



Organisation for Economic Cooperation and Development

Expert Group Meeting (EGM), UNESCAP

26 July 2011

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OECD

Codes & Schemes

Paris, France

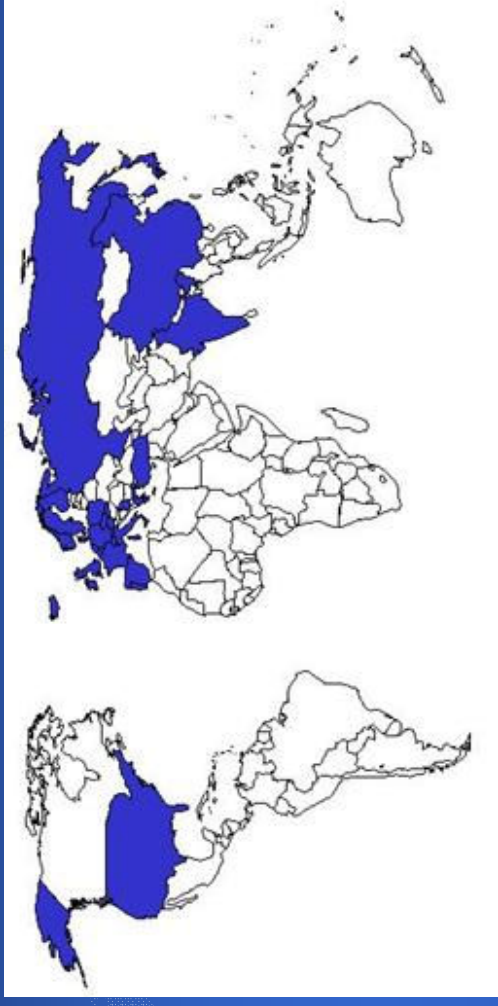


Codes and Schemes

- Participation open to **all countries**
- **Voluntary** programme – self financing
- **Currently 63 countries**
 - Equal voting rights
 - First step to participating in other activities
 - Annual contribution
- **Four Schemes:** – Seed Scheme
 - **Tractor Codes**
 - Forest Scheme
 - Fruit and Vegetable Scheme



27 Participating countries



National Designated Authorities (NDAs)



implement the Codes



Non-OECD members:

- China
 - India
 - Russian Federation
 - Serbia
- Testing Stations to perform tractor tests according to the Codes



THE OECD TRACTOR CODES

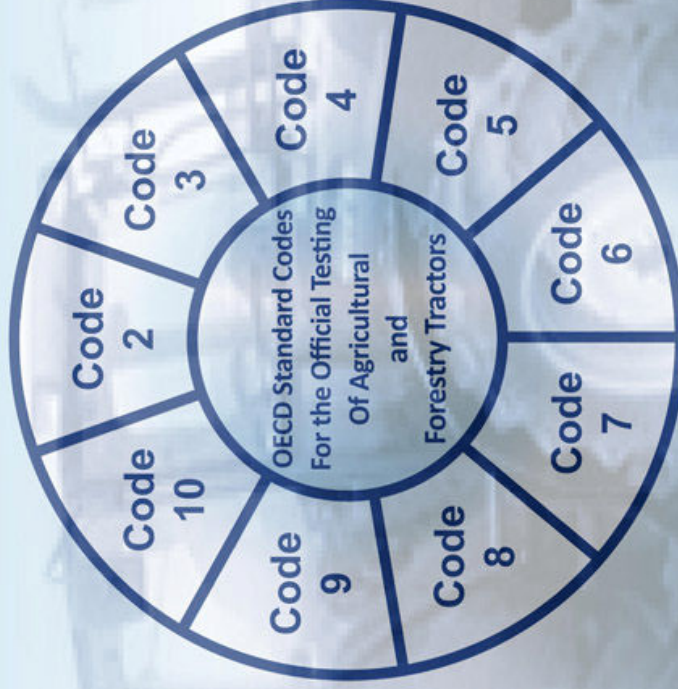
Code 2:
the performance of tractors

Code 4:
the strength of protective structures for standard tractors (Static Test)

Code 8:
the strength of protective structures on tracklaying tractors

Code 9:
the strength of protective structures for telehandlers

Code 10:
the strength of falling object protective structures for agricultural and forestry tractors



Code 3:
the strength of protective structures for standard tractors (Dynamic Test)

Code 5:
noise measurement at the driver's position(s)

Code 6:
the strength of the front-mounted roll-over protective structures on narrow-track wheeled agricultural and forestry tractors

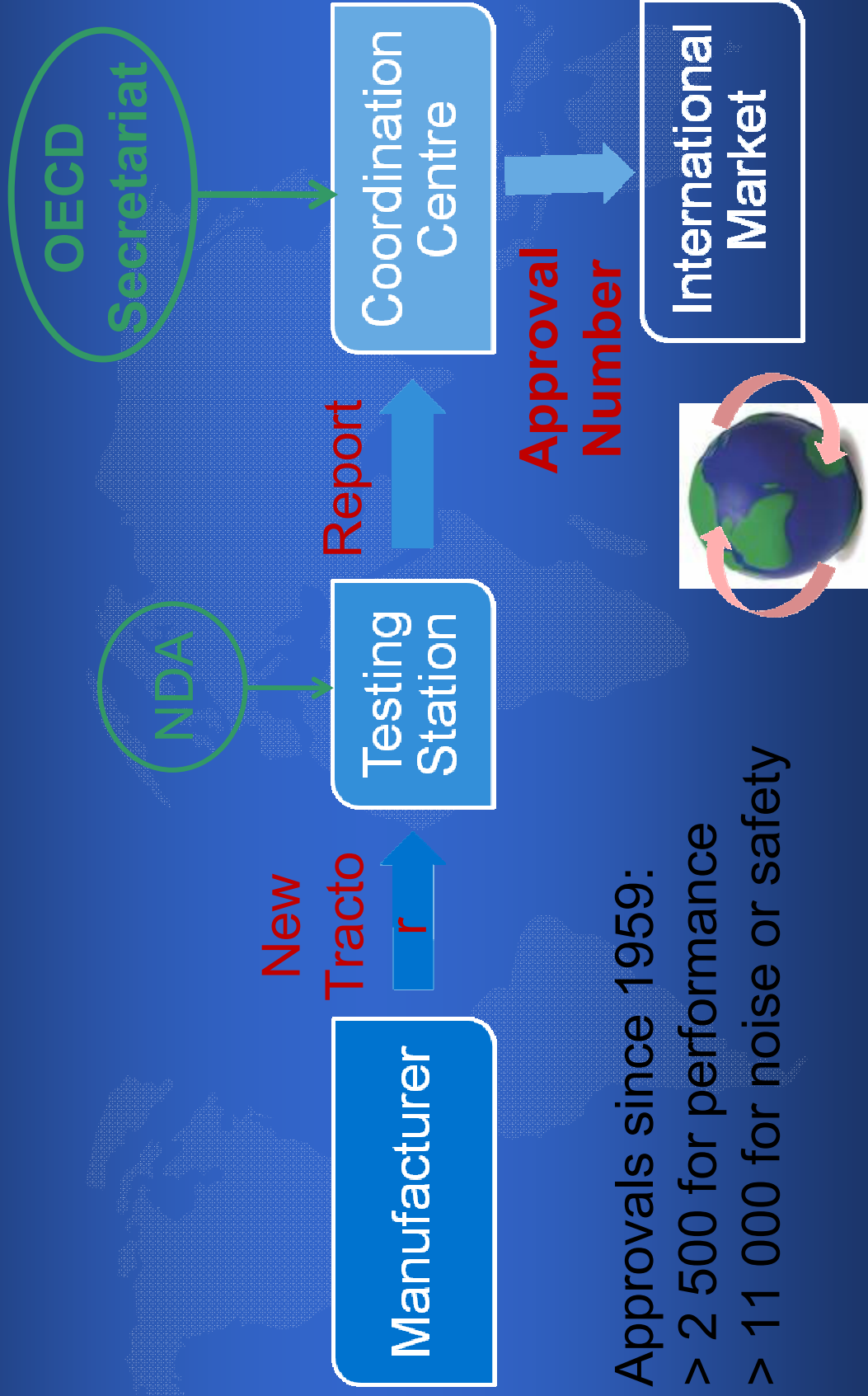
Code 7:
the strength of the rear-mounted roll-over protective structures on narrow-track wheeled agricultural and forestry tractors



www.oecd.org/tad/tractor



How does it work?



Approvals since 1959:
> 2 500 for performance
> 11 000 for noise or safety



Objectives

“one tractor – one description – one test”

- simplify existing international trade procedures,
- establish specifications and basic performance criteria
- ensure an acceptable level of quality for trade
- Enhance transparency
- Improve testing procedures



Benefits

- **Facilitate trade through the use of internationally recognised standards**
- **Contribute to health & safety requirements**
- **Contribute to improving environmental standards...**
- **Improve collaboration between international standards setting bodies...**
- **Share information and knowledge on best practices ..**



Benefits

Governments/Public

Create a business environment to facilitate international trade

- Test methods
- Quality control
- Reduced trade barriers

Companies/Private

Reducing regulatory costs

Companies can be:

- tractor manufacturers
- tractor sellers
- tractor users

End user – Farmers

- Quality products
- Comparable information



OECD STANDARD CODES





New Challenges

- Performance Code --
 - Environment/climate change: pollution issues
 - Biofuels – blending/economic aspects
 - Reduced fuel consumption – engine efficiency
 - Emission control technologies –(SCR, DPF)
 - Precision farming -- e.g. GPS
 - Temperature during PTO testing ...



New Challenges

- **ROPS --- Codes 3-9**
 - Review of the underlying formula...incr tractor mass
 - Changing shapes of cabs – round
 - Braking requirements
 - Seat belt anchorage mechanisms
 - Other.. noise levels, tolerance,..
- **FOPS – Code 10**
 - Composition of the material
- **ROPS for Other Farm Machinery**
 - Working Group established ----



OECD Standard Codes for the Official Testing of Agricultural and Forestry Tractors

2011



BETTER POLICIES FOR BETTER LIVES

DES POLITIQUES MEILLEURES POUR UNE VIE MEILLEURE

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT
TRADE AND AGRICULTURAL DIRECTORATE

Paris, February 2011



16th Biennial Test Engineers' Conference

27-29 September 2011

Hosted by DLG in Gross-Umstadt,
Germany



www.oecd.org/tad/tractor

2011		Germany
2009		Korea
2007		Turkey
2005		China
2003		Spain
2001		Finland
1999		Czech Rep.
1997		Japan
1995		Italy
1993		Switzerland
1991		United States
1989		Austria
1987		Sweden
1985		France
1983		Germany
1981		United King.



Special Edition

OECD Codes and Schemes

For the
50th Anniversary of OECD

