Expert Group Meeting (EGM), UNESCAP
26 July 2011

Michael M. RYAN

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)

Testing Stations to perform tractor tests according to the Codes

Non-OECD members:
- China
- India
- Russian Federation
- Serbia
THE OECD TRACTOR CODES

- Code 2: The performance of tractors
- Code 3: The strength of protective structures for standard tractors (Dynamic Test)
- Code 4: The strength of protective structures on tracklaying tractors
- 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
- Code 8: The strength of protective structures for telehandlers
- Code 9: OECD Standard Codes for the Official Testing of Agricultural and Forestry Tractors
- Code 10: The strength of falling object protective structures for agricultural and forestry tractors

www.oecd.org/tad/tractor
How does it work?

Approval Number

International Market

Coordination Centre

OECD Secretariat

Testing Station

NDA

New Tractor Report

Manufacturer

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

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

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

www.oecd.org/tad/tractor