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INEXTVIR: High throughput sequencing of the virome of agricultural crops and ecosystems across Europe

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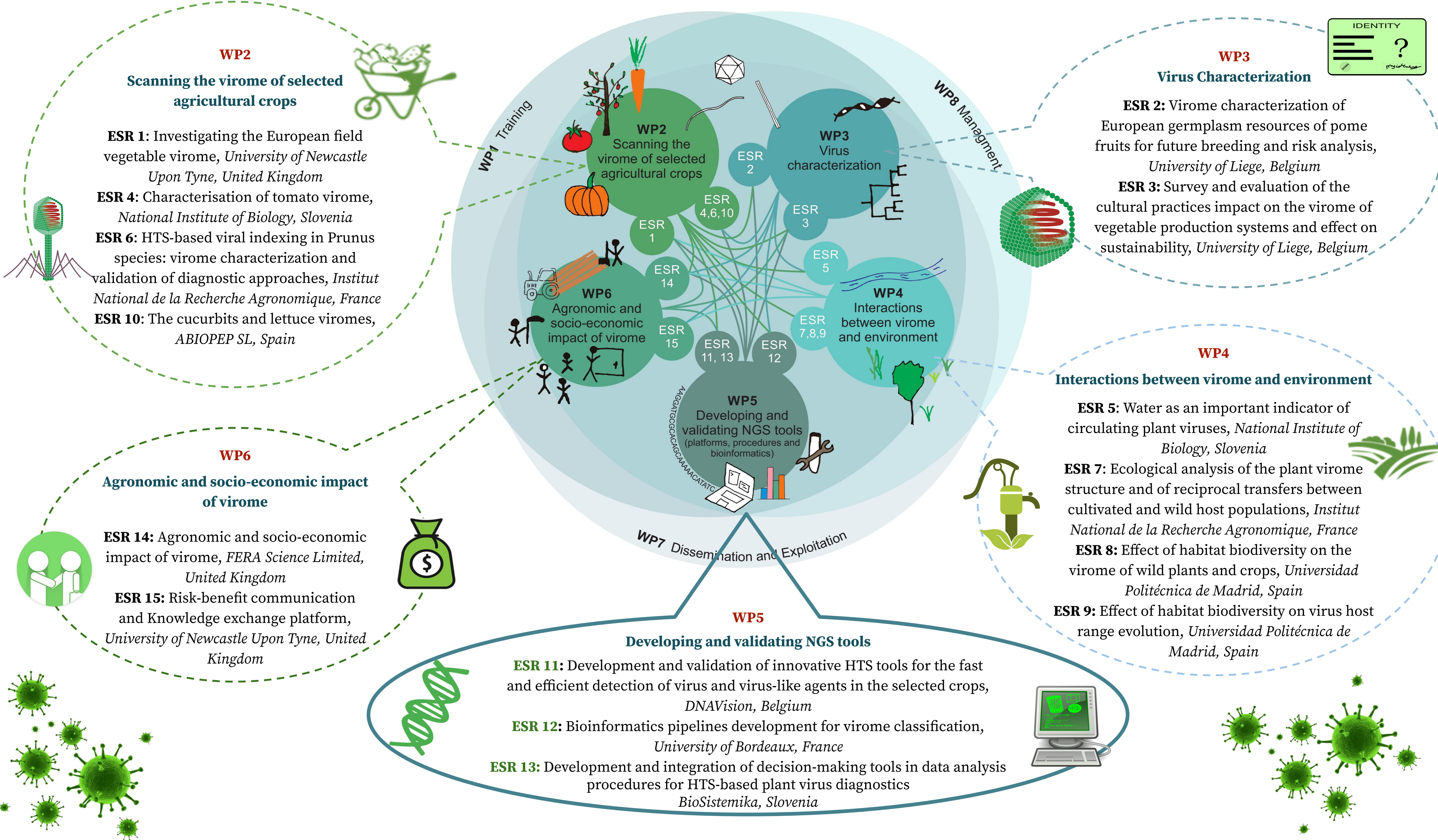
BACKGROUND

Plant Viruses cause 50% of the emerging plant diseases and pose an important threat to many agricultural crops worldwide, they are responsible for production losses estimated at € 15 to 45 billion per year.

INEXTVIR proposes a transdisciplinary research and training approach combining applied and fundamental plant virology, ecology, NGS platform development, computer science (bioinformatics), agronomical, socio-economic and regulatory sciences.

Goal: Better understand, control and exploit the virome of selected agricultural crops and ecosystems across Europe.

Benefits: Political, economic, industrial, social and environmental.



Contribution to bioinformatic and software development segments of the project

