

<p>Title:</p> <p>Regio Biocontrôle</p>
<p>Subject</p> <p>1) The project intends to develop and use the sterile insects technique (SIT) as the core method for the biological control of invading pests in fruit production.</p> <p>2) The primarily pest targets are: <i>Drosophilla suzukii</i> in various fruits production, <i>Cydia pomonella</i> in pome fruits and <i>Rhagoletis completa</i> in walnuts</p> <p>3) The area considered will be France (5 regions) and will be expanded to other European and North African countries such as Switzerland, Germany, Italy, Spain, Morocco , Algeria and possibly Tunisia</p> <p>4) Associated with SIT, the use of pheromones and other biologicals is foreseen</p> <p>5) the project starts with a feasibility study in order to assess the economic, technical and regulatory aspects of the project</p> <p>6) the second step will be to establish a large scale demonstration plot with the assistance of the International Atomic Energy Agency and the Canadian project OKSIR</p> <p>7) Biocontrol industries are involved for the production and the use of different biological (Koppert NV, NPP/Arysta Life Science, De sangosse, Pherobank NL) and the use of decision support tools (Consortium eProtecta)</p> <p>8) The project will start industrially and commercially in 2015</p>
<p>Specific elements assessed in the case study</p> <p>Regio Biocontrôle will:</p> <ol style="list-style-type: none"> 1) Integrate a technical/scientific group including INRA, IAEA, CTIFL and ARS –USDA in order to solve some technical aspects of the production, the sterilization and the use of sterile insects in the targeted crops. 2) Include an intensive information and training programme that will be undertaken by the ABPBI
<p>Assessments used in case study</p> <p>Cost-benefit analyses /economic viability:</p> <ul style="list-style-type: none"> - confirmation is expected due to a study running until February 2014 - The use of chemical pesticides will be avoided or only considered in extreme situations - With Regio Biocontrôle, it is foreseen to implement IPM over: <ul style="list-style-type: none"> - 20,000 ha pome fruits - 15,000 ha walnuts - 70,000 ha small red fruits, cherries, peaches, apricots

Summary of case study findings	
<ul style="list-style-type: none"> - Will be possible after 2016-17. 	
Name of the responsible and funding organization	Responsible organization: <ul style="list-style-type: none"> - Consortium Regio Biocontrôle Funding: <ul style="list-style-type: none"> - ONEMA - French Regional Councils (Conseils Généraux) Midi Pyrénées, Aquitaine, Languedoc-Roussillon, Provence –Côte d’Azur, Rhône-Alpes
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