



# trafoon

Traditional Food Network to improve the transfer of knowledge for innovation



## **Potential of recirculating aquaculture systems (RAS) for Czech fishery production**

### **1<sup>st</sup> – 2<sup>nd</sup> September 2015**

Vodňany, Česká republika

International Environmental Educational, Advisory and Information Center of Water Protection Vodňany (MEVPIS)

Na Valše 207, 389 01 Vodňany

An expert seminar which is intended for Czech fisherman and potential clients in the construction and operation of commercial fish farms using RAS in the Czech Republic. The experts will present all aspects of this type of fish production technology and will answer to questions about this issue.

Specialized companies in aquaculture will present essential technology used in RAS as a part of this seminar. Furthermore, in the seminar will be organized excursions to the fish-breeding facilities of the FFPW USB and also to the production farm using RAS (Anapartners Ltd.) in the Czech Republic.

The seminar is held primarily in the Czech language. Selected presentations will be interpreted into English.





## PROGRAMME

*Tuesday, 1<sup>st</sup> September 2015*

An exhibition of Czech companies producing breeding equipment and components used in RAS and measurement equipment for water quality will take place during the first day of the expert seminar from 9 a.m. to 17.30 p.m. in the premises of the MEVPIS Vodňany, FFPW USB.

### *SESSION I (9:00 – 17:30)*

**9:00 – 9:10** Welcome speech (**T. Polícar**)

**9:10 – 9:40** Introduction into intensive fish farming, an overview of RAS operated in the Czech Republic (**J. Kouřil**)

**9:40 – 10:05** Economic aspects of intensive fish farming and experience with operating Fish Farm Bohemia s.r.o. (**M. Junek**)

### **10:05 – 10:25** *COFFEE BREAK*

**10:25 – 11:40** Development of recirculating aquaculture systems and their economy - the potential for breeding of new fish species (**Warrer Ivar Hansen**)

**11:40 – 12:05** Intensive rearing of stock material of European eel and other valuable fish species (**J. Švarc**)

**12:05 – 12:30** Discussion

### **12:30 – 13:25** *LUNCH*

**13:25 – 13:50** Block of presentations of exhibiting companies

**13:50 – 14:15** Presentation of intensive fish farming in Anapartners Ltd. (**L. Schneeberger**)

**14:15 – 14:40** Experience with pilot recirculation aquaculture system in AGRICO s.r.o. (**M. Kašparů**)

**14:40 – 15:05** Presentation of Danish type recirculating systems (**J. Mareš**)

**15:05 – 15:30** Practical experience with the Danish type RAS systems (**M. Buřič**)

### **15:30 – 17:30** *COFFEE BREAK*

**15:50 – 16:15** Approaching of biofilters in cold-water aquaculture of Danish type (**Š. Lang**)

**16:15 – 17:00** Support of Entrepreneurship and enhancing of competitiveness (**S. Seabra**)

**17:00 – 17:30** Discussion





## *SESSION II*

### *EXCURSION TO THE FISH-BREEDING FACILITIES OF THE RIFCH, FFPW USB (17:30 TO 19:00)*

Participants will visit (in three individual groups):

- Experimental Fish Culture and Facility,
- Genetic Fisheries Center,
- A new experimental hall used for intensive fish farming.

## *SESSION III*

### *RICH EVENING BANQUET AND DEGUSTATION OF FISH SPECIALTIES, FREE ENTERTAINMENT (19:30 - 23:00)*

# *Wednesday, 2<sup>nd</sup> September 2015*

## *SESSION IV (8:30 – 12:20)*

- 8:30 – 8:55** Suitable fish species used in RAS (**V. Stejskal**)
- 8:55 – 9:20** Using RAS for production of ornamental fish species and other potential tropical commercially exploited fish species (**P. Podhorec**)
- 9:20 – 9:45** Methods and techniques used in intensive aquaculture (**T. Policar**)
- 9:45 – 10:10** Production of pikeperch in combined pond and intensive aquaculture (**M. Blecha**)
- 10:10 – 10:35** Potential use of burbot in intensive aquaculture (**P. Svačina**)

## **10:35 – 11:00** *COFFEE BREAK*

- 11:00 – 11:25** Combination of pond and intensive farming of grass carp to ensure its survival during the winter season (**J. Kříšťan**)
- 11:25 – 11:50** Efficient use of nutrients in aquaculture (**J. Mráz**)
- 11:50 – 12:20** Discussion

## **12:20 – 13:00** *LUNCH*

## *SESSION V.*

### *EXCURSION TO ANAPARTNERS, PRAGUE, (13:00 - 20:00)*





## - REGISTRATION-

Please send the completed form to the contact person responsible for the registration of the seminar Petr Svačina – e-mail: [svacina@frov.jcu.cz](mailto:svacina@frov.jcu.cz). For further questions please call +420 724 824 419.

For further information about accommodation at the MEVPIS center Vodňany (max. 17 double rooms) please contact Klára Kovaříková, [kkovarikova@frov.jcu.cz](mailto:kkovarikova@frov.jcu.cz); +420 737 221 931.

### I. Details about the participant (or participants):

- in case of need add the rows

Name	Surname	Organization	Contact (email /phone number)

### II. Details in participation for individual events seminars

- regarding to the better organization please write YES / NO in the fields provided on individual actions, seminars

- in case of need add the rows

Participant	Participation on 1st day of seminar	Participation on 2nd day of seminar	Excursion 1st day	Gala banquet	Excursion 2nd day

