



# ENDURE

European Network for Durable Exploitation of crop protection strategies

Project number: 031499

Network of Excellence  
Sixth Framework Programme

Thematic Priority 5  
FOOD and Quality and Safety

## ***Deliverable DI3.3***

### **Detailed plan for the second human resources exchange**

**Due date of deliverable:** M14

**Actual submission date:** M14

**Start date of the project:** January 1<sup>st</sup>, 2007

**Duration:** 48 months

**Organisation name of lead contractor:** CNR

**Revision:** V3

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)	
Dissemination Level	
<b>PU</b> Public	<b>X</b>
<b>PP</b> Restricted to other programme participants (including the Commission Services)	
<b>RE</b> Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b> Confidential, only for members of the consortium (including the Commission Services)	

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## Summary

The second internal mobility plan was planned and prepared from October to December 2008. The main tool used was an internal call for all researchers working for an ENDURE partner. Twenty eight applications were received and accepted.

The mobility plan also includes the researchers of the first mobility plan that have not done their mobility during 2007 but that will have to finish it by June 2008. A total of 43 researchers are involved with a total of 90 mobility months. Ten ENDURE partners participate at the second internal mobility plan as sending and hosting partners. Throughout the period of implementation assistance, monitoring and evaluation of the stages will be done.

Other activities included in the second human resources exchange programme include i) the maintenance, update and enlarging the website which will provide and improve information on ENDURE mobility; ii) a call for two ENDURE - subsidised scholarships for co-supervised PhD; iii) a call for mobility involving two scientists from INCO countries and iv) the call for the third internal mobility plan.

## 1. The second internal mobility plan (TI3.b)

The second internal mobility plan was planned and prepared from October to December 2007. The main tool used was an internal call for all researchers working for an ENDURE partner. The call was prepared and published in the mobility pages of the ENDURE public web site at the end of October with the deadline on 30 November 2007. The call was advertised also in the ENDURE collaborative workspace.

Interested people filled in the online application form and provided approval from both hosting and sending institutions as well as a short CV.

Twenty eight applications were received and accepted. This choice was made to encourage mobility as much as possible. Some requests for rather long mobility periods done by senior researchers could not be accepted and the mobility period had to be shortened due to budget limitations.

The second internal mobility plan involves people belonging to the network's partners. The period of implementation spans from January 2008 to June 2009. Both young and senior researchers are involved. Young researcher means a PhD student or a person with less than four years research experience after his/her degree, while a senior researcher is a person with at least ten years research experience after his/her degree. For each stage, the length of the period is roughly set at 1-2 months for senior researchers and 3-6 months for young researchers.

The mobility plan also includes the researchers of the first mobility plan that have not done their mobility during 2007 but that will have to finish it by June 2008. A total of 43 researchers are involved (see annex 1) with a total of 90 mobility months. About 54% of researchers are young (up to four years of research experience). Ten ENDURE partners are participating in the second internal mobility plan as sending and hosting partners. Three researchers will spend all or part of their mobility at institutions which are not ENDURE partners because the expertise and know-how they are looking for is not available within ENDURE.

Throughout the period of implementation assistance, monitoring and evaluation of the stages will be done.

## 2. Other activities in the second human resources exchange programme

### TI3.a Information on mobility

Maintenance, updating and enlarging of the website which will provide improved information on ENDURE mobility. The re-organisation of the public web site will also give the opportunity to IA3 to better organise and structure the mobility and job opportunity pages. A new page where people looking for a job in plant protection can post their CV will be added. Status of implementation of the second mobility plan will be regularly updated and the final report of each stay will be published. Pages on job opportunities will be regularly updated according to the posted opportunities. Calls will be published and advertised.

### TI3.c Call for ENDURE - subsidised PhD scholarships

IA3 is collaborating with SA1 and contributing to extending PhD scholarships of co-supervised PhD students. This will be handled through specific calls published in the mobility web pages. It is planned to subsidise two PhD students.

### TI3.d Call for mobility involving scientists from INCO countries

IA3 will collaborate with SA3 and support the stay of a limited number of people coming from INCO countries at one of the ENDURE partner's laboratories. This will be handled through specific international calls published on the mobility web pages. It is planned to support two scientists.

For the tasks TI3.c and TI3.d resources has been allocated and details of the calls will be defined during the next two/four months.

### TI3.e Mobility planning for the third period – internal and external mobility (M18-M23)

The call for the third internal mobility plan will be issued in September 2008 and the plan of the third human resource exchange programme will be designed in conjunction with all partners.

## Annex 1: Details of the second internal mobility plan

Scientist name	Category	Sending institute	Topic or mission description	Hosting institute	Stay duration
S.K. Mathiassen	Senior scientist	AU	Comparison of different diagnostic methods for herbicide resistance	RRes	2.5 months
G. Lövei	Senior scientist		Evaluation of the arthropod community on transgenic tomato and/or eggplant using network analysis methods	SZIE	1.5 month
T. Musa	Scientist	AGROS	To be decided	DIAS	1 month
L. Eggenschwiler	Junior Scientist		The value of 'non-cropped' land on farms for conservation biological control	RRES- BBA	2 months
J. Hernández	PhD student		Survey on farm level in Denmark, UK, The Netherlands and Germany to make detailed economic description and analysis of different cropping systems and their respective crop protection methods.	Univ. Berlin -AU - RRES - PRI (WUR)	6 months
G. Mack	Senior scientist		Analysing risk-behaviour and the impact on crop protection strategies of pomefruit growers in the UK.	RRES	1 month
A. Aebi	Senior scientist		Application of population genetics to invading and emerging pests and to invading natural enemies (e.g. <i>Harmonia axyridis</i> )	INRA	1 month
D. Baumgartner	Junior Scientist		Different test studies of RA3.4 (LCA of pest control strategies) in close collaboration with the crop specialists	UdL	1 month
L. de Baan	Junior Scientist		Different test studies of RA3.4 (LCA of pest control strategies for tomato) in close collaboration with the crop specialists	INRA	1 month
M. Alig	Junior Scientist		Evaluation, implementation in the LCA tool SALCA of ART and application of the INRA-method IPHy for different test studies of RA3.4 in close collaboration with the method developers	INRA	1 month

T. Kägi	Junior Scientist		Evaluation, implementation in the LCA tool SALCA of ART and application of the Danish method USEtox for different test studies of RA3.4 in close collaboration with the method developers	AU	1 month
Hertz	post doc	JKI	To define current constraints which hamper the practical implementation of promising biocontrol approaches in outdoor crops	CIRAD	2 months
Guenther	PhD		Basic conditions and requirements for training and certification of farmers, advisors and distributors for using plant protection products in ENDURE partner states	SZIE	1 month
J. Strasemeyer	Senior Scientist		SYNOPS model; implementation of data	AGROS	1 month
S.Dachbrodt-Saaydeh	Scientist		A study exploring the management of information within the Organisation and the transfer of knowledge to different stakeholders outside the Organisation	RRES	1 month
L. Rosso	Post doc	CNR	Practical aspects of microbial selections for control of main through the release of antagonists	RRES	2 months
E. Guerrieri	Scientist		Improvement of the efficiency of natural enemies of plant pests through characterization of foraging behaviour. Volatiles involved in long-range and short-range attractiveness towards insect parasitoids in a tritrophic contest	RRES	1 month
I. Sartorato	Scientist		Biology and ecology of weed species, modelling of weed competitiveness in relation to species establishment and early growth. Protocols on ecophysiological characterisation of invasive species	RRES	2 months
L. Scarabel	Scientist		Resistance to acetyl-CoA carboxylase inhibiting herbicides in grass weeds. Characterise the genetic and molecular target-site based resistance. Use of molecular tools to perform population genetic studies and to diagnose herbicide resistance	INRA	2 months
A. Collavo	Post-doc		Resistance to glyphosate in grass weeds. Characterise the non-target-site based herbicide resistance. Use of biochemical tools to perform enzymatic studies and to diagnose herbicide resistance	Univ Cordoba	3 months
E. Kochanska – Czembor	Senior Sci.		IHAR	Powdery mildew resistance genes in wheat and barley	AGROS
J. Henryk Czembor	Senior Sci.	Fusarium in maize		Univ. Of Zurich	2 months
P. Czembor	Senior scientist	The ultimate goal of the visit is to conduct molecular analyses on Mycosphaerella graminicola isolates collected in experiments evaluating selection pressure on pathogen population		RRes	2 months
A. Przetakiewicz	Senior scientist	Detection, identification and diagnosis of plant pathogen using new and modern molecular and serological methods		PRI	3 months
L. Małgorzata	PhD student	Characterization, identification and detection of plant pathogens using new and modern molecular and serological methods.		PRI	3 months
T. Góral	Senior scientist	The main topic of the visit will be research on exploitation of resistance of wheat to Fusarium head blight and other important diseases for		AU	3 months

			control and reduction of pesticides use.		
D. Fu Dostatny	Senior scientist		Relating weed communities to management and environment using information on plant functional traits. Two contrasting systems will be studied, Polish extensive production and UK intensive production.	Rres	1.5 months
C. Compagnone	Senior scientist	INRA	Analysis, at European scale, of the advisory services organisation, the advisors/farmers relations and the farmers decision-systems. The first step will be the deeper analysis of available data coming from a recent survey among 1200 Danish farmers and a review of surveys conducted in other member states. In a second phase, specific qualitative surveys will be conducted in all participating countries	SSSUP	1 month
N. Mzoughi	PhD student		Understanding what drives farmers to adopt integrated crop protection in a comparative way, i.e., between France, Netherlands and Spain	PRI	3 months
M. Klerks	PhD		Risk analysis of the occurrence of Human pathogens on fresh products using advanced detection and monitoring technologies	AU (DIAS)	3 months
R. Trifonia	PhD		Evaluate application of a new environmentally friendly substrate in organic farming. Microbial colonization of torrefied grass fibers with the aim to develop an alternative for the use of peat in potting soil	AGROS	3 months
M. Riemens	Scientist	PRI	Management of weeds in crop protection systems aimed at suppression of Meloidogyne species	SSSUP	3 months
W. ROSSING	Senior scientist		The visits will contribute to reinforced information exchange on progress in functional biodiversity research as a cornerstone to better utilization of ecological processes at the landscape scale for pest suppression with minimum pesticide use. Opportunities for developing a joint project will be addressed.	INRA-AGROS-RRES	1 month
L. Boccaccio	PhD		Landscape and field effects on insect pests-natural enemies interactions	AGROS	3 months
S. Rouphael	PhD student	SSSUP	Training about functional biodiversity, weed seed predation especially by rodents, classification of some invertebrates for seed predation and modelling approaches regarding these topics	UdL	3 months
M. Fontanelli	PhD student		The aim of my visit to Denmark is to improve my knowledge about physical weed control strategies and machines (with particular attention to innovative tools for in-row weed control) and band steaming strategies.	AU	3 months
G. Turoczi	Senior Scientist	SZIE	Sharing knowledge on biological resources, standardization of methods	RRES	1 month
Z. Dorner	Senior scientist		Alternative methods of weed management during crop growing cycles, and the interactions between weed management and other cultural practices at farm level, different cropping systems and at different landscape structure.	SSSUP	1 month
P. Katalin	Senior Scientist		To study different new methods to follow epidemics of fungal cereal diseases.	RRES	1 month

S. Zita	PhD student		To study the different agricultural practices on the diversity of arbuscular mycorrhizal fungi.	CNR	3 months
L. Nóra	PhD student		Analysing the possibilities of implementing a biodiversity assessment tool into SYNOPS and/or creating a platform where SYNOPS and biodiversity assessment tool can run cooperatively.	BBA	3 months
M. Szalai	PhD student		Surveying the spatiotemporal modelling possibilities in western corn rootworm population dynamics at landscape-scale	RRES	3 months
M. Zalai	PhD Student		I would like to study methods of mechanical weed control, instruments of mechanical weed control and to make international scientific relations	SSSUP	1 month
D. Casado	Post-doc	UdL	Modelling and landscape management	INRA	3 months