

## @ Scientific Work Packages

The workload in **TEAMPEST** is divided into several distinct Work Packages, which are coordinated by scientists from partner institutions.

Scientific Work packages	Main Scheduled Actions
<b>Work Package 1</b> Vangelis Tzouvelekas (GR) Pesticide Productivity, Efficiency, and Shadow Pricing for Stochastic Agricultural Production Technologies	Comprehensive database containing Technical Overview of Pesticides and Literature Review Theoretical Model and Empirical Evaluation of Pesticide Efficiency, Productivity, and Shadow Pricing in a Stochastic Agricultural Production Process
<b>Work Package 2</b> Konstadinos Mattas (GR) Analysis of the Effects of Pesticide Use on Farmer's Health and on their Individual Productivity Levels	A microeconomic model analyzing the effects of pesticides on farmers' productivity
<b>Work Package 3</b> Yves Surry (SE) The Costs of Achieving Environmental Targets for Pesticides	A set of catchments level policy scenarios based on management programs for reducing the risk to the aquatic environment of agricultural pesticides
<b>Work Package 4</b> Eric Giraud-Heraud (FR) Indirect Pesticides Costs on Consumers' Willingness to Pay	Evaluation of the most efficient instruments to take into account the consumer WTP of pesticides
<b>Work Package 5</b> Alfons Oude Lansink (NL) Economic Sustainability, Biodiversity Loss and Socially Optimal Pesticide Use	A Dynamic model of economic growth and socially optimal pesticide use
<b>Work Package 6</b> Theofanis Mamuneas (CY) Agricultural Support Policies and Optimum Tax and Levy Scheme on Pesticide Use in Farm Production	A dynamic model on the effects of agricultural supports on the effective pesticide use
<b>Work Package 7</b> Phillipa Nicholas (UK) Socio-Economic Factors Influencing Willingness to Adopt Low Pesticide Input Systems Among Arable and Horticultural Producers	A report of producers' willingness to adopt low pesticide input methods
<b>Work Package 8</b> Plamen Mishev (BG) Implementing policy recommendations for reducing the Indirect Cost of Pesticides	Development of a common framework comprised of the tools and methods applied in the project
<b>Work Package 9</b> Konstadinos Mattas (GR) Demonstration and Dissemination of Results	Synthetic report of all countries and case studies and a concise outlook for the whole EU Policy workshop on the External costs of pesticides

## @ Scientists & Partner Institutions

Participant Organization Name	Country	Partners
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Theoretical **D**evelopments and  
Empirical **M**easurement  
of the **E**xternal **C**osts of **P**esticides



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Project information:  
<http://teampest.agro.auth.gr>

## @ Mission

The **TEAMPEST** Project aims to provide an accurate assessment of the external costs of agricultural pesticide use and contribute to the relevant EU policies by developing tools for designing a socially optimal tax and levy scheme aimed at the reduction of pesticide use to its socially optimal level.

## @ Major Objectives

- Assess the impact of pesticide use on yield, efficiency, and productivity
- Cast the impact of pesticide use on farm operators and on residents
- Estimate the environmental effects induced by pesticide use
- Measure the sensitivity of pesticide use on food products
- Estimate the socially optimal level of pesticide use at the farm level
- Design a realistic and effective tax and levy scheme that reduces the use of pesticides to a socially optimal level from the point of view of a policy maker
- Assess producers' willingness to adopt low pesticide use production methods
- Study the feasibility of policy schemes for reducing the indirect cost of pesticide use

## @ Executive Advisory and Reviewing Committee

The **TEAMPEST** Executive Advisory and Reviewing Committee comprises:

- **Gert van Dijk** (COGECA, Brussels)
- **Peter Midmore** (Aberystwyth University, UK)
- **Dulce Ricardo** (DECO, Portugal)
- **Birgit van Tongelen** (DG Environment)
- **Francesca Ydraiou** (Hellenic Crop Protection Association, Greece)



These leading experts shall advise the **TEAMPEST** consortium in all matters ranging from the methodological framework, project improvements, insights and feedback from consumers and farmers, as well as recommend actions for addressing new pesticide control policy measures. Furthermore, these committee members represent important links to relevant stakeholders across the EU

## @ Congresses & Public Outreach

In addition to the **TEAMPEST** website, **scientific publication** activities, **dissemination** of major **TEAMPEST** results will involve regular national and international scientific **conferences** and meetings, including a conference aimed at the **External Costs of Farming Activities**. Importantly, the **broad public** and **media** will also be engaged to communicate important policy findings.

## @ Student Training & Education

**TEAMPEST** will provide high-level training to young scientists through an **Intensive Course on Modelling Tools**, to be held on 25-29 October 2010 in Wageningen University, The Netherlands. The short course is aimed at the dissemination of the modeling tools so that interested students and researchers may benefit immediately and have direct information and training on their application.