



PARTNER SEARCHES

FOOD QUALITY AND SAFETY

LILLE 27 - 29 October 2004

<http://trainnetfuture.tetalap.hu>

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Foreword

Dear Conference Participant,

In the coming pages, you will find a number of partner searches which have originated from researchers coming from New Member States and Israel. Each partner search contains a description of the project idea and the type of expertise which is being sought for collaboration. All details of the promoter of each idea are also included.

These partner searches are relevant to Priority 5 – Food Quality and Safety and have originated from topic ideas in the Third Calls

I do hope that you will find this information useful to you.

The TrainNet Future Consortium

HUNGARY

INFORMATION OF ORGANIZATION	
Name of organization	Hungarian Institute of Agricultural Engineering
Main researchers and expertise (name, surname, academic degree)	Dr. László Fenyvesi
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>The knowledge of the agricultural machines using value is very important for experts and for researchers as well. Operating conditions and technological facilities influence the usage value. These characteristics are different in different countries and machine technologies cannot be optimized without it. Our Machine Tests investigate the using value of 60 to 70 machines every year. The main goal of the agricultural mechanization is to make producers successful. That is why our research work was focused on the development of market technologies. Broad research-development programs were launched in the field of open ground vegetable production and non-food agricultural production. A number of universities, institutes, enterprises and manufacturers of agricultural machines participating in the program received a significant state support. In the frame of consulting work built in our achievements we have published the bulletin about every machine investigation, the development of technology and research results, and several films have been made about it as well. Under our attention in the monthly professional journal The Agricultural Technique (Mezőgazdasági Technika) the latest information for experts has been published. For our successful work we could provide better and better conditions: some parts of our building have been renovated and several instruments and equipment have been bought in. Our work has been carried out according to the quality system (ISO 9001/2000) which is audited by TÜV Rheinland. Our international connections have been spread: CEE Ag Eng1 and we work together with ENTAM2 and ENGAGE3. Our achievements have been acknowledged by Agricultural Innovation Award, which we got in the Hungarian Parliament twice in 2002 and in 2004.</p> <p>1 Central and Eastern European Institutes of Agricultural Engineering 2 European Network for Testing of Agricultural Machines 3 European Network for Advanced Engineering in Agriculture and Environment</p> <p>Our Institute and its Public Company have professional connections with 42 institutions from 23 countries all over the world. They spread from common research programs and exchange of testing results to information between libraries.</p> <p>Our institute has strong connection with the participants on the Hungarian agricultural machines market. A great number of machine tests are carried out for machine dealers by contract to give correct information to sellers and buyers.</p>
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	Machine investigation, mechanization, projects, research-development programs, usage value
Title	
Description	Common research work is one of the forms of mutual cooperation, research

(incl. budget outline)	<p>consortium, mutual work with guest researchers and teachers, consulting candidates and final students, laboratory serving, instruments borrowing, exchanging of the research results, library information and publication.</p> <p>A great number of machine tests are carried out for machine dealers by contract to give correct information to sellers and buyers. We wish to achieve our objectives by constantly developing and modernising our testing equipment and increasing our knowledge. While measuring and testing equipment and technology we gain information that constitutes the basis of research and machinery development. In cooperation with research centres in Hungary and abroad we are trying to find answers to the fundamental questions raised.</p> <p>Our institute has been being the basic institute of the Agricultural Technical Committee of the Hungarian Academy of Sciences for decades.</p> <p>Our institute has spread its connections in the field of scientific cooperation with agricultural character with universities with their departments of agriculture or dealing with agriculture, as well as with different agricultural stations belong to Hungarian Academy of Sciences, institute and agricultural research institutes belong to the Ministry of Agriculture and Regional Development, and with different companies, Ltd., corporations. Common research work is one of the forms of mutual cooperation, research consortium, mutual work with guest researchers and teachers, consulting candidates and final students, laboratory serving, instruments borrowing, exchanging of the research results, library information and publications.</p>
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS			
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INFORMATION OF ORGANIZATION

Name of organization	Research Institute for Animal Breeding and Nutrition Molecular genetics research group
Main researchers and expertise (name, surname, academic degree)	Prof.dr. László FÉSÜS
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	The Institute is working under the Ministry of Agriculture and Rural Development. Main activities are: basic and applied research on large livestock species in animal breeding, genetics, reproductive biology and nutrition, as well as advisory services in the above mentioned areas. The Molecular genetics research group in doing research in molecular genetics applied to livestock production. Beside basic research (developing new efficient molecular genetic techniques and improving methods published in literature, breeding experiments to identify associations between molecular genetic markers and traits of economic importance) service typing (marker determinations, parentage control) is provided for farmers. Active participation in the International Society for Animal Genetics (ISAG) and the European Association for Animal Production (EAAP)

PROJECT DETAILS

Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	molecular genetics, marker determination, marker assisted selection
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS

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Web site:	www.atk.hu		

INFORMATION OF ORGANIZATION	
Name of organization	University of Debrecen, Centre of Agricultural Sciences Dept. of Genetics and Plant Breeding
Main researchers and expertise (name, surname, academic degree)	Plant breeding and biotechnology of cereals and Miscanthus as energy and industry plant. Seed production. Szilárd Tóth Ph.D.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input checked="" type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Research work on maize, winter wheat, spring barley, triticale, breeding, biotechnology and seed production. In vitro nutrient uptake, micropropagation, callus induction of Miscanthus genotypes.
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input checked="" type="checkbox"/> CA <input checked="" type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	Universities, Plant Breeding, Biotechnology and seed production LTDs,

CONTACT DETAILS	
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Web site:	www.date.hu

INFORMATION OF ORGANIZATION

Name of organization	University of Debrecen, Centre of Agricultural Sciences Dept. of Genetics and Plant Breeding
Main researchers and expertise (name, surname, academic degree)	Plant genetics, Breeding, Biotechnology Molecular genetics Pál Pepó.CSc.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input checked="" type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Research work on maize, wheat breeding, genetics and biotechnology. Teaching plant disciplines and environmental strategy/policies.

PROJECT DETAILS

Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input checked="" type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	
Title	
Description (incl. budget outline)	Cereals breeding, molecular biotechnology, plant cryopreservation,
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS

Name, Surname:	Pál Pepó	Gender (M /)	
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Web site:	www.date.hu		

INFORMATION OF ORGANIZATION

Name of organization	Cereal Research Non-Profit Company (CRC Co.), Oil Crops Division
Main researchers and expertise (name, surname, academic degree)	Dr. PÁLVÖLGYI, László (DSc) Head of Department, sunflower breeder Prof. Dr. FRANK, József (DSc) scientific advisor Dr. NÉMETH, Gizella (DSc) retired sunflower breeder, foreign correspondent Dr. MARÁZ-SZABÓ, Lilla (DSc) research associate, amaranth breeder NAGYNÉ KUTNI, Rozália (MSc) research associate, sunflower breeder MEDOVARSZKY, Zoltán (MSc), research associate, linseed breeder SZALAY, Rita (MSc, PhD student) junior research associate, head of oil crop laboratory, foreign correspondent
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input checked="" type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	CRC Co. is divided in 6 divisions (Wheat, Maize, Oil Crops, Vegetable, Production and Commercial). The research activities of the department of Oil Crops include plant breeding (sunflower, linseed, amaranth), analyze of fatty acid composition, plant pathology (by all three plants), gene identification (phytosterol biosynthesis from sunflower), marker assisted selection (sunflower disease resistance) molecular pedigree construction (linseed, sunflower).

PROJECT DETAILS

Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	Research focusing on fundamental biological processes relevant to fatty acid composition like (eg. high oleic sunflower mutation), secondary metabolite biosynthesis (eg. tocopherols, phytosterols), storage mechanisms or oil crops pathology in order to generate new varieties is of particular importance and interest.
Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	Fundamental research, Plant breeding, Plant biochemistry, Plant pathology, Plant biotechnology, Secondary metabolites

CONTACT DETAILS

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Web site:	http://www.gk-szeged.hu/		

INFORMATION OF ORGANIZATION	
Name of organization	Szent István University, Faculty of Agricultural and Environmental Sciences Department of Animal Breeding
Main researchers and expertise (name, surname, academic degree)	Dr. habil. Endre Szücs Ph.D. D.Sc. Animal Science, Meat Science, Animal Welfare
Organization type	<input type="checkbox"/> Consultancy <input type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	(1) Meat production and improvement of carcass quality for high quality products. (2) Development of efficient dairy farming systems in loose housing environment. (3) Animal welfare and product quality implications in meat producing animals.
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP CA <input checked="" type="checkbox"/> Other:SSA
Call info (which call does the PS refer to?)	EU 6 Research Framework Priority 5 Food Quality and Safety
Topic	Animal welfare and meat quality Interactions
Title	Development of quality assurance systems
Description (incl. budget outline)	Has not been defined yet.
Partners involved	-
Target partner(s) (type, expertise required and role in the project)	Coordinator; contractor. As indicated above.

CONTACT DETAILS			
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INFORMATION OF ORGANIZATION	
Name of organization	Kecskemet College, Institute of Environment Science
Main researchers and expertise (name, surname, academic degree)	Istvan Buzas CSc Imre Cserni CSc Edit Hoyk PhD
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input checked="" type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	agrochemistry; food security and safety ; food quality; integrated pest control
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS			
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Phone:	36 76/517 628		
Fax:	36 76/517 717		
e-mail:	buzas.istvan@kfk.kefo.hu ; hoyk.edit@kfk.kefo.hu		
Web site:	http://www.kefo.hu		

INFORMATION OF ORGANIZATION

Name of organization	SZIU Faculty of Veterinary Science Budapest				
Main researchers and expertise (name, surname, academic degree)	Sándor Fekete, DVM, C.Sc.				
Organization type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Consultancy	Research	Education	Industry	Technology Transfer
	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	Non-Commercial		Other	SME	Owned by non-SME
Organization Size (employees)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	< 10	10-49	50-99	100-199	200-249 >250
Short description of organization (main research activities)	Institute of Animal Breeding, Nutrition and Laboratory Animal Science				
PROJECT DETAILS					
Project type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	IP	NoE	STREP	CA	Other:
Call info (which call does the PS refer to?)					
Topic					
Title					
Description (incl. budget outline)					
Partners involved					
Target partner(s) (type, expertise required and role in the project)	Royal Veterinarian and Agricultural University, Copenhagen				

CONTACT DETAILS

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e-mail:	safekete@univet.hu		
Web site:	www.univet.hu		

INFORMATION OF ORGANIZATION

Name of organization	Faculty of Veterinary Sciences Department of Obstetrics and Reproduction Laboratory for Andrology and Assisted Reproduction
Main researchers and expertise (name, surname, academic degree)	Prof. Dr. Sandor Cseh DVM, PhD, DSc Head of Laboratory
Organization type	<input type="checkbox"/> Consultancy <input type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Graduate and post graduate education Male animal reproduction, assisted reproduction of farm animals, cryopreservation of gametes and embryos, biotechnology
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS

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e-mail:	scseh@univet.hu		
Web site:	www.univet.hu		

INFORMATION OF ORGANIZATION	
Name of organization	Research Institute of Viticulture and Enology of the Ministry of Agriculture
Main researchers and expertise (name, surname, academic degree)	14 researchers 9 of them has candidate (PHD) degree of agriculture
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input checked="" type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Grapevine breeding, grapevine physiology-stress responses-molecular biological background, plant protection, wine making technologies, chemical composition of wines, wine marketing,
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

CONTACT DETAILS	
Name, Surname:	Miklós Erzsébet Gender (M/F)
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Fax:	76-494-924
e-mail:	Miklos.e@SZBKIK.hu
Web site:	

INFORMATION OF ORGANIZATION	
Name of organization	Szent István University, Faculty of Agricultural and Environmental Sciences Department of Horticultural Technologies
Main researchers and expertise (name, surname, academic degree)	(Ms.) Prof. Dr. Judit Dimény, Head of department Lecturers – researchers: (Mr.) Dr. rer. agr. Bujáki, Gábor (Mr.) Dr. rer. agr. Helyes, Lajos (Mr) Dipl.-Ing. hort. (Univ.) Kassai, Tamás (Miss) Dipl.-Ing. agr. (Univ.) Koczka, Noémi (Mr.) Dipl.-Ing. hort. (Univ.) Ombódi, Attila (Mr.) Dipl.-Ing. hort. (Univ.) Pék, Zoltán (Mr.) Dr. rer. agr. Varga, György (Mr.) Dipl.-Ing. hort. (Univ.) Pék, Miklós (Miss) Dipl.-Ing. agr. (Univ.) Locher, Judit (Miss) Dipl.-Ing. agr. (Univ.) Pestiné Nagy, Orsolya PhD students: (Miss) Dipl.-Ing. agr. (Univ.) Gógán, Andrea (Mr.) Dipl.-Ing. agr. (Univ.), Paksi András Expertise <ul style="list-style-type: none"> - Horticultural Internet sight management (Zoltán Pék - Development and inauguration of EU-conform HACCP quality insurance system for vegetable and fruit production (Dr. Judit Dimény, professor, Tamás Kassai) - HACCP risk analysis and its technical background in vegetable and fruit production (Dr. Judit Dimény, professor, Tamás Kassai) - Improvement of irrigation of horticultural plants (Dr. György Varga, and Dr. Lajos Helyes) - Vegetable forcing (Dr. Lajos Helyes, Dr Attila Ombódi) - Truffle production in Hungary (adaptation possibilities of new technologies) (Andrea Gógán) - Ecological demand of different truffle species native in Hungary (Andrea Gógán) - Adaptation methods for the cultivation of Physalis peruviana and Solanum muricatum (András Paksi)
Organization type	<input checked="" type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	<p style="text-align: center;">RESEARCH ACTIVITY:</p> <p>General:</p> <ul style="list-style-type: none"> - Horticultural Internet sight management (Zoltán Pék, Pek.Zoltan@mkk.szie.hu) - Development and inauguration of EU-conform HACCP quality insurance system for vegetable and fruit production (Dr. Judit Dimény, professor, mkert@fau.gau.hu; Tamás Kassai, Kassai.Tamas@mkk.szie.hu) - HACCP risk analysis and its technical background in vegetable and fruit production (Dr. Judit Dimény, professor, mkert@fau.gau.hu; Tamás Kassai, Kassai.Tamas@mkk.szie.hu) - Improvement of irrigation of horticultural plants (Dr. György Varga, Varga.Gyorgy@mkk.szi.hu and Dr. Lajos Helyes, Helyes.Lajos@mkk.szie.hu) - Vegetable forcing (Dr. Lajos Helyes, Helyes.Lajos@mkk.szie.hu; Dr Attila

	<p>Ombódi, Ombodi.Atila@mkk.szie.hu)</p> <ul style="list-style-type: none"> - Truffle production in Hungary (adaptation possibilities of new technologies) (Andrea Gógán) - Ecological demand of different truffle species native in Hungary (Andrea Gógán) - Adaptation methods for the cultivation of Physalis peruviana and Solanum muricatum (András Paksi) <p>Vegetable production:</p> <ul style="list-style-type: none"> - Effects of agricultural and environmental factors on the quality of some vegetable crops - Development of Internet service for planning and timing of irrigation of vegetable crops - Usage of slow-release fertilisers in vegetable production - Improvement of seedling production methods - Improvement of vegetable forcing methods - Modelling of fruit development of some glasshouse vegetables - Improvement of trellis tomato production methods - Improvement of processing tomato production methods - Estimation of harvest date of processing tomato on the base of climatic data - Optimisation of irrigation for processing tomato production - Examination of inner quality of tomato - Improvement of plastic house sweet pepper production methods - Economical evaluation of plastic house sweet pepper production - Improvement of field sweet pepper production methods - Improvement of cauliflower production methods - Adaptation of artichoke production - Effect of colour plastic mulches in field sweet pepper production <p>Fruit production:</p> <ul style="list-style-type: none"> - Development of HACCP system for field strawberry production - Intensive strawberry production - Effects of environmental factors on the development of strawberry fruits - Effects of fertilisation method on the yield and quality of strawberry - Effects of acidification of irrigation water on the yield and quality of strawberry <p>Other</p> <ul style="list-style-type: none"> - Truffle production in Hungary (adaptation possibilities of new technologies) - Ecological demand of different truffle species native in Hungary <p>ADVISORY ACTIVITY, EXHIBITIONS:</p> <p>Members of our department regularly give expert advice for growers, especially in regions, which are situated near to our university. They are also often invited to give lectures for the growers about current horticultural topics. On our experimental field exhibitions and discussion sessions have been held for years, especially about topics of vegetable production.</p>
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PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	

Topic	Truffle production
Title	Developing the capacity of rural population for income attainment with the help of sustainable agriculture
Description (incl. budget outline)	In the near future Hungarian agriculture will not only be determined by profitability but also by other factors. With the EU accession of our country strong emphasis will be laid on new cultivation methods which represent multiple values. Primarily, alternative and sustainable agricultural technologies will be suggested in areas where intensive technologies prove to be uneconomic due to degradation or erosion. Furthermore, these new technologies offer work chances for people living in less-developed regions and a possibility to improve their living conditions. Truffle production is one of these new cultivation methods. Additionally, it means an unexploited branch of agri-sylviculture in Hungary. The objective of this project is to establish the applied research of truffle science in Hungary.
Partners involved	Partners involved from Hungary : <ul style="list-style-type: none"> - Szent István University, Faculty of Economical and Social Sciences, Marketing Institute - Central Food Research Institute - University of Veszprém, Georgikon Agricultural Faculty, Department of Botany and Plant Physiology - Nat. Org. of Roma Entrepreneurs for the Co-ordination of Interests - Group Silvanus Nursery for Production and Sale Ltd. - Pálhalma Agro-Special Ltd. - Ulrich József entrepreneur
Target partner(s) (type, expertise required and role in the project)	Spanish and French research institutes and entrepreneurs involved in truffle research and production

CONTACT DETAILS			
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INFORMATION OF ORGANIZATION	
Name of organization	Agricultural Research Institute of the Hungarian Academy of Sciences
Main researchers and expertise (name, surname, academic degree)	Gábor Galiba, Ph.D., D.Sc. – mapping and characterization of genes controlling abiotic stress (frost and drought) tolerance in wheat Gábor Kocsy, Ph.D. – study the role of antioxidants (glutathione) in the response to abiotic stresses with physiological and molecular biological methods mainly in wheat and maize
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input checked="" type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>Biology Section: biotechnology of the sexual processes in higher plants, study of the effect of abiotic stresses on metabolism, biochemical and molecular genetic analysis of environmental stress tolerance</p> <p>Maize Research Section: resistance to abiotic and biotic stresses, the widening of genetic basis of breeding, growth analysis, nutrient utilization, interaction between crop production factors</p> <p>Cereal Research Section: traditional cereal breeding, use of new biochemical and molecular genetic methods in breeding</p>
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	Study of abiotic stress tolerance using physiological, biological and molecular biological methods mainly in cereals
Title	Study of abiotic stress tolerance in plants
Description (incl. budget outline)	Study of stress response at the level of gene expression, proteins and metabolites in whole plants and in suspension or tissue cultures
Partners involved	
Target partner(s) (type, expertise required and role in the project)	Universities or research institutes investigating the response of plants to the different abiotic stresses with biochemical, molecular biological at whole plant and cellular levels.

CONTACT DETAILS			
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INFORMATION OF ORGANIZATION	
Name of organization	Agricultural Biotechnology Center
Main researchers and expertise (name, surname, academic degree)	Bánfalvi, Zsófia, Dr.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> <u>Research</u> <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Basic and applied research on the field of animal biology, environmental safety, genetics and plant biology
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	FP6 1.1 Genomics and biotechnology for health
Topic	Plant biology
Title	Functional genomic studies in potato
Description (incl. budget outline)	Keywords: sugar sensing, carbon metabolism, tuber development, vegetative reproduction, drought stress Budget required: 210 000 EUR/3 years
Partners involved	-
Target partner(s) (type, expertise required and role in the project)	Coordinator(s)

CONTACT DETAILS			
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ISRAEL

INFORMATION OF ORGANIZATION	
Name of organization	Biosensor Systems Design, Ltd.
Main researchers and expertise (name, surname, academic degree)	Bauer, Alan PhD
Organization type	<input type="checkbox"/> Consultancy <input type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input checked="" type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input checked="" type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>Biosensor Systems Design (BSD) has developed a proprietary novel biosensor technology, that can rapidly (<150 seconds) and inexpensively detect specific targets, such as disease-causing microorganisms and poisons. BSD's technology overcomes the problems associated with traditional biosensors. The biosensor is not dependent on any specific chemistries, optical effects, or electrical properties associated with the binding agents or targets. The technology is suitable for all binding agents ranging from enzymes to antibodies to antigens, synthetic binding agents, receptors and nucleic acids.</p>
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	FP6-Third Call
Topic	T5.4.5.2 Advanced rapid, non-destructive and non-invasive techniques for screening of foods and feeds
Title	Rapid Detection of Food and Feed based Pathogens
Description (incl. budget outline)	<p>Develop a rapid on-line/at-line system for the detection and identification of food and feed based pathogens. The system will be based on a prototype platform technology, which can rapidly (<150 seconds) detect various pathogens (e.g. <i>E coli</i> O157, <i>Salmonella</i>, prions, etc.) prevalent in food/feed. The proposed project will begin with further development of the platform for relevant food/feed pathogens and then incorporate this platform into an on-line system (probably through the use of fluidic technology) which can rapidly non-invasively and non-destructively detect and identify targeted pathogens at very low concentrations in food/feed.</p>
Partners involved	Herzog Hospital.
Target partner(s) (type, expertise required and role in the project)	<p>Target partners will have expertise in (some of) the following areas: food/feed pathogens, bacteriology, virology, general food science/health, product development and ramp-up, food/feed market needs, distribution capabilities</p>

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INFORMATION OF ORGANIZATION	
Name of organization	Kimron Veterinary Institute
Main researchers and expertise (name, surname, academic degree)	Dr. Irit Davidson, avian virologist and molecular biologist, specialized in avian oncogenic and immunosuppressive viruses, as well as fowlpox, and the interactions between them in multiple viral infections.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input checked="" type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	Governmental Research and Diagnosis; Research and diagnosis on various veterinary topics, including diseases of mammals, poultry and aquatic animals with economic and zoonotic importance.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input checked="" type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	Food
Topic	T5.4.6.10 Network on epizootic disease diagnosis and control (NoE).
Title	Prevalence of avian oncogenic, immunosuppressive and fowlpox virus in European poultry and their impact on poultry health
Description (incl. budget outline)	Detection of these viruses, determination of multiple virus infections, determination of molecular interactions between DNA and retroviruses, and their impact on the morbidity and mortality in affected flocks. Determination of impact of these viruses on other diseases; Emergence of novel viruses with altered biological properties.
Partners involved	Dr. Irit Davidson
Target partner(s) (type, expertise required and role in the project)	Integrated virological, immunological, molecular biology and veterinary methods

CONTACT DETAILS	
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Web site:	

INFORMATION OF ORGANIZATION	
Name of organization	Herzog Hospital
Main researchers and expertise (name, surname, academic degree)	Colin, Block, MBBCh PhD Caine, Yehezkel, MD
Organization type	<input type="checkbox"/> Consultancy <input type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input checked="" type="checkbox"/> Other (Hospital) <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Herzog Hospital is a 300 bed teaching and research hospital affiliated with the Hebrew University and Hadassah Hospital Medical School.
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	FP6-Third Call
Topic	T5.4.5.2 Advanced rapid, non-destructive and non-invasive techniques for screening of foods and feeds
Title	Rapid Detection of Food and Feed based Pathogens
Description (incl. budget outline)	Develop a rapid on-line/at-line system for the detection and identification of food and feed based pathogens. The system will be based on a prototype platform technology, which can rapidly (<150 seconds) detect various pathogens (e.g. <i>E coli</i> O157, <i>Salmonella</i> , prions, etc.) prevalent in food/feed. The proposed project will begin with further development of the platform for relevant food/feed pathogens and then incorporate this platform into an on-line system (probably through the use of fluidic technology) which can rapidly non-invasively and non-destructively detect and identify targeted pathogens at very low concentrations in food/feed.
Partners involved	Biosensor Systems Design, Ltd.
Target partner(s) (type, expertise required and role in the project)	Target partners will have expertise in (some of) the following areas: food/feed pathogens, bacteriology, virology, general food science/health, product development and ramp-up, food/feed market needs and distribution capabilities.

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Web site:	http://www.herzoghospital.org/index.asp

INFORMATION OF ORGANIZATION	
Name of organization	Agricultural Research Organization. Ministry of Agriculture
Main researchers and expertise (name, surname, academic degree)	Michael Raviv, Ph.D., Organic Farming and Head of Newe Ya'ar Research Center; Doron Holland, Ph.D., Fruit production, molecular biology; Efraim Lewinshon, Ph.D., biochemistry and molecular biology of aromatic compounds; Ya'acov Tadmor, Ph.D., biochemistry and molecular biology of carotenoids and antioxidants.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	The ARO is the research branch of the Israeli Ministry of Agriculture (similar to INRA in France). Newe Ya'ar, where the four above-mentioned researchers are working is a research centre, located in the Northern part of the country, where most of the Israeli fruit production is concentrated. Newe Ya'ar employs 23 researchers, 45 technicians and administrative personnel and about 35 graduate students. Our main activities can be found in: http://www.agri.gov.il/NeweYaar.html
PROJECT DETAILS	
Project type	x <input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	3 rd
Topic	Total food chain
Title	Increasing fruit consumption through a trans-disciplinary approach delivering high quality produce from environmentally friendly sustainable production methods. (Taken from the draft issued in 3.2004).
Description (incl. budget outline)	The aim is to contribute to a healthier diet by improving the quality, appeal, and consumption, of those fruit and fruit-based products that are produced by perennial fruit species. To achieve this aim, the project will be driven by consumer expectations and will address critical bottlenecks, including access and availability, all the way down the chain, including point of sale, post-harvest handling and sustainable production on the farm in order to stimulate the production and delivery of products that meet consumer needs. The project management should develop synergistic links with appropriate projects that are already on-going, while avoiding overlaps. It may include work on genetic improvement (including genetic engineering) of fruit to address consumer expectations and organoleptic preferences. Special efforts should be made to ensure significant participation by industry, particularly by SMEs. (Taken from the draft issued in 3.2004).
Partners involved	Not known
Target partner(s) (type, expertise required and role in the project)	We are looking for the planned coordinator of the above project, to which we believe, we can contribute our specific relevant

	expertise fields, as related to stone fruits, grown in a sustainable manner under Southern Mediterranean conditions.
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Web site:	http://www.agri.gov.il/People/MichaelRaviv.html

INFORMATION OF ORGANIZATION	
Name of organization	Migal
Main researchers and expertise (name, surname, academic degree)	Dr. Rachel AMIR
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input checked="" type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>MIGAL, founded in 1979, is a research institute situated in the northern town of Kiryat-Shmona. Migal, not only had vision and determination, but also full awareness of the tremendous developments in modern biology and its economic potential, and identified biotechnology as the suitable platform for the majority of the Institute's scientific and academic activities. This has been implemented and expressed both in the absorption of new young scientists, educated and trained in the modern biotechnology era, and in the deep involvement in the establishment and continuous development of the academic School for Biotechnology, in the nearby Tel-Hai Academic College. The remote location of MIGAL does not stand in the way of its enthusiastic scientists to take on new exciting initiatives, join the forefront of worldwide biotechnology and cooperate with leading scientists in Israel and overseas.</p>
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	Priority 5: food quality and safety 3 rd thematic call
Topic	T5.4.6.1: Improving crops for quality and human health; T5.4.7.2: Development of alternative sources of nutrients in livestock feeds
Title	
Description (incl. budget outline)	<p>Our objective is to elevate the nutritional quality of crop plants by increasing the level of sulphur amino acids. Our technology offers a biological, low-cost alternative to synthetic sulphur amino acid supplementation in animal and human meals.</p> <p>We successfully produced transgenic alfalfa plants that expressed the Arabidopsis cystathionine γ-synthase (AtCGS), a key regulatory enzyme in the methionine pathway. We demonstrated that transgenic alfalfa had scientifically higher levels of methionine, S-methylmethionine (storage form of methionine) and methionine incorporated into the water-soluble protein fraction than the wild-type plants.</p> <p>Notably, in these transgenic lines also demonstrated higher levels of free cysteine (the sulfur donor for methionine synthesis), glutathione (the cysteine storage and transport form), and protein-bound cysteine relative to wild-type plants.</p> <p>Since the AtCGS alfalfa plants had significantly higher levels of both soluble and protein-bound methionine and cysteine content, they may represent a model and target system for improving the nutritional quality of other forage crops as well as seeds legumes and cereals.</p>
Partners involved	
Target partner(s) (type, expertise required and role in the project)	We are currently looking for SMEs and/or Universities that specialized in amino acid metabolism and have legume and cereal transformation system

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LATVIA

INFORMATION OF ORGANIZATION	
Name of organization	Latvia University of Agriculture
Main researchers and expertise (name, surname, academic degree)	Mag.oec. Ilze Stokmane
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	<p>Latvia University of Agriculture provides education, research, extension and continuing studies in agriculture, forestry, food technology, veterinary medicine, civil and environmental engineering, economics, education, social sciences and information technologies.</p> <p>LLU is the only higher agricultural education establishment in Latvia and it aims to:</p> <ol style="list-style-type: none"> 1) promote intellectual potential for rural development in agriculture; 2) encourage young people for acquiring higher academic and professional education; 3) the development of research; 4) contribute to the cultural development; 5) study, maintain and perfect the accumulated experience by the Latvian people and 6) pass it over to the future generations.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input checked="" type="checkbox"/> Other: SSA
Call info (which call does the PS refer to?)	FP6-2004-FOOD-3-B
Topic	
Title	Baltic Food Safety & Quality network = BaFoSnet
Description (incl. budget outline)	<p>The idea of the project is to establish Baltic sea regional food safety and quality partnership and information exchange network through involvement of education, research and business institutions directly or indirectly related food sector.</p> <p>Project activities will include:</p> <ul style="list-style-type: none"> - meetings, workshops, twinning type activities etc. to enhance consultation and cooperation between Baltic Sea countries; - development of regional education, training and biological products related business data base; - exchange of experience and elaboration of guidelines for development of curricula for schools on safe and healthy food and healthy lifestyle, - capacity building for development and implementation of food quality standards (labelling);

	<ul style="list-style-type: none"> - workshops related promotion of biological agricultural production and specific professional trainings; - activities addressing increase of public awareness regarding safe and healthy food issues; - development of general concept for school children education campaigns on public health and healthy lifestyle aspects.
Partners involved	Latvia University of Agriculture Estonian Agriculture University Kaunas University of Technology MTT Agrifood Research Finland JSC "Rigas Miesnieks"
Target partner(s) (type, expertise required and role in the project)	We are looking for partners & experts in food safety & quality area in other Baltic Sea region countries

CONTACT DETAILS

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POLAND

INFORMATION OF ORGANIZATION	
Name of organization	Institute for Ecology of Industrial Areas Katowice, Poland
Main researchers and expertise (name, surname, academic degree)	Dr Jadwiga Gzyl, Head of Environmental Risk Analysis Dept. Expertise: environmental toxicology, health risk assessment, heavy metals (soil, plants, food), safe agricultural production, contaminated land management. Dr. Elżbieta Kulka, Environmental Risk Analysis Dept. Expertise: environmental toxicology, health risk assessment of children influenced by industrial pollution. M.Sc. Tadeusz Mańko, Head of Central Lab Expertise: environmental analyses of organic and inorganic pollutants, especially instrumental techniques.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input checked="" type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>The Institute for Ecology of Industrial Areas (IETU), Katowice, Poland is an independent research and development unit acting under the Ministry of Environment. IETU staff consists of 98 members including 58 scientists. IETU research agenda comprises many environmental problems, including: land management, risk analysis and assessment, integrated environmental monitoring and modelling, environmental microbiology and environmental policy. IETU R&D act activities especially address supporting decision-making processes aimed at enforcement of the sustainability principle in environmental management as well as legal, institutional and organisation settings of contaminated environment rehabilitation. IETU has been actively co-operating with R&D units, academia and governmental bodies at home and internationally.</p> <p>IETU has been is involved in the development and execution of the National Governmental Program „Environment and Health” (ongoing, IETU co-ordinator of the environmental part), The Institute has been involved in realisation of 12 5 FP EU projects, mainly in the key action Environment and Sustainable Development and Quality of Life, e.g.: INCORE, PHYTODEC, METALLOPHYTE, IMAGE-TRAIN, URBAN-EXPOSURE, NORISC, and 5 FP6 projects. Since 1995, IETU has conducted a collaborative technology research and development program with Florida State University and the U.S. Department of Energy. This program has identified, developed and evaluated environmental technologies for the remediation of contaminants of concern to both Poland and the US. The programme included components related to assessing human health risk (HRA) resulted from exposure to environmental stressors. In the</p>

	<p>research area, addressing HRA IETU has experience in assessment of human exposure to toxic metals by determining biomarkers in biological material.</p> <p>IETU has also experience in investigation of heavy metals in soil and edible plants from allotments arable land in the Upper Silesia Region as well as in kindergarten children diet.</p> <p>Our lab has got accreditation of Polish Centre for Accreditation.</p>
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	5.4.8. Area: Environmental health risks
Topic	2005: T5.4.8.1 Assessing the health impact of metals: Sources, benefits and toxic effects
Title	Assessing the health impact of metals on vulnerable population, living at the contaminated areas of some industrial regions of Europe
Description (incl. budget outline)	<p>Key words: contaminated food and crops, toxic metals, essential (<i>indispensable</i>) metals, children's exposure, reference areas</p> <p>Scope:</p> <p>Assessing of environmental sources of ingested metals in total human exposure</p> <p>Assessing of children's <i>daily diet</i> contaminated with metals</p> <p>Assessing of diet contribution to children exposure by ingestion tract</p> <p>Assessing of crops contamination with metals (polluted and reference areas)</p> <p>Impact of soil contamination in food chain (from farm to fork)</p> <p>Health risk assessment due to food contamination</p> <p>Recommendations for diminishing of human population exposure on food contamination</p> <p>Risk management and risk communication</p> <p>The project will also include the retrospective own research data. These data originate from heavy metals polluted areas and from reference areas in Poland.</p> <p>Budget: Depending on size and numbers of case studies the cost is estimated between 400 000 and 900 000 EUR.</p>
Partners involved	<p><u>From Poland:</u></p> <p>IETU – as project partner</p> <p>National Food and Nutrition Institute, National Institute of Veterinary and Institute of Soil Science and Plant Cultivation.</p> <p><u>European Commission Forum:</u> COST 859 Action: "Phytotechnologies to promote sustainable land use management and improve food safety"</p>
Target partner(s) (type, expertise required and role in the project)	We look for a unit – co-ordinator of the project, teams from other countries dealing with the similar problems

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Web site:	http://www.ietu.katowice.pl

INFORMATION OF ORGANIZATION	
Name of organization	Industrial Research Institute for Automation and Measurements
Main researchers and expertise (name, surname, academic degree)	Over 100 high educated employers (engineers, masters and PhDs) in the field measurements, mechatronics, metrology, environmental protection and others.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input checked="" type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input type="checkbox"/> >250
Short description of organization (main research activities)	<p>The Industrial Research Institute for Automation and Measurements (PIAP) is leading Polish R&D institute. The engineers from the Institute have a lot of experience in food storage monitoring (especially grain silo monitoring). PIAP's monitoring systems used for that kind of application are robust, user-friendly and enable control of all important parameters in grain silo. It create possibility of increasing quality of food storage, and protect people from risk of explosion in grain silo. We also developed unique, environmental friendly devices, which eliminate rodents from food storage facilities.</p> <p>Moreover we PIAP is known in the field of unique technical solutions for monitoring and telemetry systems, based on different methods of data transmission: mobile phones GSM network (especially GPRS and transmission via SMS messages), radio telemetry (such as low power radio transmission) and data transmission via satellite. The team working on that kind of monitoring designed many systems for monitoring of water installations in Polish towns such as Warsaw, Swiecie, Blonie and Makow. Moreover engineers from our Institute are experienced in computer based SCADA remote monitoring systems, industrial testing and control systems.</p> <p>Due to realization of different projects PIAP is in close collaboration with local government what, can be useful during dissemination process of the project proposal. And have also good connection with Polish Small and Medium Enterprises.</p> <p>PIAP was involved in several international projects, what can be helpful during preparation formal documents.</p>
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	

Topic	
Title	
Description (incl. budget outline)	
Partners involved	
Target partner(s) (type, expertise required and role in the project)	

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INFORMATION OF ORGANIZATION	
Name of organization	Res. Institute of Pomology & Floriculture
Main researchers and expertise (name, surname, academic degree)	Leszek Orlikowski, prof. dr hab Alicja Saniewska, doc. dr hab. Czeslaw Skrzypczak doc. dr hab. Adam Wojdyla doc. dr hab.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Development of new technology ,including plant protection , in production of fruits, ornamental plants and apiculture
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	
Topic	Phytopathology
Title	Biocontrol methods in the protection of plants against soil-borne and leaf pathogens New pathogenic species, including <i>Phytophthora</i> , biology and possibility of their control
Description (incl. budget outline)	
Partners involved	from Western Europe
Target partner(s) (type, expertise required and role in the project)	

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Web site:	

INFORMATION OF ORGANIZATION	
Name of organization	Research Institute of Pomology and Flor.,
Main researchers and expertise (name, surname, academic degree)	BASAK ALINA Professor dr.,
	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

Organization type	Consultancy <input checked="" type="checkbox"/> Research <input type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology <input type="checkbox"/> Transfer <input type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME <input type="checkbox"/>
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Fruit plants genetic and breeding; molecular biology and biotechnology; pest and disease control; physiology and biochemistry of pomological plants; integrated and sustainable production; protection of genetic resources of fruit trees and bushes; technology of fruit production; orchard management; horticultural engineering; fruit storage and processing; product quality and pesticide residue analysis; economic of fruit production; and other
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input checked="" type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP <input checked="" type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	?
Topic	Fruit quality and safety; Sustainable fruit production
Title	Regulation of fruit trees /buses cropping and production of high quality fruits by proecological use of bioregulators and natural products
Description (incl. budget outline)	The aim of study would be: - search of safe technologies (for consumers as well as for environment) of fruit set and fruit quality regulation by use of new bio-regulators and bio-preparations supplemented by hand thinning, and - improvement of application technology to reduce the dose of preparations used and to avoid the environment pollution , or - supporting the efficiency of bio-preparations by addition of adjuvants/activators or natural products. Safe products will be used to protect of fruit trees against spring frost damage and for improvement of choosen fruit quality features.
Partners involved	Researchers – horticulturist, physiologist, chemic
Target partner(s) (type, expertise required and role in the project)	Research Institute/ Horticulture University/ Chemical Laboratories Role in project - Main coordinator, sub-coordinator, sub- contractor
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INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Pisula Andrzej, professor, PhD, DSc
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Faculty of Food Technology, Division of Meat Technology. Physico-chemical properties of meat and meat products. Quality and safety of raw materials (meat and additives) and final products. Modern methods of meat processing.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	T 5.4.1.3
Topic	Improving the quality and safety of ready-to-eat products and semi-prepared foodstuffs by the exploitation of new and innovative technologies.
Title	The use of Ultra High Pressure (UHP) for improving the quality and shelf life of meat products.
Description (incl. budget outline)	Laboratory and pilot plant experiments on the influence of UHP on quality factors and microbial stability of red and poultry meat "ready to eat" products. 200 000 Euro
Partners involved	Polish Hygiene Institute, Center for Research on UHP of Polish Academy of Sciences.
Target partner(s) (type, expertise required and role in the project)	Research Institution, Industrial companies.

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e-mail:	pisula@alpha.sggw.waw.pl		
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INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Pisula Andrzej, professor, PhD, DSc
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Faculty of Food Technology, Division of Meat Technology. Physico-chemical properties of meat and meat products. Quality and safety of raw materials (meat and additives) and final products. Modern methods of meat processing.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	T 5.4.1.3
Topic	Improving the quality and safety of ready-to-eat products and semi-prepared foodstuffs by the exploitation of new and innovative technologies.
Title	The use of Computer Image Analysis for standardization fat level in meat trimmings use for manufacture of "ready to eat" products.
Description (incl. budget outline)	Laboratory and pilot plant experiments for development of "on line" system for fat level control in meat trimmings from cutting and deboning industrial lines. 200 000 Euros
Partners involved	Constar Meat Co., Foss Co.
Target partner(s) (type, expertise required and role in the project)	Research Institution, Industrial companies.

CONTACT DETAILS			
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e-mail:	pisula@alpha.sggw.waw.pl		
Web site:	http://www.sggw.waw.pl		

INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Pisula Andrzej, professor, PhD, DSc
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Faculty of Food Technology, Division of Meat Technology. Physico-chemical properties of meat and meat products. Quality and safety of raw materials (meat and additives) and final products. Modern methods of meat processing.
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP <input type="checkbox"/> CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	T 5.4.1.4
Topic	Improving the quality and safety of pork and pork products for the consumer
Title	Physico-chemical properties of pork from traditional polish and selected commercial breeds.
Description (incl. budget outline)	Laboratory and pilot plant experiment in order to evaluate quality of pork as a basic raw material and develop traditional processed meat products of very high sensory and nutritional value. 200 000 Euros
Partners involved	Institute of Animal Husbandry Jastrzębiec, Łuków Meat Co.
Target partner(s) (type, expertise required and role in the project)	Research Institution, Industrial companies.

CONTACT DETAILS			
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Fax:	+48 22 853 09 58		
e-mail:	pisula@alpha.sggw.waw.pl		
Web site:	http://www.sggw.waw.pl		

INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Pisula Andrzej, professor, PhD, DSc
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Faculty of Food Technology, Division of Meat Technology. Physico-chemical properties of meat and meat products. Quality and safety of raw materials (meat and additives) and final products. Modern methods of meat processing.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	T 5.4.1.3
Topic	Improving the quality and safety of ready-to-eat products and semi-prepared foodstuffs by the exploitation of new and innovative technologies.
Title	The use of transglutaminase for quality improvement of "ready to eat" poultry meat products.
Description (incl. budget outline)	Laboratory and pilot plant experiments on the influence of transglutaminase on quality of poultry meat "ready to eat" products. 100 000 Euro
Partners involved	Suwalskie Zakłady Drobiarskie Sp. z o.o.
Target partner(s) (type, expertise required and role in the project)	Research Institution, Industrial companies.

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Web site:	http://www.sggw.waw.pl		

INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Obiedziński Mieczysław, professor, PhD, DSc.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Division of Food Quality and Management, of Faculty of Food Technology. Instrumental methods of food analysis, quality and safety management, food contaminants.
PROJECT DETAILS	
Project type	<input type="checkbox"/> IP <input type="checkbox"/> NoE <input checked="" type="checkbox"/> STREP CA <input type="checkbox"/> Other:
Call info (which call does the PS refer to?)	T 5.4.2.3
Topic	Health risk and benefits of increased global trade in foods and food ingredients.
Title	Formation of mutagenic components of food.
Description (incl. budget outline)	Analysis of health risk components in food. 200 000 Euro
Partners involved	Research Centers in Poland and UE
Target partner(s) (type, expertise required and role in the project)	

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Web site:	http://www.sggw.waw.pl		

INFORMATION OF ORGANIZATION	
Name of organization	Warsaw Agricultural University
Main researchers and expertise (name, surname, academic degree)	Zmarlicki Stanisław, Professor, Ph.D., DSc.
Organization type	<input type="checkbox"/> Consultancy <input checked="" type="checkbox"/> Research <input checked="" type="checkbox"/> Education <input type="checkbox"/> Industry <input type="checkbox"/> Technology Transfer <input checked="" type="checkbox"/> Non-Commercial <input type="checkbox"/> Other <input type="checkbox"/> SME <input type="checkbox"/> Owned by non-SME
Organization Size (employees)	<input type="checkbox"/> < 10 <input type="checkbox"/> 10-49 <input type="checkbox"/> 50-99 <input type="checkbox"/> 100-199 <input type="checkbox"/> 200-249 <input checked="" type="checkbox"/> >250
Short description of organization (main research activities)	Faculty of Food Technology, Division of Milk Biotechnology. Studies on microbiological quality of milk products. Advisory in the field of low-fat sour cheese production. Advisory in the field of milk products enriched with calcium and magnesium, as well as on pro-biotic products. The use of ultra-filtration in the process of obtaining new milk products.
PROJECT DETAILS	
Project type	<input checked="" type="checkbox"/> IP <input type="checkbox"/> NoE <input type="checkbox"/> STREP CA <input type="checkbox"/> Other: SSA
Call info (which call does the PS refer to?)	T.5.4.3.5.
Topic	Milk and dairy products with optimised bioactivity
Title	Improvement of nutritional value of dairy products
Description (incl. budget outline)	The objective of this project is to study applying of various traditional (fermentation) and innovative technologies (membrane processes, fortification with mineral salts, enzymatic modification of milk compounds) for the dairy food production, which have impact on the nutritional value of dairy products (increase of Ca, Mg, Fe content, lactose hydrolyze, reduction of fat content, cholesterol assimilation by lactic acid bacteria, concentration or modification of proteins). The investigations will include also the influence of microorganisms used in the dairy industry on the bioactivity of milk compounds: peptides, cholesterol, CLA, lactose, etc. 200 000 EUR
Partners involved	
Target partner(s) (type, expertise required and role in the project)	Universities/Institutes, Research/Technology Centers.

CONTACT DETAILS	
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THE END