

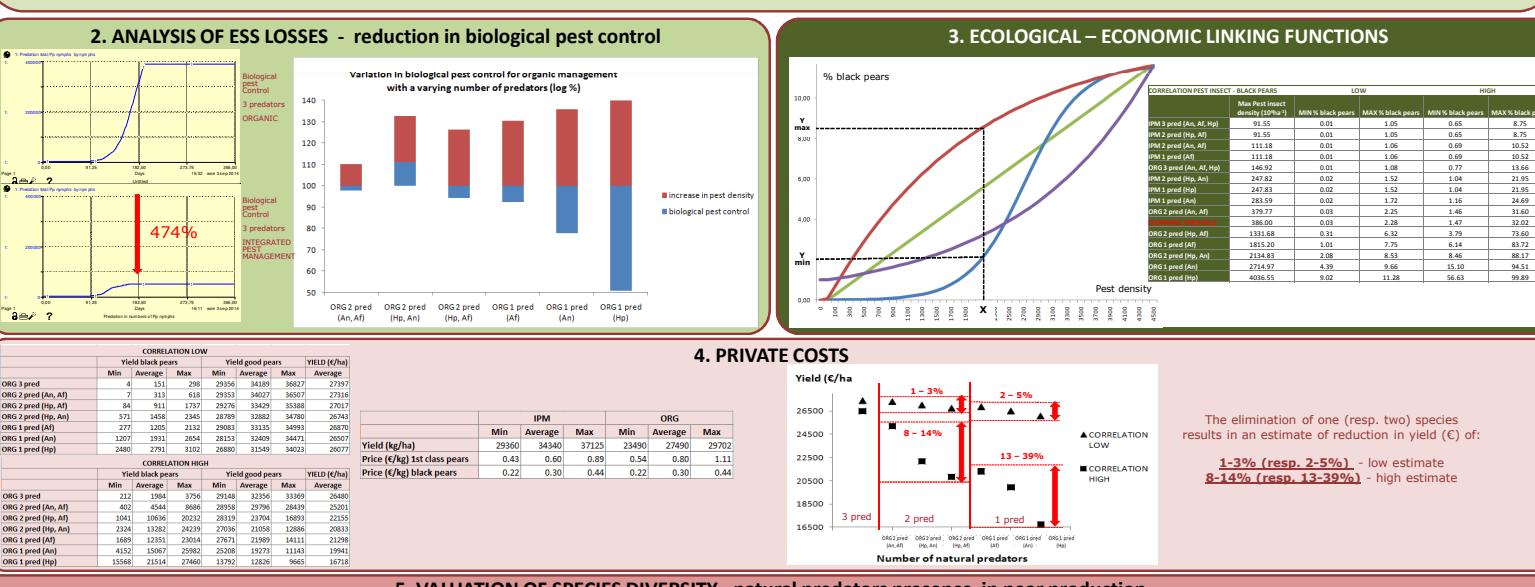
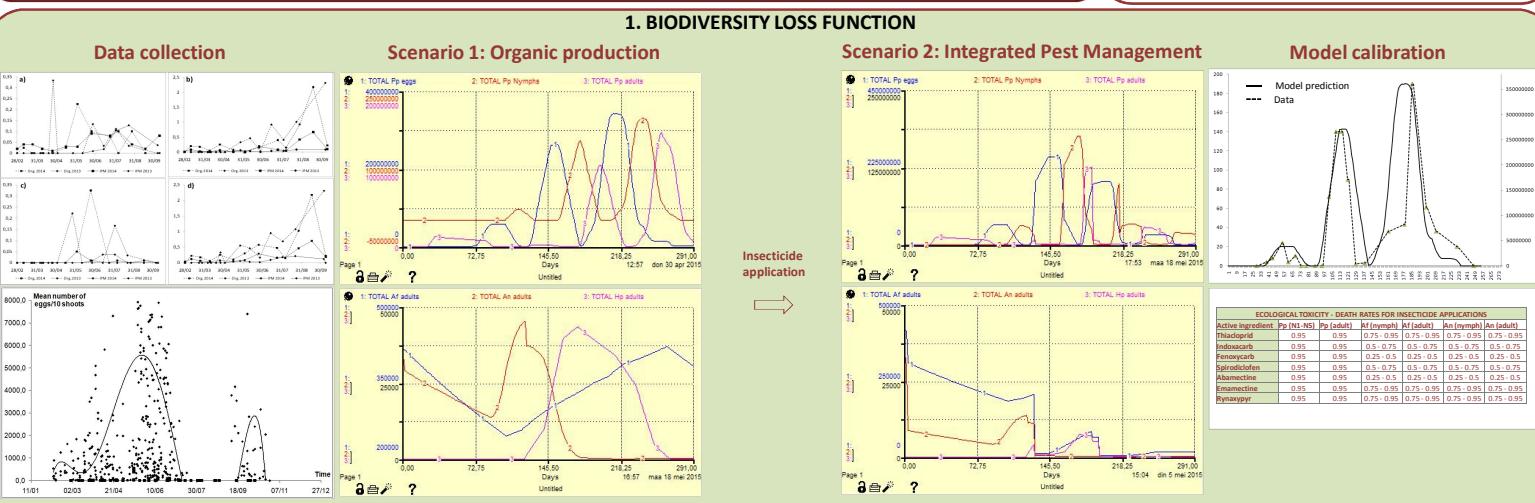
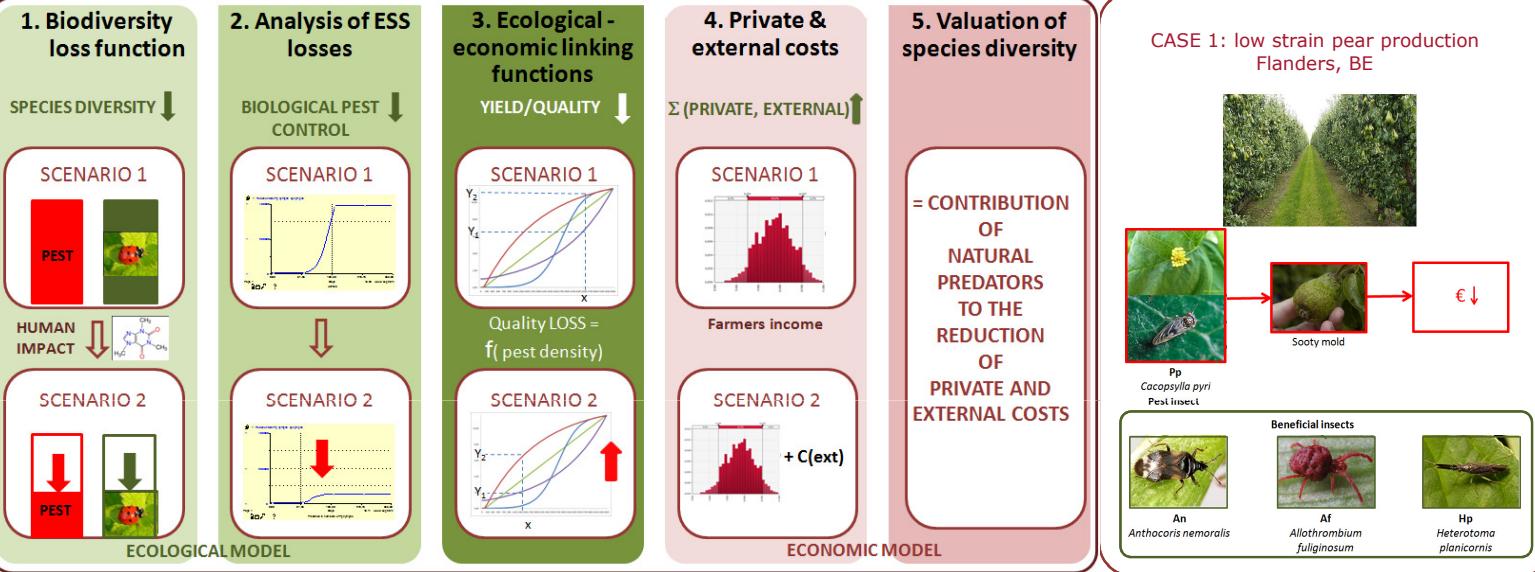
Methodological Approach for the Valuation of Biodiversity

CASE STUDY: valuation of natural predators for biological pest control in pear production, Flanders

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Research objective: development of a methodology for the valuation of biodiversity, taking into account the functional role of species in the ecosystem



- (i) Only minimal death rates for natural predators have been taken into account.
- (ii) Empirical field data suggest the pest density in IPM to be significantly higher than modelled, resulting in a higher biological pest control losses.
- (iii) The external effects of pesticide use on humans and environment have not (yet) been taken into account.
- (iv) The additional benefits of increased diversity on higher trophic levels have not been included.