



PurPest

PurPest aims to exploit the specific **Volatile Organic Compounds (VOCs)** released by pests or by the plants attacked by pests for the development of a **Sensor System Prototype (SSP)** to detect the VOCs and timely identify target pests.



Plant pest prevention through technology-guided monitoring and site-specific control



Define pest specific and general VOCs emitted by target pests or infested plants



Develop a state-of-the-art SSP that detects the VOCs

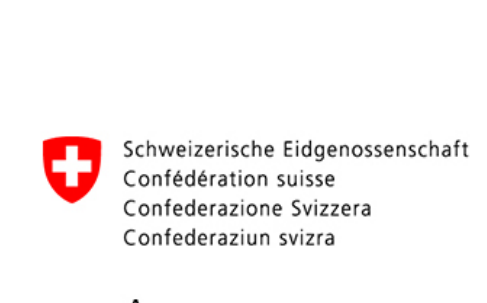
Test and validate and demonstrate SSP under import and field conditions



Identify drivers of pest establishment and spread



Maximize the implementation and impact of PurPest



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