

**Happy New EuroXanth Year!
2018**

Participating Countries

BA, BE, BG, EE, ES, CH, CZ, DE,
FR, GB, GR, HR, HU, IL, IT, MK,
NL, NO, PL, PT, RS, SE, SI, TR

Challenge

Present, emerging or re-emerging plant diseases due to infection by of the genera *Xanthomonas* and *Xylella* are continually challenging food security and cause significant losses to the EU economy each year, thus demanding for concerted R&D actions at the international level, which will be supported by the COST Action networking instruments.

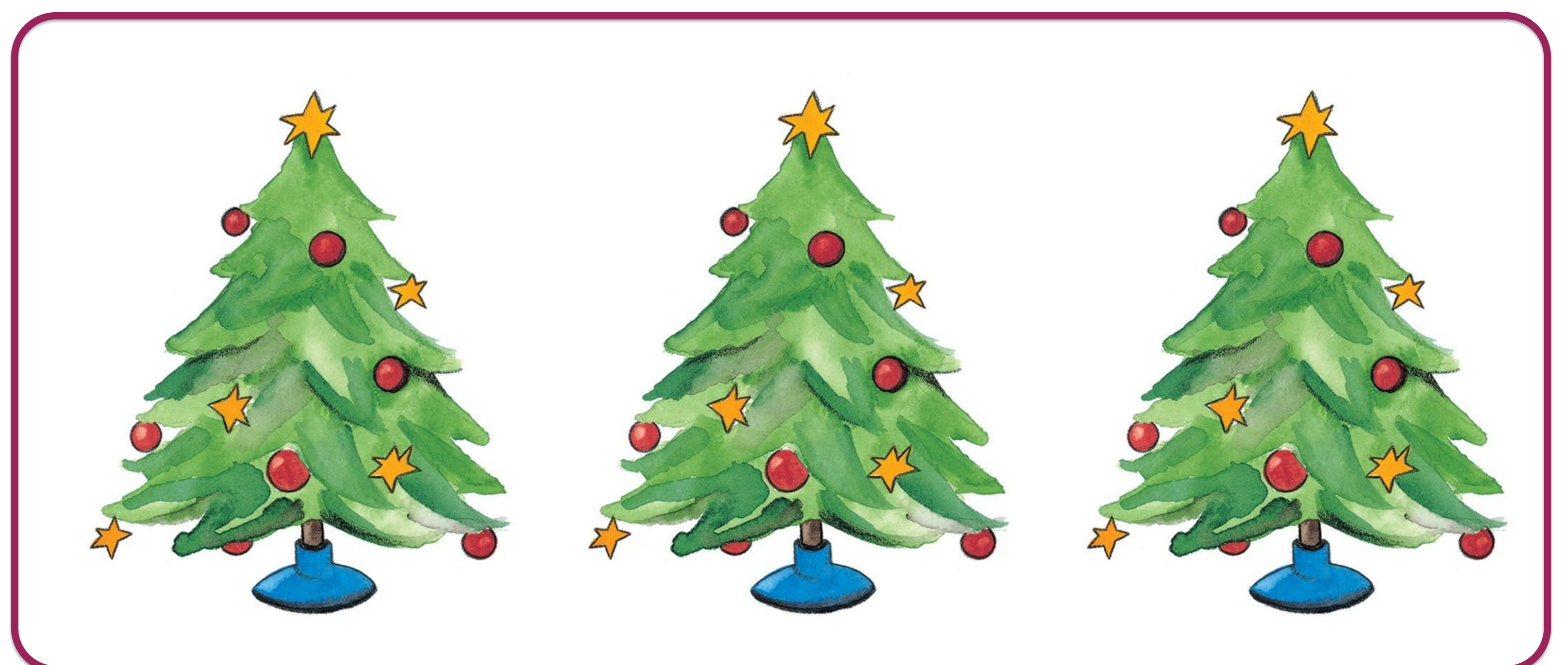
Working Groups

WG1 – Diagnostics & Diversity

WG2 – Pathogen Biology

WG3 – Resistance & Defence

WG4 – Disease Management



Objectives

- ✓ Develop, implement, compare and standardize methods of pathogen detection
- ✓ Estimate the risk of epidemics and outbreaks
- ✓ Develop, distribute and valorize bioinformatics tools for data analysis
- ✓ Identify key bacterial factors in the microbe-eukaryote interaction at different steps of the infection/dissemination cycle
- ✓ Identify elicitors of plant defense responses as targets for resistance breeding
- ✓ Discover novel resistance traits
- ✓ Generate durably resistant crop cultivars
- ✓ Evaluate and establish disease control measures
- ✓ Evaluate and compare approaches to eliminate or reduce vector populations

Contact Details

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