

ITALY DAY

ABSTRACT TABLE OF PROJECT PROPOSAL

PROJECT Nr. 1

SECTOR:	Agro-Food
PROJECT IDEA IN A HEADLINE:	Promoting the development of the agro-food sector through predictive models of sustainable integrated pest management, aimed at ensuring the reduction of environment risk factors and safety of products offered to the market
INNOVATIVE POINTS:	This project aims at solving the main problem identified by European Community by Law CE 128/2009 regarding the indiscriminate use of chemical products in agriculture through a shared attempt of different partners. The implementation of forecast models can help the agricultural farmers in the phytoiatric management of species in order to reduce the use of chemical products through an integrated control of diseases, in particular through the monitoring of meteorological data and crop adversity and processing data for services notice and warning. Integrated production is an excellent tool as well as a strategic opportunity in a very different field such as agriculture. The final objective is to reduce the risks for healthy of final beneficiaries and for environment.
POTENTIAL BUSINESSES AND APPLICATION FIELDS:	Target groups are farmers and public authorities responsible for agriculture policies. Farmers will be provided of a specific tool able to reduce environmental risks and to increase safety of food products. Public authorities will be provided of data and information to implement efficient policies for agriculture. Final beneficiaries are consumers and citizens at large. Consumers will be provided of safe foods (with a controlled value of pesticides). Citizens will benefit from the fact that risks for environment will be significantly reduced.
CHARACTERISTICS OF POTENTIAL PARTNERS:	Farms; small and medium-sized enterprises involved in packaging of fruit and vegetables; companies that produce software and hardware; public and private research institutions; departments of plant pathology, microbiology departments
EU PROGRAMMES TO PARTECIPATE:	VII FP

ITALY DAY

ABSTRACT TABLE OF PROJECT PROPOSAL

PROJECT Nr. 1

BRIEF PROJECT DESCRIPTION:

WP1 – Implementation strategies: the aim is implementing and sharing strategies and tools for a proper management of integrated defence of some interesting cultivators of fruits and vegetables.

WP2 - Exchange of experiences and sharing of common practices: the aim is setting up and starting collaboration between international partners in the field of defence integrated. This cooperation will allow the exchange of available experiences and knowledge in order to optimize the agricultural and phytoiatric management of a different models host /pathogen. At the end, an economic and environmental evaluation of the identified management techniques will also be performed

WP3 - Preparation of testing fields in each country: the aim is to implement a monitoring plan positioning electronic stations for the detection of agro-meteorological data in specific sites. After that a predictive mathematical model will be defined.

WP4- Training actions: the aim is to train farmers in the territories of the partners about environment risk assessment and the use of the mathematical predictive model.