

LIFE18/CCA/ES/001109 – VIDA FOR CITRUS



Coordinating Beneficiary: **ASAJA MÁLAGA**

DURATION: Start: 01/07/2019 - End: 30/06/2023

Total: 3.349.384 € % EC Co-funding: 1.821.655 €

Project location & Associated Beneficiaries:



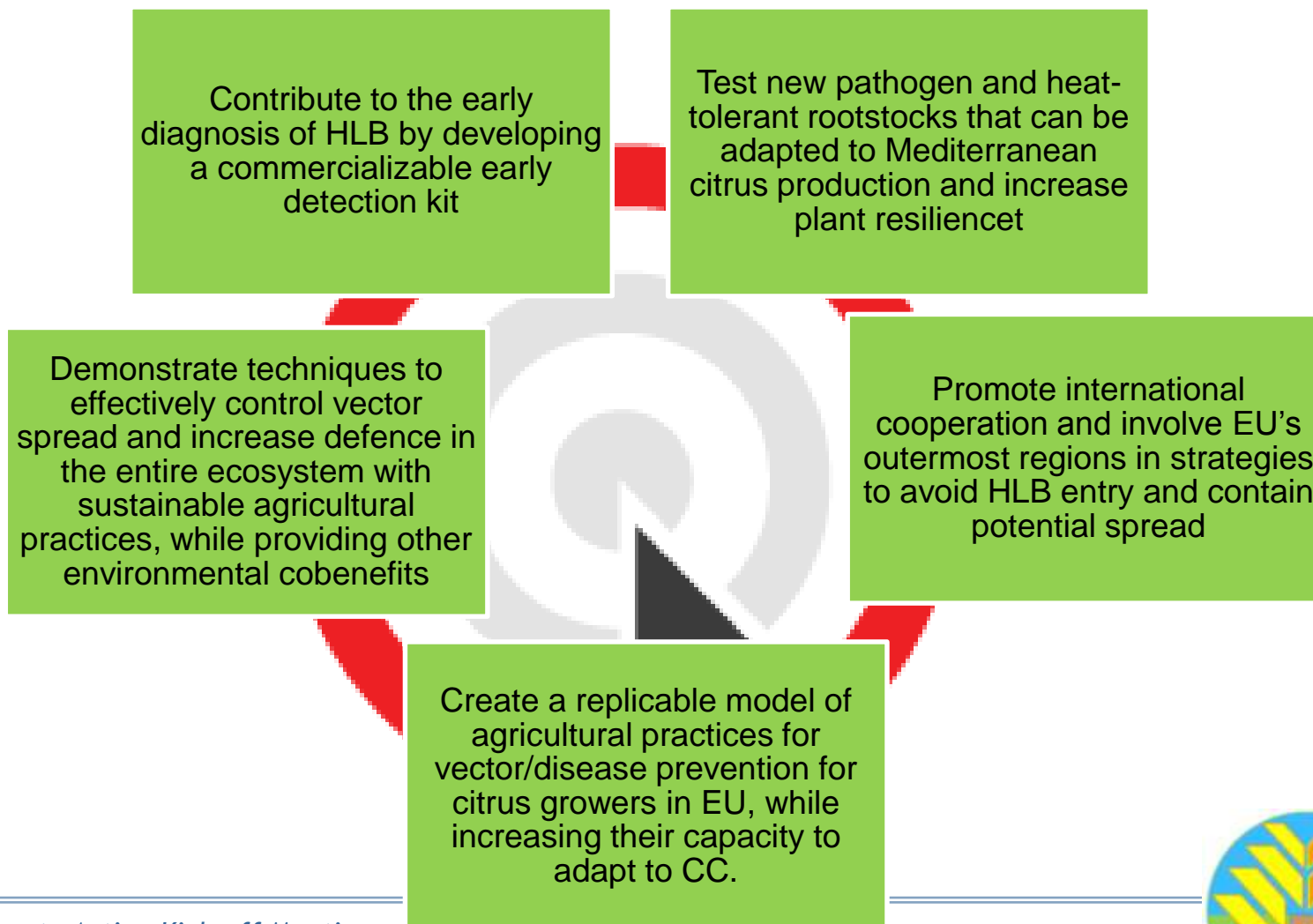
LIFE18 Climate Action Kick-off Meeting,
Brussels, 3-4 October 2019

Benjamín Faulí. Technical contact
Fernando Manrique. Financial contact



OBJECTIVES & SCOPE

LIFE *Vida for Citrus* focuses on **PREVENTION** and increasing plant and ecosystem **DEFENSES** against *HLB*



EXPECTED IMPACTS

ADAPTATION MEASURES

Testing of
new rootstocks

Contribute to the development of **best management practices** in production systems and cities

Consolidate natural vector control methods

- **Selection & evaluation of at least 3-4** new disease-tolerant citric rootstocks

- Combination of **tolerant + productive** rootstocks

- **Potential for replication** of process with other crop species

- **Limit transmission through vectors:**

- Increase biodiversity
- BC with auxiliary flora and fauna

- **Increase soil and plant health**

- Beneficial micro-organisms/ biostimulants
- Soil covers

- **Production efficiency:**

- Soil management
- Use of phytosanitary products

- **Development of Early detection kit**

- Implement in large-scale, production systems and **cities**

- **Map** vector behaviour and distribution & share knowledge via technology

IMPACT

Increased resilience:

Stronger plant rootstocks & eco-systems to combat pests/pathogens & CC

Food security:

New plant types compatible with sustainable production systems

Increased sustainability: Lower carbon footprint, soil improvement, increase of biodiversity

Increased defense:

Prevention against the vectors that can carry the greening disease (HLB)



POLICY IMPLICATIONS

Key Areas	EU policy priorities	Synergies with other EU directives/policies
SUSTAINABILITY	Directive 2014/78/EU Protective measures on harmful organisms to plant species/ 2000/29/E EU Sustainable Use of Pesticides Directive 2009/128/EC EU Bioeconomy Strategy	Circular Economy Package Roadmap to a Resource Efficient Europe
LAND USE	EU Soil Thematic Strategy	EU Forest Strategy
PLANT HEALTH	Directive 2009/29/EC (Plant health directive) Directive 2014/497/EU (Prevention and active control of pests and pathogens)	Common Agricultural Policy Strategy for Rural Development 2014-2020 Strategic Plan for Biodiversity 2011-2020

INTEGRATION INTO PUBLIC POLICY

- European Cross-Border cooperation
- Adaptation to climate change
- CAP - Greening



CONTINUATION (REPLICATION, TRANSFER, MARKET UPTAKE)

REPLICATION

- First successful prevention strategy
- Replicability in all EU countries & worldwide
- New genetic varieties of citrus plants
- New detection kit of HLB
- Successful innovative, natural, environmentally friendly vector control measures

MARKET UPTAKE

- Avoid economic losses on grand scale
- Future commercialization of new genetic varieties of citrus plants
- Future commercialization of the detection kit

TRANSFER

- Support from key stakeholders
- Low carbon footprint
- Efficient water use
- Zero-residue chemicals
- Implementation in farms and in cities
- Best Practices Handbook
- Training material for future replicators

SUSTAINABILITY

- Upscaling of best practices application for citrus orchards
- Pre-commercialization of rootstocks
- Market analysis for HLB early detection kit
- Transfer of knowledge and dissemination of results

