

*The Role of IP in providing
Sustainable Agriculture and Food Systems
in the context of Climate Change*

**Brief Introduction to plant variety protection in
supporting sustainable agriculture and
developments in UPOV**

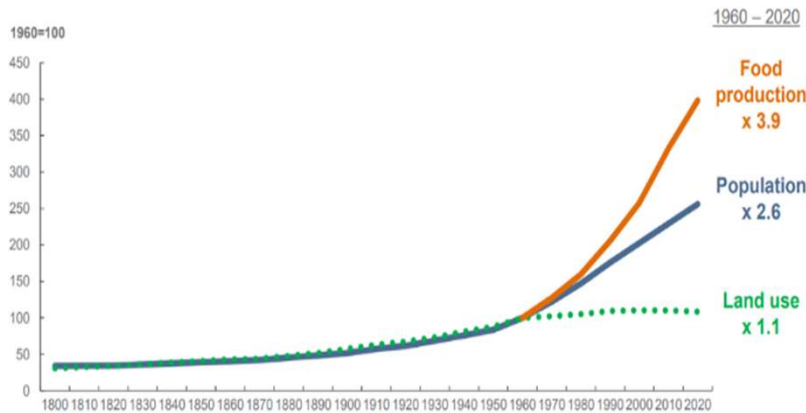
Peter Button, Vice Secretary-General

June 28, 2023



International Union for the Protection of New Varieties of Plants

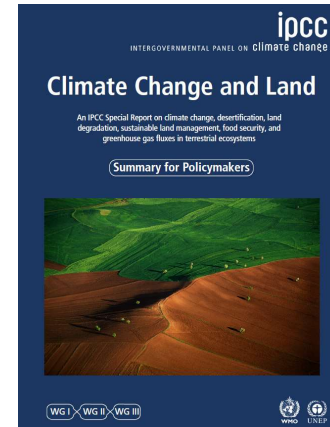
Historically, greater food production meant greater land use; but there has been a “decoupling” since about 1960



Source: Population data from Maddison's historical statistics for 1820-1940, UN Population Division for 1950-2010, 1800 and 1810 extrapolated from Maddison. Agricultural (crops and pasture) land data for 1800-2010 from the History Database of the Global Environment (HYDE 3.2), Klein Goldewijk et al. (2017). Global agricultural production data for 1960-2010 from FAOSTAT (Net Agricultural Production Index). 2020 value from the OECD/FAO Agricultural Outlook.

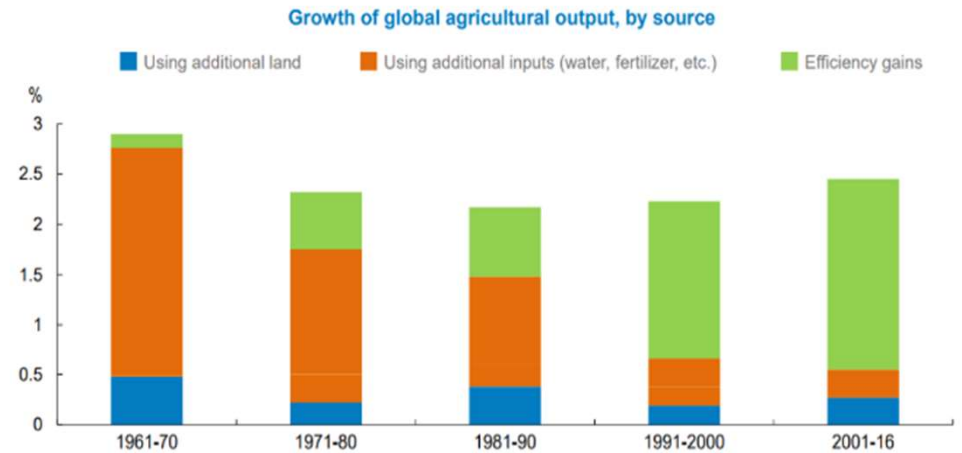
www.oecd.org/food-systems

Source: Koen Deconinck, Food Systems Webinar, OECD Trade and Agriculture Directorate



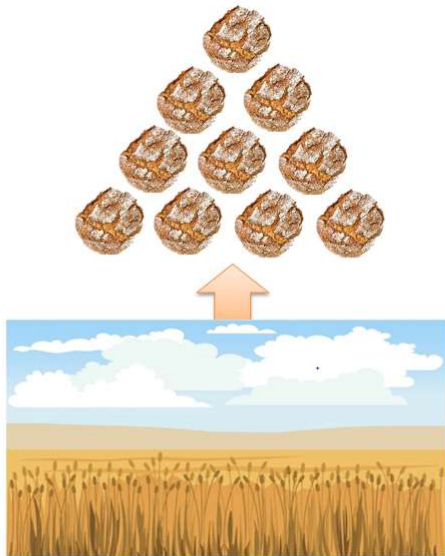
Importance of increased food productivity

This “decoupling” was initially driven by greater use of inputs, but production growth increasingly comes from efficiency gains



Source: USDA Economic Research Service, International Agricultural Productivity estimates (November 2019 revision) www.oecd.org/food-systems

Source: Koen Deconinck, Food Systems Webinar, OECD Trade and Agriculture Directorate



Historic levels of production



High performing variety

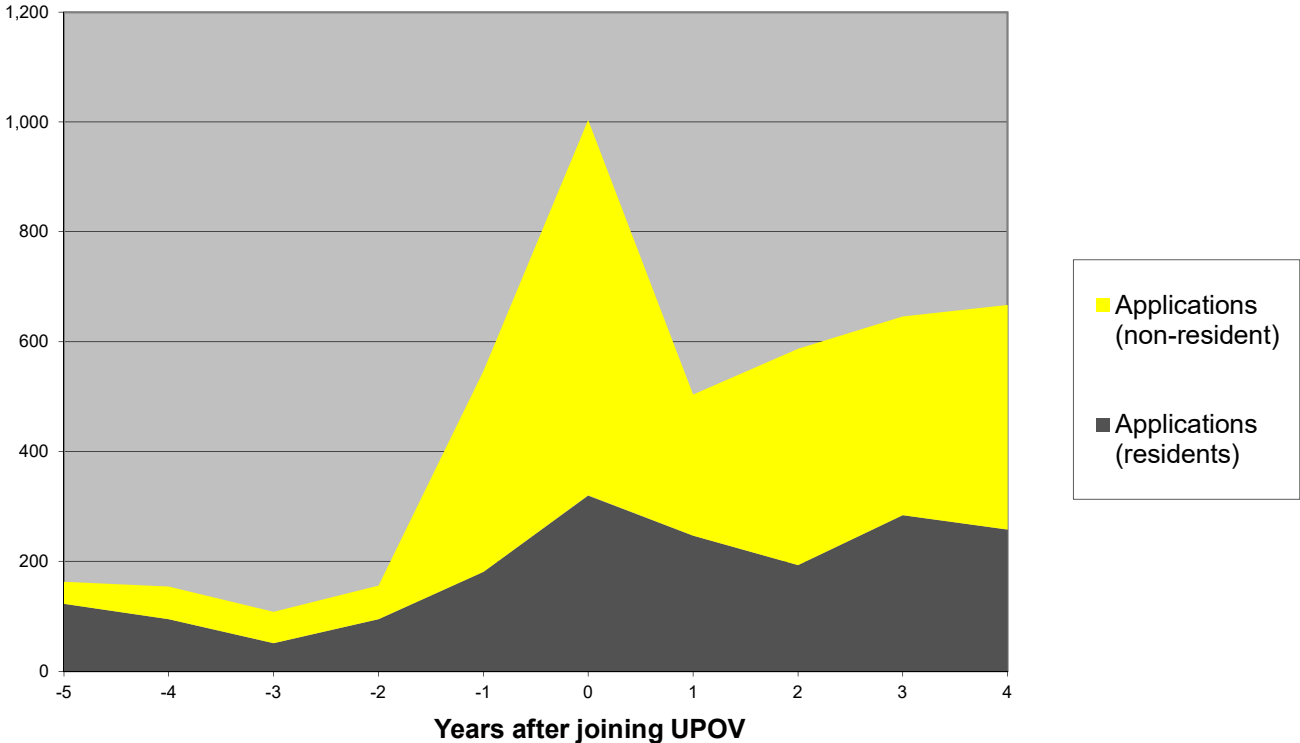


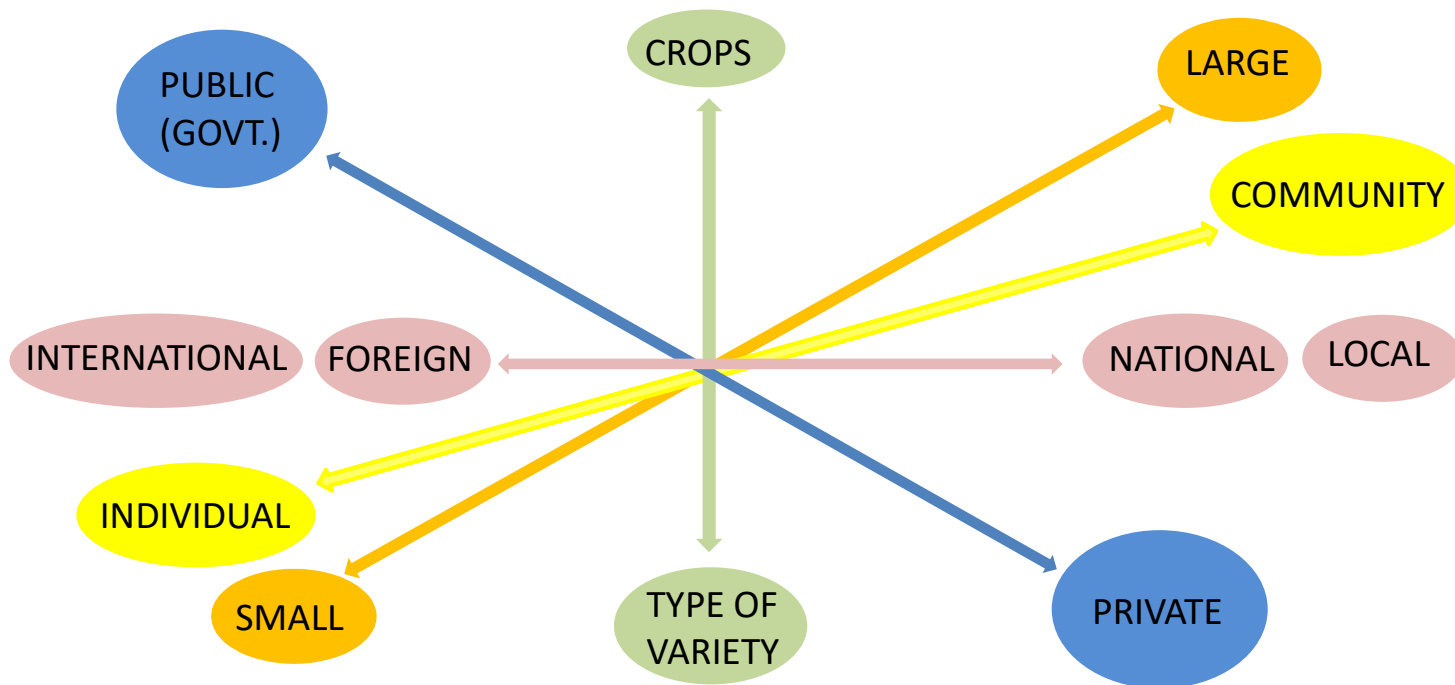


MISSION STATEMENT

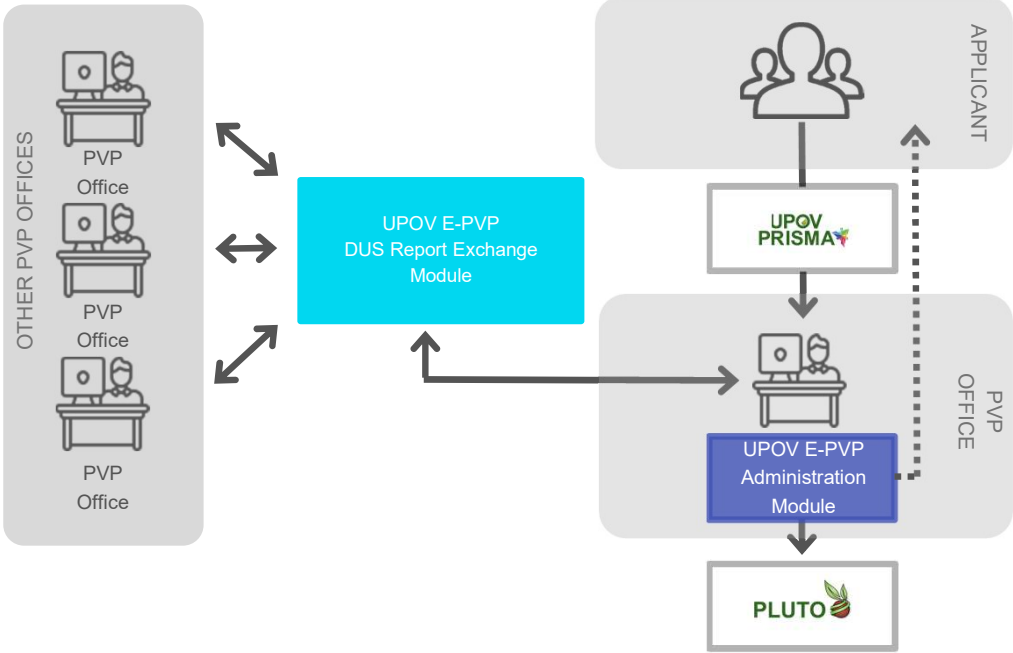
**To provide and promote
an effective system of plant variety protection, with the aim of
encouraging the development of new varieties of plants,
for the benefit of society**

Latin America Countries acceding to UPOV between 1994 & 2000



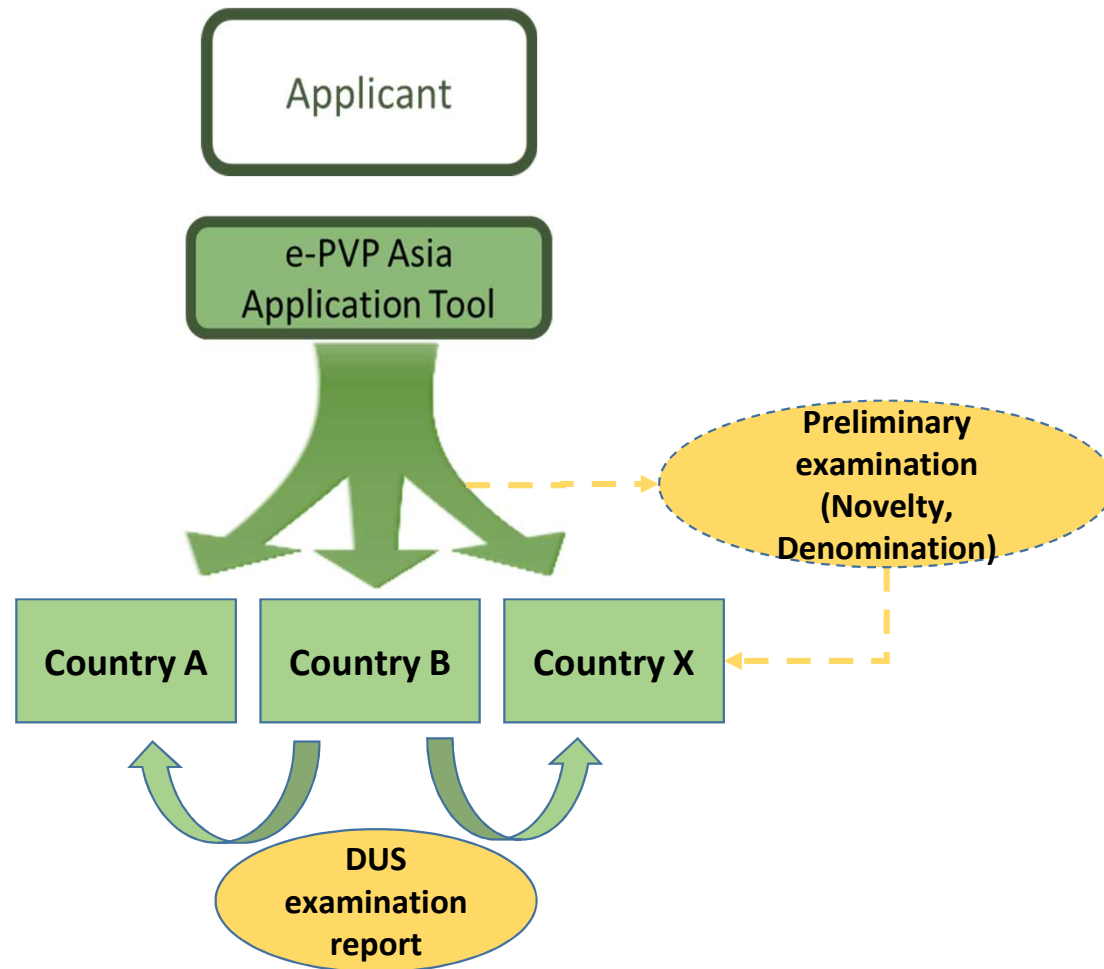


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