ENDURE

European Network for Durable Exploitation of crop protection strategies

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Detailed plan for the third human resources exchange

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Dissemination Level	
PU Public	**X**
PP Restricted to other programme participants (including the Commission Services)	
RE Restricted to a group specified by the consortium (including the Commission Services)	
CO Confidential, only for members of the consortium (including the Commission Services)	

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Summary

The third plan for human resources exchange was prepared from October to December 2008. It includes plans for both internal and external mobility. The main tool used to build up the third internal plan was a call for all researchers working for an ENDURE partner. Eighteen applications were received, but only 16 of which were accepted.
The mobility plan also includes 12 researchers from the second mobility plan that have not totally or partially done their mobility during 2008, but they will have to finish it by June 2009. Therefore, a total of 28 researchers are involved with 54.5 mobility months. Ten ENDURE partners participate to the third internal mobility plan, as sending institutes, and 12 as hosting partners. Throughout the period of implementation of the 3rd mobility plan, assistance, monitoring and evaluation of the stages will be done.
Other activities included the third human resources exchange programme include i) the maintenance, update and enlarging the website which will provide and improve information on ENDURE mobility; ii) an open call for two experienced researchers to support and/or fill gaps in knowledge and know-how indicated by the leaders of research sub-activities. This will be handled through a specific international call; iii) a call for mobility involving two scientists from INCO countries; and iv) the implementation of a three-month mobility period by two scientists from INCO countries that answered to a specific call issued in 2008.

1. The third internal mobility plan (TI3.2)

The third internal mobility plan was prepared from October to December 2008. 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 website at the beginning of October with the deadline on 15 November 2008. The call was advertised also in the ENDURE collaborative workspace and through an oral presentation at the ENDURE annual meeting at La Grande Motte.
Interested people filled in the online application form and provided approval from both hosting and sending institutions as well as a short CV. Some applicants also provided an estimation of the expenses.
Eighteen applications were received and sixteen of which were accepted. Some requests for rather long mobility periods made by PhD fellows had to be shortened due to budget limitations.

The third internal mobility plan involves people belonging to the network's partners. The period of implementation spans from January 2009 to June 2010. 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 third mobility plan also includes the researchers from the second mobility plan who have not totally or partially done their mobility during 2008. However they will have to finish it by June 2009. A total of 28 researchers are involved (see annex 1) with a total of 54.5 mobility months. About 60.7% 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/or hosting partners. One researcher will spend his mobility at an institution which is not ENDURE partner, because the expertise and know-how he is looking for is not available within ENDURE.
Throughout the period of implementation of the 3rd mobility plan, assistance, monitoring and evaluation of the stages will be done.

2. Other activities in the third human resources exchange programme

<u>TI3.1 - Information on mobility</u>
Maintenance, update and enlarging of the website which will provide and improve 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. Status of implementation of the third 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.

TI3.3 - Mobility involving scientists from INCO countries

IA3 will collaborate with IA1.3 and support the stage of a limited number of researchers coming from INCO countries at one of the ENDURE partner's laboratories. This will be handled through a specific international call published on the mobility web pages. It is planned to support two scientists.
The two researchers who applied for the 2008 grants will implement their mobility during 2009 (see annex 2). Assistance, monitoring and evaluation of the stages will be done during and after the period of implementation.

TI 3.4 – Open call for experienced researchers

An Open call for two experienced researchers to support and fill gaps in knowledge and know-how indicated by the leaders of research sub-activities will be published. This will be handled through a specific international calls published in the mobility web pages. Status of implementation will be regularly updated and the final report of each stay will be published. Before the call is issued, information and suggestions on possible and relevant topics to be included in the call will be gathered from all sub-activity leaders.

For the tasks TI3.3 and TI3.4, resources have been allocated and details of the calls will be defined during the next two/four months.

TI 3.5 – Promotion of mobility among PhD students

IA3 in collaboration with SA1.2 will update a list of PhD students including those who take part to the internal mobility plan and their supervisors. As well as task TS 1.2b (identification of ENDURE experts to be included in PhD defence committees), this will contribute to further promote the ENDURE mobility schemes among PhD students.

TI3.6 Mobility planning for the fourth period – internal and external mobility

The call for the fourth internal mobility plan will be issued in September 2009 and the plan of the fourth human resource exchange programme will be designed in conjunction with all partners.

Annex 1: Details of the third internal mobility plan

Sending partner	Scientist Name	Category	Topic or mission description	Hosting Institute	Stay Duration	Status of the activity	Final Report
AGROS	Anne Roches	Junior Scientist	To calculate LCA for several crop protection strategies for tomatoes, peppers and cucumbers in a close collaboration with the specialists at the IRTA.	IRTA	2 months		
AGROS	Fabio Mascher	Senior Scientist	Investigations on Fusarium head blight occurrence on wheat and triticale.	IHAR	2 months		
AGROS	Gabriele Mack	Senior Scientist	Analysing risk-behaviour and the impact on crop protection strategies of pomefruit growers in the UK.	RRES	1 month		
AGROS	Daniel Baumgartner	Junior Scientist	Different test studies of RA3.4 (LCA of pest control strategies) in close collaboration with the crop specialists	UdL	1month		
AU	Karin Thygesen	Post Doc	Fungicide resistance: The objective of this current project is to investigate parameters involved in triazole sensitivity in the wheat pathogen Pyrenophora tritici-repentis.	RRES	2 months		
AU	Gabor Lövei	Senior Scientist	Evaluation of the arthropod community on transgenic tomato and/or eggplant using network analysis methods, with special reference to non-	SZIE	1.5 month		

			native arthropods in food webs connected to genetically modified crop plants.				
CNR	Alberto Orgiazzi	PHD Student	The aim of the visit is to study the impact of agricultural practices will and it will be used both ecological and molecular approaches.	AGROS	4 months		
CNR	Alberto Collavo	Post Doc	Resistance to glyphosate in grass weeds. Non-target-site based herbicide resistance. Use of biochemical tools to perform enzymatic studies and to diagnose herbicide resistance.	UdL	1 month	In Progress	
CNR	Raffaele Sasso	Post Doc	The attractiveness of antagonists of herbivore insects is regulated by the emission of volatile compounds by herbivore-infested plants.	RRES	1 month		
IHAR	Agnieszka Wegierek	PHD Student	Characterization, identification and detection of plant pathogenic bacteria using molecular, biochemical and serological methods.	PRI	3 months		
IHAR	Karolina Mitura	Scientist	Work on developing of database ENDURE-ALPS	JKI	1 month		
IHAR	Tomasz Goral	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 control and	AU	3 months		

			reduction of pesticides use.				
IHAR	Denise Fu Dostatny	Senior Scientist	Relating assembly of 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 month		
INRA	Aude Alaphilippe	Junior Scientist	This visit is first an opportunity to be trained to the Swiss method for Life Cycle Assessment (SALCA) and then, to contribute to both the implementation and the validation of this method in orchards using the set of data collected in the orchards systems of Gotheron experimental unit.	AGROS	3 months		
INRA	Claire Lamine	Senior Scientist	1. Interviews planned in the RA3.5 program for JPA3, 2. Analysis of the data with RRES colleagues 3. Interactions with other scientists inside and outside RRES (seminar/meetings) so as to possibly open the collaborations to other institutions for social sciences.	RRES	1 month		
INRA	Claude Compagnone	Scientist	This task aims at analysing, at a European comparative scale,	SSSUP	1 month		

			the advisory services organisation, the advisors/farmers relations and the farmers' decision-systems.				
INRA	Naoufel 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		
JKI	Jens Krumpe	Junior Scientist	Conceptual work to fit ENDURE to the requirements of Kopernikus (GMES) Framework.	SSSUP	1 month		
JKI	Wohlert Wohlers	Senior Scientist	Web site of ENDURE. Involvement of partners in discussions to enhance the website of ENDURE, with the ultimate goal of enlisting more end-users, particularly in Germany.	CIRAD	1.5 month		
RRES	Geoffrey Caron-Lormier	Post Doctoral Scientist	Integration of the results of the Meta-analyses of rotations from RA 2.6 with the results of the landscape analysis of RA 2.3 into current understanding.	INRA	1 month		
RRES	Richard Hull	Junior Scientist	Improving methodologies for the assessment and interpretation of herbicidal effects on grass-weed species. The two linked specific topic areas will be: 1. Herbicide	AU	2 months		

			resistance diagnostics in black-grass; 2. Antagonism of pesticide mixtures on control of black-grass.				
SZIE	Andrea Veres	Post Doctorate	Further elaborate the available GIS data in my research work. These data are on habitats (greenhouses and other land cover features), and arthropod abundance measured by different methods. The arthropods are pests (Frankliniella occidentalis, Thrips tabaci and beneficials (Orius, spiders).	INRA	3 months		
SZIE	Mark Szalai	PHD Student	Establishing the possibilities for estimating the effect of crop rotation history (short term) on a suite of plant and invertebrate target organisms.	RRES	4 months	In Progress	
SZIE	Posta Katalin	Senior Scientist	To study different new methods to follow epidemics of fungal cereal diseases.	RRES	1 month		
SZIE	Sasvari Zita	PHD Student	To study the different agricultural practices on the diversity of arbuscular mycorrhizal fungi.	CNR	3 months		
SZIE	Mihaly 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		

PRI	Marleen Riemens	Scientist	The visit will contribute to reinforced information exchange on weed population dynamics models on weed emergence, competition and fecundity as a cornerstone to better understand weed ecology.	AU	2 months		
SSSUP	Souzi Rouphael	PHD Student	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		

Annex 2: researchers from INCO countries who applied for the 2008 grants and will implement their mobility during 2009.

Researcher	Topic	Sending Institute	Hosting Institute
Reda Abdalla Abdelaziz	Impact of weed management strategies on growth and quality of organic horticulture	Horticulture Research Institute Cairo Egypt	Scuola Superiore Sant´Anna (SSSUP) Pisa, Italy
Nadjia Zermane	Use of natural metabolites from bacterial and plant origin to control parasitic weeds of the genera *Orobanche* and *Cuscuta*	Institut National Agronomique (INA) - Algiers, Algeria	CNR - Institute of Food Production Sciences (ISPA) Bari, Italy