



ENDURE

European Network for Durable Exploitation of crop protection strategies

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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 **fourth plan for internal human resources exchange** was prepared from August to September 2009. The tool used to build up the fourth internal plan was an internal call for all researchers working for an ENDURE institution. Eleven applications were received, and 9 of them were granted. One granted researcher withdrew his participation.

The mobility plan also includes 6 researchers from the third mobility plan that have not done, or only partially completed, their mobility during 2009. Therefore, a total of 14 researchers are involved for a total of 21 mobility months. Ten ENDURE partners participate to the fourth internal mobility plan. Throughout the period of implementation of the 4th mobility plan, assistance, monitoring and evaluation of the stages will be done.

Other activities included in the fourth human resources exchange programme are i) maintenance and update of the website which will provide and improve information on ENDURE mobility; ii) implementation of mobility for five researchers from ICPC countries for a total of 15 months.

1. The fourth internal mobility plan (TI3.b)

The fourth internal mobility plan was prepared from September to December 2009. The main tool used was an internal call for all researchers working in an ENDURE institution. The call was prepared in August-September and published in the mobility pages of the ENDURE public website in mid September with the deadline on 7th November 2009. The call was advertised also in the ENDURE collaborative workspace, in the internal newsletter and through an oral presentation at the ENDURE annual meeting in Wageningen.

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 provided also an estimation of the expenses.

Eleven applications were received and nine were accepted. At the moment of completing this deliverable one researcher withdraw from the 4th internal mobility plan. Some candidates were allocated a shorter mobility period than requested, due to budget limitations.

Both young and experienced researchers, but not senior researchers were granted. Young researcher means a PhD student or a person with less then four years research experience after his/her degree, while an experienced researcher is a person with four to ten years research experience after his/her degree. The average length of each visit is 1.3 months.

The fourth mobility plan also includes 6 researchers from the 3rd mobility plan who have not completed or only partially done their mobility during 2009. However they will have to finish it by June 2010. A total of 14 researchers (8 junior, 4 experienced and 2 senior researchers) are presently involved (see annex 1) with a total of 21 mobility months. About 57% of researchers are young (up to four years of research experience), 29% are experienced and 14% are senior (over 10 years of research experience).

The period of implementation spans from January 2010 to 15th November 2010, this is to allow the time for a smooth scientific and financial reporting in the last year of EC financing for ENDURE.

Ten ENDURE partners are participating in the fourth internal mobility plan: 8 as sending and 6 (plus 1 outside ENDURE) as hosting partners. One researcher will spend his mobility at an institution which is not ENDURE partner, because the expertise and know-how she is looking for is not available within ENDURE.

Throughout the period of implementation of the 4th mobility plan, assistance, monitoring and evaluation of the stages will be continuously done.

2. Other activities in the fourth human resources exchange programme

TI3.a Information on mobility

Maintenance and update of the website which will provide information on ENDURE mobility. The status of implementation of the fourth mobility plan will be regularly updated and the final report of each stay will be reviewed and, if and when accepted, it will be published. Pages on job opportunities will be regularly updated according to the posted opportunities.

TI3.c Mobility involving scientists from ICPC countries

IA3 is collaborating with IA1.3 and during 2009 will support the stage of five researchers coming from ICPC countries and visiting one of the ENDURE partner's laboratories.

Two calls for ICPC grants have been issued in 2009: the 2nd ICPC grants call was open from mid-April to July 1 2009 while the 3rd ICPC grants call was open from September 30 to November 15 2009. Both calls were prepared and published in the mobility pages of the ENDURE public website, in the ENDURE collaborative workspace, in the internal newsletter and, limitedly to the 3rd ICPC call, through an oral presentation at the ENDURE annual meeting in Wageningen.

In the 2nd ICPC grants call eleven applications were received and three were accepted. In the 3rd ICPC grants call eleven applications were received (plus three incomplete) and three were accepted. At the moment of completing this deliverable one researcher already withdraw from the 3rd ICPC call and, as corrective action, she has been substituted with the next best ranking candidate.

Two out of three and the three researchers from ICPC countries that answered, respectively, to the 2nd and 3rd ICPC grant calls issued in 2009, will implement their mobility during 2010 (see annex 2). Assistance, monitoring and evaluation of the stages will be done during and after the period of implementation. Final reports will be published in the public web site.

Annex 1: Details of the fourth internal mobility plan

	Sending Institute	Scientist Category	Topic or mission description	Hosting institute	Duration (months)	Status of Activity
<i>from 3rd MP</i>	AGROS	Senior scientist	Investigations on Fusarium head blight occurrence on wheat and triticale. Focus on the ecological and epidemiological link between precedent culture of maize and the occurrence of pathogenic Fusaria on wheat and triticale cultivars.	IHAR	0,5	To be started
<i>from 3rd MP</i>	CNR	PHD	To study the impact of agricultural practices (for ex.: use of fertilisers and biocides, tillage, land use, etc.) on arbuscular mycorrhizal fungi (AMF) by both ecological and molecular approaches.	AGROS	4	To be started
<i>from 3rd MP</i>	RRES	Post-doc - experienced researcher	To consider how to integrate 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 Avignon + Dijon	1	To be started
<i>from 3rd MP</i>	SZIE	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	2	To be started
<i>from 3rd MP</i>	SZIE	Senior scientist	To elaborate and to publish the available GIS data about the landscape structure	RRES	1	To be started
<i>from 3rd MP</i>	IHAR	Senior scientist	To learn methods of yellow rust management under controlled environment and field conditions	AU	1	ONGOING
	CNR	Post-doc - experienced researcher	Information exchange on weed emergence models, weed-crop competition and decision support systems	AU	1,5	To be started

CNR	PhD student	To conduct molecular investigations of microbial community structure and function in soils	RRES	1	To be started
DAAS	Junior Adviser	To initiate the analysis about future challenges to crop protection strategies and IPM in relation to climate change	WUR_PPO	1	CANCELLED
IHAR	PhD student	Characterization, identification and detection for plant pathogens using new and modern molecular and serological methods	Un. Gent*	2	To be started
IHAR	PhD student	Conducting series of experiments in the greenhouse and lab to assess stripe rust durable resistance based on many minor resistance genes	INRA_Grignon	1,75	To be started
INRA	Junior scientist-experienced	To analyse the dataset of a 70 km ² pomefruit orchard area in the Rhone Valley, where producer practices are studied since 2006, with the SYNOPS tool developed by the JKI for environmental risk assessment	JKI	1	ONGOING
JKI	PhD Student	Participate to ongoing experiments looking at intraguild predation by <i>Harmonia axyridis</i> , and looking at the effects of trap cropping to protect oilseed rape against insect pests and basic molecular diagnostics	RRES	1,75	To be started
SSSUP	Junior scientist - experienced researcher	Learn to use the WeedML program and to apply it to Weed Modelling and adopt it to one Mediterranean weed species	AU	1,5	To be started
SZIE	PhD student	Valuation methods in Biosafety, Environmental Risk Assessment of GM plants and ERA in Maize	AGROS	1	To be started

Annex 2: researchers from ICPC countries who applied for the 2009 grants and will implement their mobility during 2010.

	Sending Institute	Topic or mission description	Hosting Institute
<i>from 2nd ICPC call</i>	Ministry of Scientific Research - Cameroon	Screening of essential oil from <i>Thymus vulgaris</i> for its fungicidal properties against <i>Bipolaris sorokiniana</i> the pathogen of black point disease of wheat	JKI
<i>from 2nd ICPC call</i>	Bila Tserkva National Agrarian University - Ukraine	Adaptation of LCA tool to farming practice for assessment of pesticide impact on biodiversity in the Ukraine	AGROS
<i>from 3rd ICPC call</i>	National Agricultural research Organization - UGANDA	The role of seed on the invasiveness of <i>Cymbopogon Afronardus</i>	AU
<i>from 3rd ICPC call</i>	The University of The West Indies - Trinidad	To participate in the Field Vegetable Case Study (FVCS) experiment carried out at CIRAA	SSSUP
<i>from 3rd ICPC call</i>	Russian Academy of Agricultural Sciences, Saint Petersburg - RUSSIA	Molecular taxonomy of fungal species, potential mycoherbicides for biocontrol of noxious perennial weeds, and their metabolic profiles	CNR-ISPA