



# Tractor Codes Sub-Working Groups



## How can OECD Tractor Codes support?

OECD Tractor Codes are an integrated system of standardized tractor tests for performance and safety certification, and mutual recognition agreements established in 1959.

OECD Tractor Codes are **voluntary**, tractor **manufacturers can choose** to certify their machines using OECD Tractor Codes approval numbers or use other national or regional systems.

Harmonized technical standards/guidelines that people recognise, have the extra advantage of facilitating the flows of goods through the border, **saving everyone time and money**. This is what common standards/guidelines do: they help build trust and facilitate smoother trade.



## OECD Tractor Codes setup a **Sub-Working Group on ‘Robot’ tractors/Autonomous Machines.**

### Mandate:

- to exchange information on actual developments in agriculture, industry, research, etc.
- to liaison with ISO TC23 SC19 for the 18497 work (especially the Part 4 work) and reinforce collaboration with other relevant organizations (Agricultural Industry Electronics Foundation, European Commission, relevant United Nations bodies, CEMA, AEM, etc.)
- to identify issues hindering the development and use of this technology (on global or regional level)
- to develop repeatable and reproducible laboratory in- / out-door tests
- to explore the feasibility of developing a common test code, focusing on minimum requirements, avoiding duplication of work (standards) and ensuring value for money to manufacturers and end users.

**Key Principles: Voluntary tests, No double testing, added value for industry, contribute to global trade.**



## Structure of the Sub-Working Group:

**Türkiye** Chair, **Japan**, and **France** the vice-Chairs and the OECD Co-ordinating Centre assists on technical matters.

Close collaboration with :

- Agricultural Industry Electronics Foundation (**AEF**)
- European Agricultural Machinery (**CEMA**)
- European Commission (**EC**)
- International standards organization (**ISO**)
- Association de la Robotique Agricole France (**RobAgri**)

**Open to OECD and non-OECD countries.**

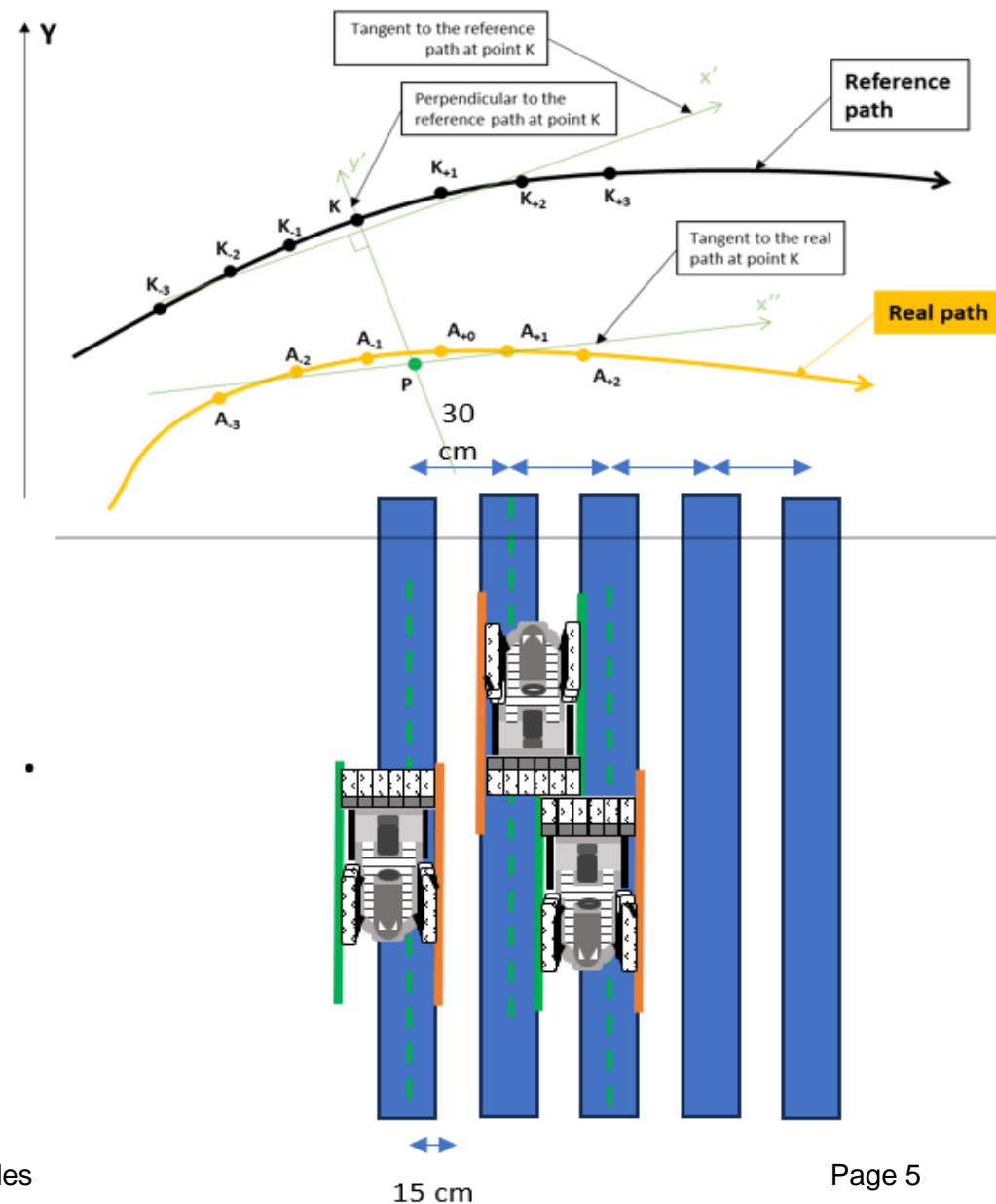


## Scope of the Sub-Working Group:

### Performance safety in the area of operation

The Sub-Working Group will continue refining the scope in the coming meetings.

**All stakeholders** (industry, government, experts and users) are **consulted**.





## Tractor Codes Sub-Working Groups

### Key Partners

- New Test Protocols for Autonomous Vehicles.



- New Energy Storage Systems (batteries)



- Electric Tractors



- New types of fuels



- Virtual Tests



- Current and Future Power Sources for Agricultural Tractors

