaborate with EVE-IWG for HEV system power and battery durability ✓ collaborate with other TFs for unique EV related issues 	<p>mid of 2017</p> <p>mid of 2018</p> <p>mid of 2018</p>

4. Expected Actions

at 75th GRPE

Working Categories	Expected Actions
Transposition to UNR	✓ report concrete road map and ask guidance for any improvement
GTR amendment	✓ request for approval (test cycle selection when applying interpolation method, others)
Evaporative Emission	✓ report sealed tank system procedure and ask guidance for possibility to include working document