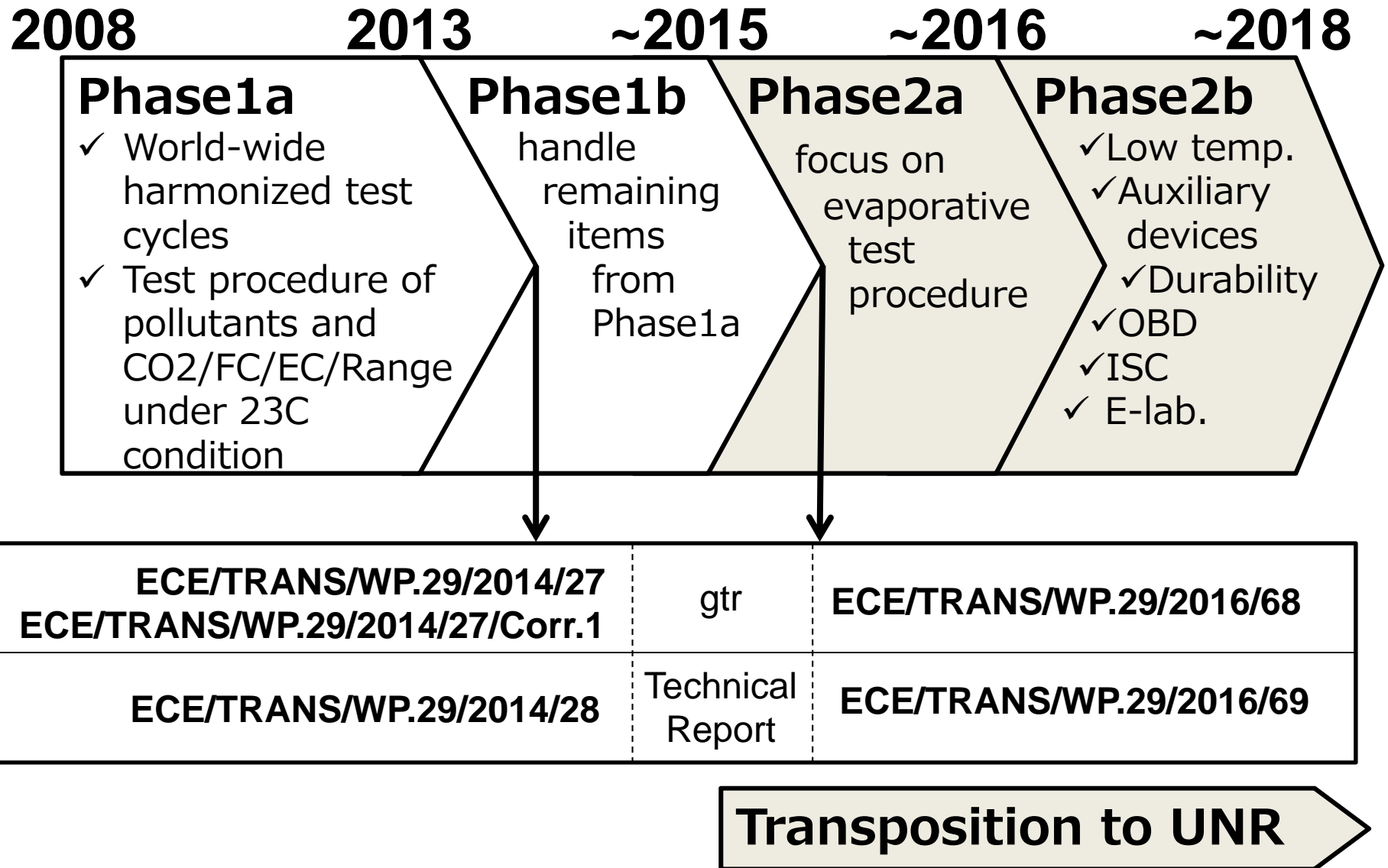


Status report of the **WLTP Informal Working Group**

Report to the 73rd GRPE session
by WLTP IWG

1. WLTP Overall Schedule



2. WLTP Phase2 Progress

~ Activities since 72nd GRPE ~

IWG Meeting SG EV Meeting and TF Meeting	Data and Venue	Main Discussion Points
13 th IWG Meeting	13 January, 2016 Geneva, Switzerland	Proposal for Working items and Organization
14 th IWG Meeting	26~28 April, 2016 Paris, France	ToR of each working items
15 th IWG Meeting	7 June, 2016 Geneva, Switzerland	Progress report by each TF
SG EV Meeting	25 April (Paris) and 8 June (Geneva), 2016	EVs Normalization OVC-FCHV
TF Meeting ➤ Evapo, ➤ Annex2/4	in conjunction with IWG and Web. conference	➤ Develop harmonized TP ➤ Improve current gtr descriptions

3. Key Notes of each TF_1

Working Categories	Lead by	Key Notes	remark
Test Cycles	EU Japan	✓ HEV system power (by EVE-IWG) for cycle classification	Collaborate with EVE-IWG
Normalization	Japan	<ul style="list-style-type: none"> ✓ Confirmed difficulty to apply to OVC-HEV and PEV ✓ Consider 3 options for move forward 	Drive index
Annex 2 (gear shift method)	EU	✓ Working on finding out how to define minimum engine speed	
Annex 4	EU	<ul style="list-style-type: none"> ✓ Make current text more clear for improvement ✓ Dual-axis dyno. requirement 	EU-WLTP
Supplemental Tests	EU	<ul style="list-style-type: none"> ✓ Gathered CPs' needs ✓ Need to develop effective test conditions and data processing 	

3. Key Notes of each TF_2

Working Categories	Lead by	Key Notes	remark
Evaporative Tests	Japan	<ul style="list-style-type: none"> ✓ Draft gtr was proposed ✓ Open for purge cycles, sealed tank system and so on ✓ US provided comments on current activities and TF will consider them for future activities 	Expect to be completed by next IWG
Durability	EU	<ul style="list-style-type: none"> ✓ Consider possibility for road-load, CO2/FC/EC/Range in addition to Pollutants ✓ Struggling to define battery durability (technical difficulty) 	Collaborate with EVE-IWG
OBD	Japan	<ul style="list-style-type: none"> ✓ Gathering CPs' needs by the end of June 2016 	OBD
In service	EU	<ul style="list-style-type: none"> ✓ COP, ISC 	

3. Key Notes of each TF_3

Working Categories	Lead by	Key Notes	remark
SG EV	EU/ JPN	<ul style="list-style-type: none"> ✓ HEV system power for classification ✓ Battery durability ✓ Handle EV related items of each TF ✓ OVC-FCHV 	Collaborate with EVE-IWG
Round-Robin Test	EU/ JPN	<ul style="list-style-type: none"> ✓ Europe round and Asia round are close to completion ✓ Current measurement of starter battery need to be improved 	will be reflected to gtr, if necessary
gtr ammendment	EU	<ul style="list-style-type: none"> ✓ Several improvements of current gtr description were proposed ✓ Expect to have face-to-face meeting in conjunction with Annex 2/4 items. 	
Transposition to UNR	EU	<ul style="list-style-type: none"> ✓ Basic concept was proposed ✓ Need further discussion for hierarchy scheme 	

4. Next Actions

TF	2016/ 6	7	8	9	10	11	12	2017	2018	2019
Evapo. TF	TF and/or Web. conf. as needed → ★ All Open Issues are expected to be closed ↓ ★ Submit gtr (working document)							★ GRPE Approval		
Supplemental Durability OBD COP/ISC	Preparation (TF member, ToR, collaboration with EVE) → ★				Actively start			→		
others	Please refer to GRPE-73-xxe									

Next WLTP IWG Meeting(sweet 16th)

Date : Sept. ~ Oct., 2016

Venue : tbd