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UNIVERSITÀ
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Programme for Short training course Improvement and innovation of aquaculture effluent treatment technology Freshwater flow-through Fish Farming

Objectives

The aim of the course is to introduce the representatives or consultants of European National Aquaculture Associations to the theoretical and practical nature of the systems developed for effluent treatment and waste management in fresh water aquaculture. The course will provide a top-down approach that will also encourage other members of the profession to participate and invest in the systems proposed.

Target group

- Association representatives
- Association-linked professionals
- Fish farmers

Number of Trainees

Maximum 20

Location

Centre de Congrès, La Cité, LYON (France) and the Murgat Farm, Beaufort (France); The Murgat farm produces a wide variety of trout and freshwater salmonid species.

Dates of the course

29th – 30th September 2006

Transportation and Hotels

Information available at <http://www.adapra.org/lyon2006/fr/pages/infosPratiques.html>

Important Note

Participation in this short AQUAETREAT training course is FREE for **all** participants. For Association representatives or Association-linked professionals, registration acceptance includes a contribution to travel and accommodation expenses.

Fish farmers will be admitted to the course according to the number of places available and on a 'first come, first served' basis.



COLLECTIVE RESEARCH CONTRACT COLL-500305



SIXTH FRAMEWORK PROGRAMME



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Programme of the training course

Sept. 29th 2006 (at the 'Palais des Congrès de Lyon')

Morning Session

- Introduction and objectives of the course
- Why treat aquaculture effluent?
- Monitoring farm water and effluent quality
- The 'AQUAETREAT' strategy:
 - Description of the system in place at the 'Maribrin' sea bass farm (Italy)
 - Description of the system in place at the 'Hoghoj' trout farm (Denmark)
- Solutions for the reuse of sludge
- Questions and Answer session with presenters

Afternoon session

- The 'Aquaetreat' solution for a flow-through trout farm (Pisciculture Charles Murgat: www.charlesmurgat.com) in France, covering:
 - System design
 - Waste and water characterisation
 - Sludge thickening
 - Operation of a constructed wetland
 - Water reuse
- Questions and Answer session

Sept. 30th 2006 (at the 'Pisciculture Charles Murgat', situated at Beaufort – Isère)

Morning Session

- Presentation of the farm
- Visit to the farm facilities

Afternoon session

- Practical session on site:
 - water treatment,
 - solids handling,
 - constructed wetland
- Questions and Answer session

The course should finish at 17.00 on September 30th



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Details of the Presentations in the 'Aquaetreat' Training Course

Sept. 29 th 2006 (Conference Centre of Lyon)	Draft list of Presenter(s)	Time allocation
Morning Session		
Introduction and objectives of the course	Nick Read (UK)	15 min
Why treat aquaculture effluent?	Vincenzo Zonno (IT)	45 min
The AQUAETREAT strategy: The system at Maribrin sea bass farm (Italy)	Licio Corbari (IT)	30 min
The AQUAETREAT strategy: The system at Hoghoj trout farm (Denmark)	Bob Lovitt (UK)	30 min
Monitoring farm water and effluent quality	Jane Claricoates (UK)	30 min
Solutions for sludge reuse	Guy Donaldson (UK)	30 min
<i>Lunch break</i>		
Afternoon session		
The 'Aquaetreat' solution for a flow-through trout farm (Pisciculture C. Murgat) in France: <ul style="list-style-type: none"> • System design • Waste and water characterisation • Sludge thickening • Constructed wetland operation • Water reuse 	Jean-Paul Blancheton (Fr) – Emanuel Roque (Fr) – Geoff Proffitt (UK)	120 min
Questions and Answers	Nick Read - Moderator	60 min

Notes: Coffee and Lunches will be taken in the Conference Centre

Languages: Presentations will be in English with simultaneous translation into **French**; in the afternoon session, the presentations given by J.P. Blancheton and E. Roque will be in French with simultaneous translation into **English**.



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Sept, 30 th 2006 at the Charles Murgat Fish Farm	Draft list of Presenter(s)	Time allocation
Morning Session		
Presentation of the farm	Laurent and Vincent Murgat	30 min
Visit to farm facilities	Laurent and Vincent Murgat	90 min
Lunch		
Afternoon session		
Practical session on site: water treatment, solid handling, constructed wetland	Vincent Murgat – Emanuel Roque	90 min
Questions and Answers	Nick Read - Moderator	45 min
Conclusions	Nick Read & Vincenzo Zonno	15 min

Notes:

Transfer of participants will be organised from the Conference Centre to the Farm
Refreshment and lunch details will be communicated later

Languages: For the on-site session, presentations will made in **French** with explanations given in English by the 'Aquaetreat' partners who will be present at the farm visit.



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