



SharCo

Sharka containment



## Theme 2 : Food, Agriculture and Fisheries, and Biotechnology

### Activity 2.1 : Sustainable production and management of biological resources

#### Area 2.1.4: Socio-economic research and support to policies

##### **KBBE-2007-1-4-10: Containment of Sharka virus in view of EU-expansion**

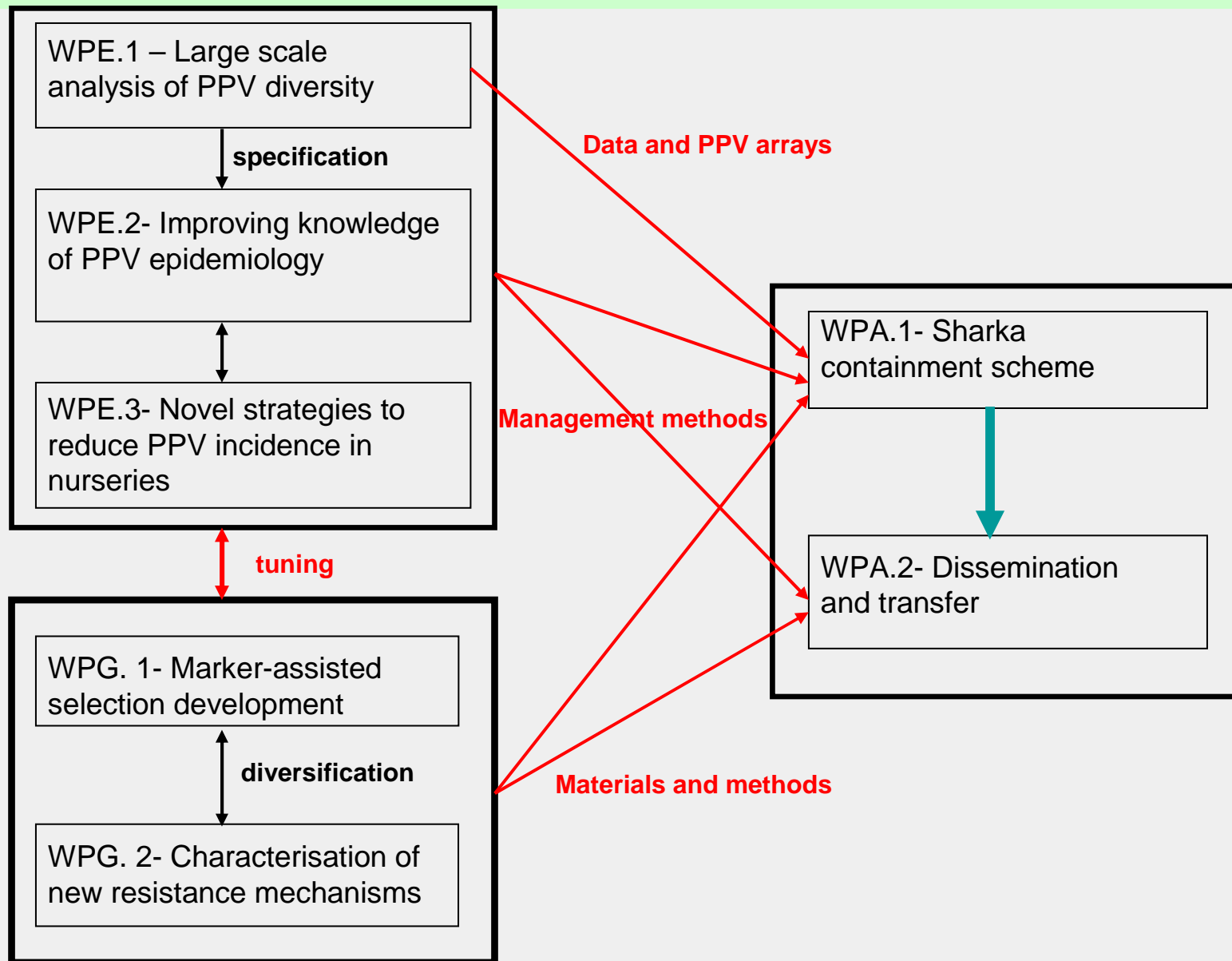
##### **Call: KBBE-2007-1**

Sharka (Plum pox virus) is considered one of the most serious diseases of stone fruit. The virus affects all *Prunus* species, including plums, peaches, nectarines, apricots and almonds. Plum pox causes high yield losses and has resulted in large areas of tree removal in Europe, where it is well established. Central Europe and the Balkans are known as endemic centres of the disease. Epidemics result in large areas of stone-fruit cultivation being destroyed, with consequent economic losses as well as related social and environmental impacts. Research in this project will look at new ways of controlling the spread of this virus, including early warning systems, research networks, use of remote sensing and other techniques that would help contain the disease. The research should focus on three complementary aspects: 1) The spreading of contaminated seedling/nursery materials; 2) Establishing guidelines for cultivation methods to contain the disease; 3) The development of genetic control based on marker assisted selection and biotechnological strategies for breeding for resistance.

**Funding scheme:** Small collaborative project

**Additional information:** Partners should include relevant institutions from Bulgaria, Romania and Turkey.

**Expected impact:** The project will deliver a risk management system for this important plant disease and, thus, minimise the impact of the disease during the accession process.



*List of beneficiaries on page 8 SharCo booklet*

# Thursday 9th



9:00-10:00 Poster session

10:00-11:00 ISHS Business meeting

11:00-12:00 Harmonization and control of PPV in EU and the rest of the world

9:00-10:00 ISHS Business meeting

10:00-11:00 **New cultivation guidelines to limit PPV spread in nurseries and orchards**

11:00-12:00 Harmonization and control of PPV in EU and the rest of the world

## Thanks for your participation !