



## REINFORCEMENT OF FEED TO FOOD RESEARCH CENTER AT INSTITUTE FOR FOOD TECHNOLOGY OF THE UNIVERSITY OF NOVI SAD

### FEED-TO-FOOD

Type of funding scheme: **Coordination and support actions (Support)**  
Work program topics addressed: **FP7-REGPOT-2007-3**



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**Institute for Food Technology,**  
**Center for Feed and Animal Products**  
**Novi Sad, Serbia**



### Overall strategy




- **Upgrading and renewal of S&T research equipment for WBC /FEED-TO-FOOD RC**
- **Recruitment of the WBC /FEED-TO-FOOD RC by:**
  - **incoming experienced researcher (nationals)**
  - **hiring of new young researchers**
- **Exchange of know-how and scientific experience between IFF and IFR Institutes and FEED-TO-FOOD RC**
  - **trans national two-way secondments of research staff between the selected centres**
  - **training in IFF and IFR institutes for Ph.D. students and/or post- doctoral researchers**
  - **specialized trainings in laboratories abroad**
  - **preparing of cooperative activities and/or joint RTD proposals**




## Overall strategy



- Knowledge transfer at national and international level
  - workshops, roundtable
  - national and international conferences and FOOD CLUSTERING initiative
  - short term training events
  - network building
  - expose of selected centres to a more international environment
- Dissemination and promotional activities to ensure increased visibility of all beneficiaries and their activities



Within project, **FINS** from WBC Serbia will coordinated:



**"FEED-TO-FOOD"**


**BENEFICIARIES**

CSAs


- Research Institute of Feed technology, IFF, Germany
- Institute of Food Research, IFR, United Kingdom
- National Institute of Research and Development in Animal Biology and Nutrition, IBNA, Romania
- Institute of Animal Science of the LVA, Lithuania

More than 30 researchers

WP-1	Project Management
WP-2	Reinforcement of FEED-TO-FOOD Research Potentials
WP-3	Developing and unlocking of Research Potentials
WP-4	Knowledge Transfer
WP-5	Dissemination and promotion activities



## WP1 Project Management



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<b>Participant ID</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Participant short name</b>	<b>FINS</b>	<b>IFF</b>	<b>IFR</b>	<b>IBNA</b>	<b>IAS</b>
<b>Person-months per beneficiary</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

**Objectives**  
To ensure the basic infrastructure of the CSAs for coordination and administration and to allow the FEED-TO-FOOD research centre to reinforced as planned on time and within budget


**Description of work**

- 1.1 Overall project management
- 1.2 Budget management
- 1.3 Coordination assistance
- 1.4 Local coordination
- 1.5 Organization of international board meetings
- 1.6 Organization of training
- 1.7 Organization of workshops and roundtable
- 1.8 Audit Certification

**Deliverables**  
D.1.1. Progress report about promoted cooperation



## WP2 Reinforcement of FEED-TO- FOOD Research Potentials



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<b>Participant ID</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Participant short name</b>	<b>FINS</b>	<b>IFF</b>	<b>IFR</b>	<b>IBNA</b>	<b>IAS</b>
<b>Person-months per beneficiary</b>	<b>134</b>	<b>1</b>			

**Objectives:**

Improving the RTD capacity of FEED-TO-FOOD Research Centre in terms of:

- Upgrading and renewal S&T research equipment
- Development of S&T human potential and opening the opportunity for several young researchers to be hired and later employed by the centre and thus prevent “brain-drain”.
- Creating conditions for integration of FEED-TO-FOOD research centre in the FP7 networks and RTD projects as well as in the MS's national cooperation programmes.



## WP2 Reinforcement of FEED-TO- FOOD Research Potentials



### DESCRIPTION OF WORK

2.1 - **Upgrading and renewal of s&t infrastructure** of Feed-to-Food RC through a procedure of open tender for the best offer.

-**Tender documentation** detailing the equipment needed and the specific requirements will be prepared by experts from Feed-to-Food RC and IFF, and presented to companies that produced and/or sell such equipment.

- Project coordinator, by the assistance of experts from Feed-to-Food RC will decide upon and **select the offer** that fulfils best the requirements presented in the documentation. According to the rules in Serbia for purchasing equipment, at least three valid offers are required.

- **Training of young researchers and technician** for working with new equipment. *(8 person/month for Feed-to-Food RC and 1 person/month for IFF)*

2.2 **Short stays for experts** from Feed-to-Food RC at IFF and in equipment Producing and/or selling companies



## WP2 Reinforcement of FEED-TO- FOOD Research Potentials



**2.3 Young researchers** (chosen from the excellent postgraduate students) **will be hired** to work on the activities of Feed-to-Food RC , to be trained for working with specific new pilot plant equipments. Towards the end of the project permanent positions in Feed-to-Food RC or in fins will be offered for 2 of young researchers and thus prevent "brain-drain". For the other two young researchers, feed-to-food research centre will try to find an appropriate position elsewhere (laboratories, industry, SME..).

*(2 of them will be start to work on project at 7th and another 2 on 19thmonth after beginning of project and all will finished at 36. Month.)*

**2.4 Young technician will be hired** to work and trained for maintaining a specific new pilot plant equipments *(he will start at 7th and finished at 36. Month).*

### Deliverables

D.2.1. Report about equipment reinforcement

D.2.2. Reports about hired young researchers and technician



### WP3 Developing and unlocking of research potentials



<b>Participant ID</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Participant short name</b>	<b>FINS</b>	<b>IFF</b>	<b>IFR</b>	<b>IBNA</b>	<b>IAS</b>
<b>Person-months per beneficiary</b>	<b>68</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

#### Objectives

- Briefings of project partners at Feed-to-Food RC including on-site visits and introduction to local problems in production chain from FEED-TO-FOOD.
- Helping to strengthen the research capacities of researchers at Feed-to-Food RC and to successfully participate in research activities at EU level.
- Establishing the international networking and co-operation integrating: exchange of scientific know-how; mobilization of human potential; exploitation of RTD results
- Stimulating the realization of the full research potential of the enlarged EU by unlocking and developing the research potential of WBC and the EU's convergence regions



### WP3 Developing and unlocking of research potentials



#### Description of work

- 3.1 International board meeting** will be organized in Novi Sad, at the beginning of the project, to introduce each other, initiate joining activities, make project consortium, make detail plan of activities, define time table and activities for each beneficiaries, as well as every years, to evaluate the results achieved by them, and to plan and improve future activities. (*Each abroad beneficiaries 1 person, Feed-to-Food RC 2 person*).
- 3.2 Exchanging research experience** through short stays at **ms's research institutes** IFF and IFR: for (3key persons) from Feed-to-Food RC and from IBNA(1 key person) and IAS institutes (1 key person).
- 3.3 Exchanging research experience** through short stays at institutes from EU **regions of convergence**: representatives from Feed-to-Food RC visit the IBNA (4 senior researchers) and IAS institutes (4 senior researchers).
- 3.4 Exchanging research experience** and know-how through **secondments** of research staff from the IFF (1person), IFR (1 person), IBNA(2 persons) and IAS institutes (2 persons) in Feed-to-Food RC (*each person one month*).



### WP3 Developing and unlocking of research potentials



**3.5 Encourage the return of nationals having left the country:** **Dragan Palic**, Ph.D., FROM Agricultural Research Council of South Africa, ARC-Animal Production Institute, Irene, South Africa, will be back to Serbia at Feed-to-Food RC . (*Start at 13th month and stay 24 months*)

**3.6 One-month scientific visits and training of young researcher** from Feed-to-Food RC in IFF (*4 person,*) IFR (*6 person*), IBNA (*2 person*) and IAS (*2 person*). Junior scientists will be learn about research methods and running research projects at eu-partner institutions.

**3.7 Two-week visit and training for new young researchers** from Feed-to-Food RC in IFF institute at **basic course**-compound feed production (*4 persons*).

**3.8 One-week visit and training course for young researchers** from Feed-to-Food RC in IFF institute **advanced course** - compound feed production (*5 persons*).

#### Deliverables

D.3.1. Reports about developing and unlocking of research potentials



### WP4 Knowledge Transfer



Participant id	1	2	3	4	5
Participant short name	FINS	IFF	IFR	IBNA	IAS
Person-months per beneficiary	12	2	3	4	4

#### Objectives

Knowledge transfer through

- 1<sup>st</sup> Workshop "MODERN TRENDS IN PRODUCTION CHAIN FROM FEED TO FOOD at International level by Feed-to-Food RC in Serbia
- Roundtable: "BETTER REGULATION IN FEED-TO-FOOD PRODUCTION CHAIN" with governmental stakeholders and producers by Feed-to-Food RC in Serbia.
- 2<sup>nd</sup> Workshop "EXTRUSION TECHNOLOGY APLICATIONS IN FEED AND FOOD INDUSTRY" at International level by Feed-to-Food RC in Serbia.



## WP4 Knowledge Transfer



### Description of work

**4.1 Definition of the list of invited speakers** (Project networking institutions, and speakers from other institutions) –  
Project coordinator and other members of International board;

**4.2 Definition of the overall structure of the Workshops and Roundtable** – Scientific Committee;

**4.3 Preparing of lectures and participation at the Workshops and the Roundtable**

**4.4 Posting of the workshop and the roundtable announcement** (to about 200 addresses) - FEED-TO-FOOD research center;

**4.5 Preparation of the workshop and roundtable proceedings on CD** - FEED-TO-FOOD research center;

**4.6 Preparation of the workshop and roundtable proceedings for the Web portal**- FEED-TO-FOOD research center;

### Deliverables

D.4.1. Announcement for the 1<sup>st</sup> Workshop

D.4.2. Announcement for the roundtable

D.4.3. Announcement for the 2<sup>nd</sup> Workshop



## WP5 Dissemination and promotional activities



Participant id	1	2	3	4	5
Participant short name	FINS	IFF	IFR	IBNA	IAS
Person-months per beneficiary	12	1	1	6	6

### Objectives

- Results of the Project will be presented at conferences at national and international level, and through food-cluster.
- Promotions of the developed feed-to food- research centre and the results of knowledge transfer and networking of all beneficiaries through workshops, roundtables, public presentations, communication with stakeholders etc.



## WP5 Dissemination and promotional activities



### Description of work

- 5.1 Public presentation of papers and articles concerned with Project
- 5.2 FOOD-CLUSTER activities
- 5.3 Development, launch and maintaining of Web portal.
- 5.4 Leaflet preparation and publishing
- 5.5 Communications with interested partners and authorities.
- 5.6 **Contacts about Public presentations** (newspapers, TV shows, press conferences, different Web-portals...) of reinforced research capacities and networking results

### Deliverables

- D.5.1. Reports about FEED -TO -FOOD Project promotion
- D.5.2. Web portal
- D.5.3. Leaflet



## Eligible cost and requested contribution





Participant	Coordination / Support (A)	Management (B)	Other (C)	Total (A+B+C)	Total receipts	Requested EC contribution
FINS	754,860.00	64,800.00	0.00	819,660.00	0.00	727,083.50
IFF	63,360.00	10,680.00	0.00	74,040.00	0.00	65,396
IFR	51,180.00	10,200.00	0.00	61,380.00	0.00	54,135.50
IBNA	51,060.00	3,840.00	0.00	54,900.00	0.00	48,728.50
IAS	51,060.00	3,840.00	0.00	54,900.00	0.00	48,728.50
<b>Total</b>	<b>971,520.00</b>	<b>93,360.00</b>	<b>0.00</b>	<b>1.064,880.00</b>	<b>0.00</b>	<b>944,072.00</b>



<b>FINS</b>					
		Type of Activity			TOTAL A+B+C
		Coordination Support (A)	Management (B)	Other (C)	
Personel cost	153.000.00	54.000.00	0.00	207.000.00	
Subcontracting	0.00	0.00	0.00	0.00	
Other direct costs	476.050.00	0.00	0.00	476.050.00	
Indirect costs	125.810.00	10.800.00	0.00	136.610.00	
Max. reimbursement ind.cost	44.033.50	3.780.00	0.00	47.813.50	
Total costs	754.860.00	64.800.000	0.00	819.660.00	
Max. allowable EC contribution	673.083.50	577.780.00	0.00	730.863.50	
Requested EC contribution	673.083.50	54.000.00	0.00	727.083.50	
Receipts				0.00	

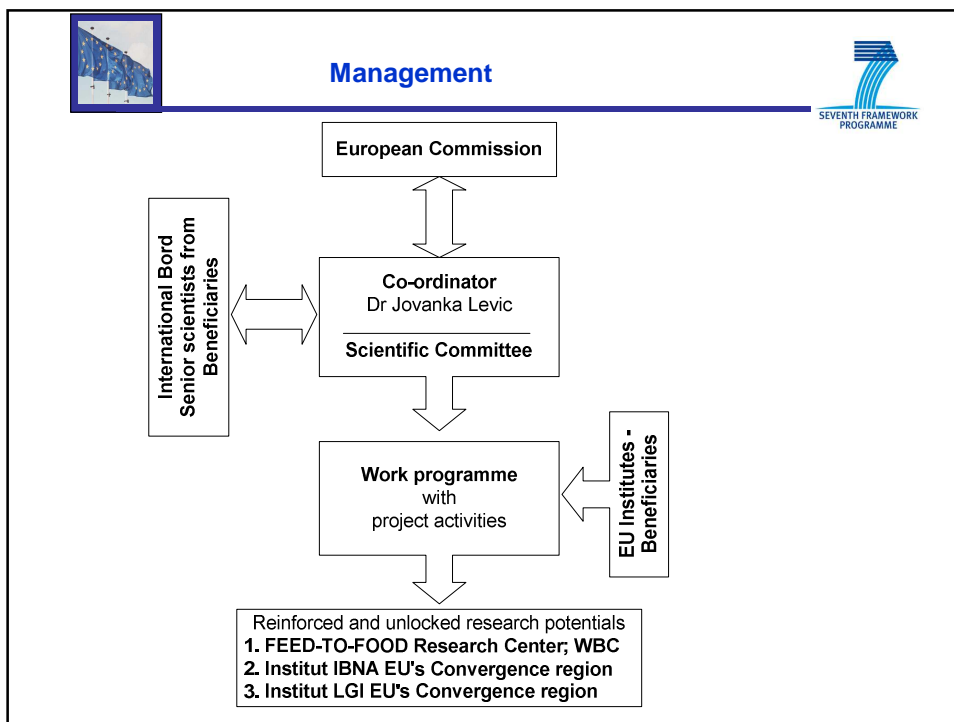
<b>IFF</b>					
		Type of Activity			TOTAL A+B+C
		Coordination Support (A)	Management (B)	Other (C)	
Personel cost	20.000.00	8.900.00	0.00	28.900.00	
Subcontracting	0.00	0.00	0.00	0.00	
Other direct costs	32.800.00	0.00	0.00	32.800.00	
Indirect costs	10.560.00	1.780.00	0.00	12.340.00	
Max. reimbursement ind.cost	3.696.00	623.00	0.00	4.319.00	
Total costs	63.360.00	10.680.00	0.00	74.040.00	
Maximum allowable EC contribution	56.496.00	9.523.00	0.00	66.019.00	
Requested EC contribution	56.596.00	8.900.00	0.00	65.396.00	
Receipts				0.00	

		<b>IFR</b>			
					
	<b>Type of Activity</b>				
	Coordination Support (A)	Management (B)	Other (C)	TOTAL A+B+C	
Personel cost	20.000.00	8.500.00	0.00	28.500.00	
Subcontracting	0.00	0.00	0.00	0.00	
Other direct costs	22.650.00	0.00	0.00	22.650.00	
Indirect costs	8.530.00	1.700.00	0.00	10.230.00	
Max. reimbursement ind.cost	2.985.50	595.00	0.00	3.580.50	
Total costs	51.180.00	10.200.00	0.00	61.380.00	
Maximum allowable EC contribution	45.635.50	9.095.00	0.00	54.730.50	
Requested EC contribution	45.635.50	8.500.00	0.00	54.135.50	
Receipts				0.00	

		<b>IBNA</b>			
					
	<b>Type of Activity</b>				
	Coordination Support (A)	Management (B)	Other (C)	TOTAL A+B+C	
Personel cost	6.400.00	3.200.00	0.00	9.600.00	
Subcontracting	0.00	0.00	0.00	0.00	
Other direct costs	36.150.00	0.00	0.00	36.150.00	
Indirect costs	8.510.00	640.00	0.00	9.150.00	
Max. reimbursement ind.cost	2.978.50	224.00	0.00	3.202.50	
Total costs	51.060.00	3.840.00	0.00	54.900.00	
Maximum allowable EC contribution	45.528.50	3.424.00	0.00	48.952.50	
Requested EC contribution	45.528.50	3.200.00	0.00	48.728.50	
Receipts				0.00	

<b>IAS</b>					
		<b>Type of Activity</b>			
		Coordination Support (A)	Management (B)	Other (C)	TOTAL A+B+C
<b>Personel cost</b>		6.400.00	3.200.00	0.00	9.600.00
<b>Subcontracting</b>		0.00	0.00	0.00	0.00
<b>Other direct costs</b>		36.150.00	0.00	0.00	36.150.00
<b>Indirect costs</b>		8.510.00	640.00	0.00	9.150.00
<b>Max. reimbursement ind.cost</b>		2.978.50	224.00	0.00	3.202.50
<b>Total costs</b>		<b>51.060.00</b>	<b>3.840.00</b>	<b>0.00</b>	<b>54.900.00</b>
<b>Maximum allowable EC contribution</b>		45.528.50	3.424.00	0.00	48.952.50
<b>Requested EC contribution</b>		45.528.50	3.200.00	0.00	48.728.50
<b>Receipts</b>					<b>0.00</b>

<b>Risk identification</b>					
Critical path	Risk	External factors	Activity	WP	Solution
Problems with the price of equipment	Price rice	Governmental policy	RTD	WP1	Funding support shall be requested from another sources
Problems with equipment delivery	Delivery late	Production is late, problems with transport, custom...	RTD	WP1	Transfer of the date of action for other WP for that time
Problems with hiring young researchers	Not available	No young researchers	RTD	WP1	Try to found researchers from regions
Problems with employment	Live the job	Different reasons	RTD	ALL	Try to employ new researcher
Problems with participation	Problems with participation of invited people	Invite people have other engagements, illness, etc.	RTD	ALL	Prepare alternatives
Terms	Problems with participation	Collision with other Activities, illness...	RTD	ALL	Change the date of action about $\pm 2$ months against plan
Problem with visa issue	To get visa on time for researchers from Serbia	Governmental policy	RTD	ALL	Preparing plan of visits well and on time. Ask for Special EU policy toward visa issue for researchers



**Thank you**

SEVENTH FRAMEWORK PROGRAMME