

QUESTIONNAIRE

Please, fill in the Questionnaire and return it to contact person in Moldova:

depintrel@asm.md. Phone: 272254

(* – mandatory fields)

	Details about organisation
* Organisation name	RESEARCH INSTITUTE OF FIELD CROPS “SELECTIA”
Organisation acronym	RIFC “SELECTIA”
* Organisation Activity Type (RES - Research, HE - University, SME - Small and Medium Enterprise, IND - Industry, OTH - Other)	RES – RESEARCH
* Keywords of main research areas	Agroecology, organic agriculture
* Head of organisation (first name, family name)	BOINCEAN BORIS
* Post code	MD-3101
* Country	Republic of Moldova
* City	BALTI
* Street, House	CALEA ESILOR str., 28
* Telephone (+ country & city codes)	+373 231 30127
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* E-mail	selectia60@beltsy.md

* Description of organisation and its research achievements for the last five years (~ 5000 signs)
<p>Research Institute of Field Crops “Selectia” was found in 1944. The main purposes of the organization are:</p> <ul style="list-style-type: none"> ● crop breeding for a large diversity of crops (winter wheat, winter barley, spring barley, sugar beets, sunflower, peas, soy beans, drybeans, alfalfa, vetch etc.) ● seed multiplication ● working out sustainable farming systems, including organic agriculture with improved technologies of growing field crops. <p>From the foundation of the institute more than 300 varieties and hybrids of field crops have been passed to the State Commission for variety trials. At the moment 82 varieties and hybrids are registered and grown in the Republic of Moldova and abroad.</p> <p>The varieties and hybrids selected at the RIFC “Selectia” during the last years have a high yield potential, good quality, high tolerance to diseases, drought resistance, winterhardiness etc.</p> <p>The institute is responsible for the coordination of the national research program on organic agriculture. The long-term experiments on crop rotations and monoculture for a large spectrum of crops (the duration is almost 50 years); the long-term experiments on soil tillage and fertilization and irrigation etc are of high value for modernization of existing farming systems in order to increase their sustainability.</p>

	Contact Information
* Contact person (first name, family name)	BORIS BOINCEAN
* Department / Laboratory	Department of farming systems
* Position	Head of the Department
* Qualification and research experience	Doctor habilitate of agriculture, research experience since 1975
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* Telephone (+ country & city codes)	+373 231 30127
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International co-operation / Participation in EU RTD programmes or other bilateral / multilateral actions
INTAS, TACIS, TEMPUS, COST, EUREKA, other RTD programmes (please specify programme/s, project title/s and year/s)
<p>Research Institute of Field Crops “Selectia” is working in close cooperation with colleagues from different research institutions in France, USA, Germany, Bulgaria, Romania, Hungary, Czech Republic and other countries.</p> <p>Recently a project “Alterenergy” have been finished in cooperation with our colleagues from Udine University in Italy regarding alternative sources of energy in agriculture by using rape for the production of biofuel. The project has been supported by the European Commission in the frame of Transboard Cooperation.</p> <p>The other project with the Institute National de Recherche Agronomique (Clermont-Ferand, France) has been finished in 2005 on wheat quality. The project was supported by the Ministry of Foreign Affairs of France.</p> <p>At the moment the ongoing project is on sustainable, including organic farming systems for steppe conditions of Moldova.</p>

	* Please, use “X” to indicate the scientific area/s of your potential project
CHEMISTRY	
SOCIAL AND HUMAN SCIENCES	
ECONOMIC SCIENCES	
ENGINEERING SCIENCE	
ENVIRONMENT	X
AGRICULTURE AND FOOD	X
HEALTH	
MATHEMATICS	
INFORMATION SCIENCE	
PHYSICS	
NANOTECHNOLOGIES	
ENERGY	
TRANSPORT	
SPACE	

* Summary of potential research project envisaged hosting of European researcher for the period of between 1 and 2 years
<p>Research Institute of Field Crops “Selectia” is interested in cooperation with researches from other European countries on sustainable, including organic farming systems. The main subject of scientific investigations are long-term experiments on crop rotations and monoculture, on soil tillage, fertilization and irrigation in crop rotations. The duration of such experiments is almost 50 years.</p> <p>During the last 15 years we are studying also the influence and interinfluence of rotations, soil tillage and fertilization in crop rotations without chemicals for pest, disease and weed control. We are interested in cutting the dependence of farming systems from industrial inputs. Soil quality (soil health) is a subject of special interests in our investigations, which allows to decrease the negative influence on soil productivity and soil fertility of soil degradation, soil and water pollution. They allow also to increase carbon sequestration in the condition of global warming (green house effect”). Working out the indexes of sustainability for farming systems is very important for the market economy, especially in the world of limited resources.</p> <p>Simultaneously the RIFC “Selectia” is involved in educational work at the faculty of agroecology which belongs to the State University “A.Russo” in Balti.</p>

	Please, confirm your agreement on data publication and dissemination
I agree with the publication of the data on the web-site http://www.inco-eeca.net , and dissemination among Mobility National Contact Points of the EU MS and AC (YES / NO)	Yes
Date: 18.06.2008	