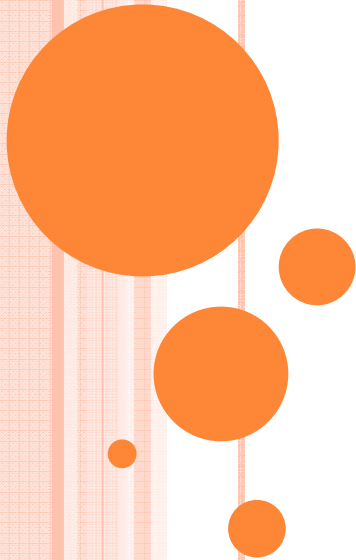


DETA-05-05

PRESENTATION TO INFORMAL GROUP ON DETA

**Shrikant Marathe,
Director, ARAI**





PRESENTATION TO INFORMAL GROUP ON DETA

Indian Automotive Sector

Automotive Regulations in India

India and Global integration



The Largest Tractor producer
The Second largest Two wheeler producer
The Second largest Bus producer
The Eight largest CV producer
The Ninth Largest Car producer
Major producer of automotive components



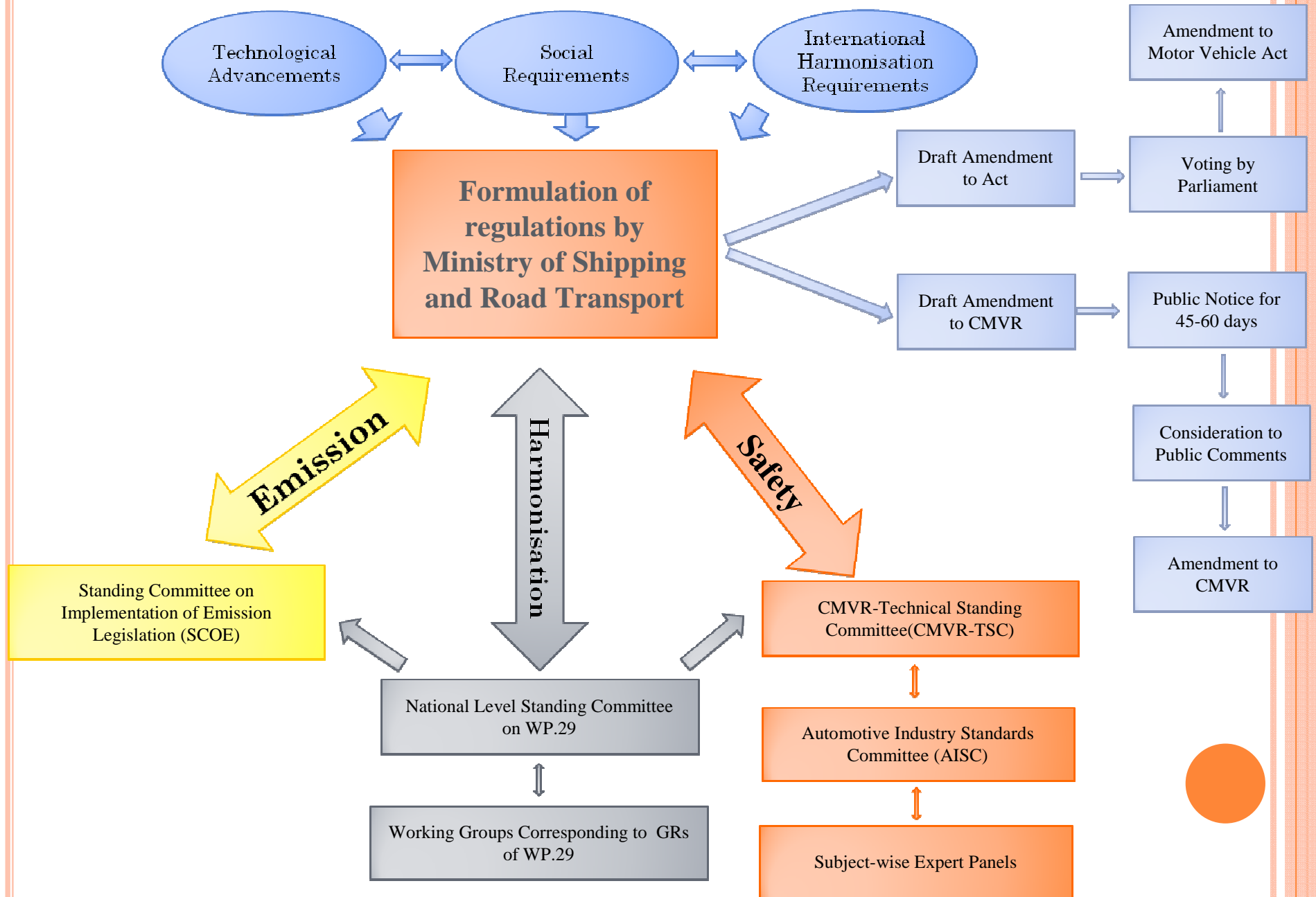
THE INDIAN AUTOMOTIVE SECTOR

Government of India

MOST MAJOR MANUFACTURERS PRESENT IN INDIA



PROCESS FOR REGULATION FORMULATION



PRESENT REGULATORY SYSTEM IN INDIA

- Mandatory standards in India are in the form of Automotive Industry Standards (AIS)
- India has attempted harmonization with ECE regulations to the extent possible. Depending on specific Indian requirements some special tests are also incorporated in the Indian regulatory standards
- Till date 78% of ECE regulations are **technically** aligned



INDIA AND GLOBAL INTEGRATION

- ▶ India decided to be an active member of the process of harmonisation of global technical regulations.
- ▶ Started contributing as an Observer in WP 29 from 2003
- ▶ Joined 1998 agreement in April 2006.
- ▶ India quite happy that
 - GTRs are based on consensus
 - GTR takes into account regional issues
- ▶ India is in the process of integration GTR's into regulatory system
 - ***India investing 500 Million USD in increasing testing capability – National Automotive Testing and R&D Infrastructure Project (NATRIP)***



INDIAN APPROACH

- ▶ India actively working on understanding the technical and commercial issues related to 1958 agreement
- ▶ Also working on the preparatory steps which are absolutely essential before taking up this important step of joining 1958 agreement.
- ▶ Preparation of a concrete plan of the entire process
- ▶ We expect a time frame of about 2~3 years for carrying out all these steps to ensure our readiness in joining 1958 agreement.



THE 1958 AGREEMENT : PERCEPTIONS

- Mutual recognition of approvals has also technical and commercial impact
- No laid down norms for certifying a test agency in 1958 agreement. Approval criteria for certifying agencies, therefore, could have differences in different countries
- The voting pattern in the agreement is a matter of concern majority with one block
- Many times politics over rides technical correctness.
- Most meetings in outside Asia



INDIAN APPROACH

- Evaluating the need and necessity to join the 1958 agreement
- Reviewing the legal implications for Implementation of all the necessary preparatory steps
- Seeking some solution to the current issues with the 1958 agreement need your support
- India expects that this process could take approximately 2 years or more depending on outcome



Conformity of Production (CoP) Certification

- CoP for **Mass Emission** Standards **since 1993**
- CoP Period - At least once in a Fin. Year OR based on Plant-wise Production Quantity of Vehicles
- Scope extended to Agri. Tractors, Power Tillers, Construction Equipment Vehicles, Gen-Sets,
- **Safety critical Components** brought under purview of CoP **w. e. f. Apr 2009, Oct 2009, Apr 2010**



G S R 784 (E) dt 12th Nov '08 w.e.f. 1st Apr 2009

7. In rule 124 of the said rules, after sub-rule (3), the following sub-rule shall be inserted, namely:-

“(4) The procedure for type approval and establishing conformity of production for components, listed in table below, shall be in accordance with AIS : 037- 2004 till the corresponding BIS specifications are notified under the Bureau of Indian Standards, Act, 1986 (63 of 1986)



Component Type Approval

TABLE

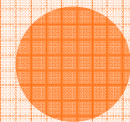
CoP AIS: 037- 2004

Sl. No.	Component	Reference Rule	Effective for vehicles manufactured on and from
1	2	3	4
1	Safety Glass	Rule 100 (2), (3) and (3A)	1st April, 2009
2	Brake hose	Sr. No. 2 of Table of SO 1365(E) dated 13.12.2004 and Sr.No.3 of 124 (A)	1st April, 2009
3	Horn	Rule 119 (1)	1st April, 2009
4	Tyre	Rule 95 (1)	1st April, 2009
5	CNG regulator	Sr.No.3 of Annexure IX	1st April, 2009
6	LPG vaporiser/regulator	Sr.No.3 of Annexure VIII	1st April, 2009
7	Bulb	Sr.No.1 of Table of SO 1365(E) dated 13.12.2004. and Sr.No.1 of 124 (A)	1st October, 2009
8	Rear view mirror	Rule 125 (2)	1st October, 2009
9	Speed limiting devices	Rule 118 (1)	1st October, 2009
10	Safety belt	Rule 125 (1-A)	1st October, 2009
11	Wheel rims for M & N category	Sr.No.8 of Table of SO 1365(E) dated 13.12.2004	1st October, 2009
12	Lighting and light signaling devices for M & N category	Sr.No.20 of Table of SO 1365(E) dated 13.12.2004	1st October, 2009
13	Retro-reflectors for M & N category	Rule 104 (4) and 104-A(vi)	1st October, 2009
14	Warning triangle	Rule 138 (4) (c)	1st October, 2009

Harmonized Type Approval Certificate

'Delta' Initiatives for quick homologation (Documentation for **e**lectronic **t**ype **a**pproval)

- ▶ **Paperless submission / On - Line acceptance. . . !**
- ▶ **Automatic tracking for on-going documents.**
- ▶ **Electronic storage & retrieval of documentation.**
- ▶ **Master set of specifications & certificate in CD version.**
- ▶ **Simplifying the documentation by Standard Templates.**
- ▶ **Type Approval Handbook (CD) for**
 - **Quick CMVR reference**
 - **Update in the Legislation**





***THANK YOU
FOR
YOUR KIND ATTENTION***