



The Network of Aquaculture Centres in Central and Eastern Europe

ACTIVITIES, ACHIEVEMENTS, FUTURE PLANS

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The need for cooperation



- + Common recent history**
- + Similar aquaculture traditions**
- + Successful cooperation in the past**
- Breakup of professional ties after political changes - increasing isolation**
- Economic difficulties, language barriers**
- Poor representation of the region in international science (conferences, publications, projects, etc.)**

Evolving of the NACEE initiative

- **EAS Eastern European Committee (February 2002)**
- **International Symposium „Coldwater Aquaculture Start in the 21st Century”, St. Petersburg, Russia (September 2003)**
- **First Meeting of NACEE Directors, Szarvas, Hungary (September 2004)**
- **Second Meeting of NACEE Directors, Astrakhan, Russia (November 2005)**



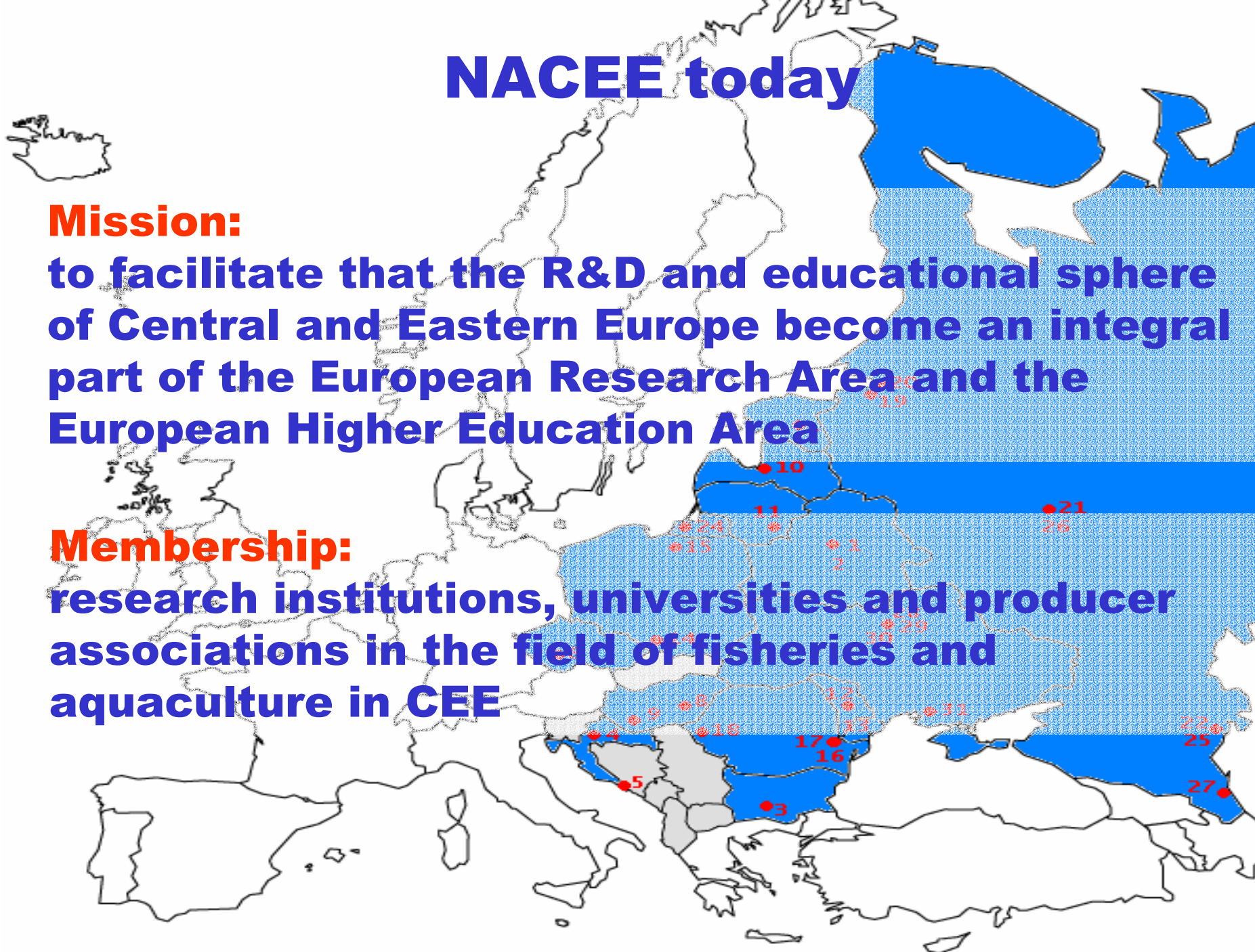
NACEE today

Mission:

to facilitate that the R&D and educational sphere of Central and Eastern Europe become an integral part of the European Research Area and the European Higher Education Area

Membership:

research institutions, universities and producer associations in the field of fisheries and aquaculture in CEE



NACEE today

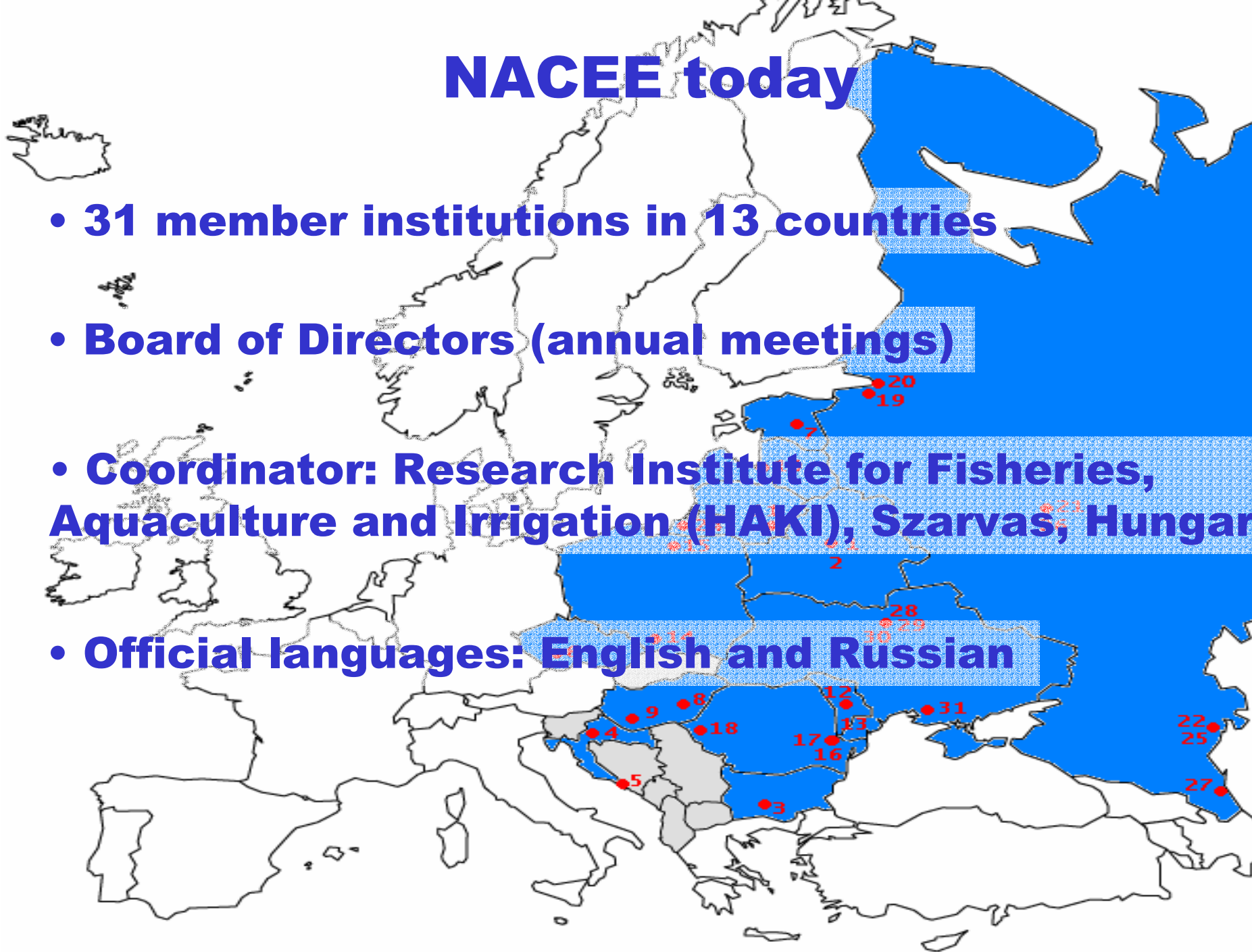
A map of Europe with several countries highlighted in blue, representing NACEE members. These include Ireland, the United Kingdom, France, Germany, Poland, Czech Republic, Slovakia, Austria, Hungary, and parts of the Balkans. Small red dots are scattered across the map, indicating specific locations or data points within these countries.

Objectives:

- information exchange among members
- transfer of information relevant to aquaculture development of the region
- exchange of scientists (especially young ones)
- joint research, education and training programmes
- better involvement of CEE institutions in European-level aquaculture development programmes
- assisting organisation of regional aquaculture meetings and conferences
- improvement of partnership between science and practice
- enhance capacity of CEE institutions to initiate and run regional aquaculture R&D projects
- develop collaboration between NACEE and other international networks/organizations (e.g. NACA)

NACEE today

- **31 member institutions in 13 countries**
- **Board of Directors (annual meetings)**
- **Coordinator: Research Institute for Fisheries, Aquaculture and Irrigation (HAKI), Szarvas, Hungary**
- **Official languages: English and Russian**



NACEE today

Cooperation:

- institutions in Slovakia, Slovenia, Serbia & Montenegro, Bosnia & Herzegovina, Macedonia and Albania (the entire CEE region)
- institutions outside the CEE region: Akvaforsk
- international organizations: EU, FAO-FIRI, FAO-SEUR, FAO-EIFAC, EAS, NACA, EFARO, IUCN, Eurofish



NACEE activities



Cooperation:

FAO/FIRI:

- aquaculture strategies of Croatia, Hungary, Ukraine;
- preparation of NASO/PAFAD reports and regional review of aquaculture development in the CEE region;
- organization of the FAO/NACEE Expert Meeting on Regional Review of Aquaculture Development Trends in Central and Eastern Europe;
- FAO support for the First and Second Director Meetings

NACEE activities



Cooperation:

FAO-SEUR:

- collaboration on development of the Fisheries and Aquaculture Chapter of the AgroWeb Network;
- SEUR hosts NACEE webpage and supported organization of the First Director Meeting.

IUCN:

- assistance in preparation of a publication on sustainable fisheries in Central and Eastern Europe.

NACEE activities

A map of Europe with several red dots and numbers scattered across it, representing various NACEE activities. The numbers include 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Cooperation:

- **Membership of NACEE in the ASEM Aquaculture Platform - participation in determination of research priorities**
- **Participation of representatives of FAO-FIRI, FAO-SEUR, EAS, NACA, Eurofish, IUCN in NACEE meetings**
- **Increased representation of NACEE members in international aquaculture events**
- **Increased mobility - participation in each other's conferences, training courses and other events**

NACEE activities

A map of Europe with red dots and numbers indicating the locations of NACEE member institutions. The dots are scattered across various countries, with some numbers like 21, 36, 17, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The map also shows the outlines of the British Isles and the Mediterranean coast.

Information exchange:

- regular e-mail information on aquaculture-related events and on issues relevant to member institutions
- NACEE webpage:
<http://agrowebcee.net/subnetwork/nacee/>
- cooperation with FAO-SEUR on development of the Fisheries and Aquaculture Chapter of AgroWeb Network (<http://agrowebcee.net/>)
- information on and distribution of relevant publications (by FAO, IUCN, member institutions, etc.)

NACEE activities



Publications:

- Békefi, E., Lengyel, P., Váradi, L. 2004. Review of fish producers' associations in Eastern Europe. *FAO Aquaculture Newsletter*, July 2004, No. 31: 12-16
<ftp://ftp.fao.org/docrep/fao/007/y5550e/y5550e00.pdf>
- Lengyel, P., Barg, U. 2004. First Meeting of Directors of the Network of Aquaculture Centres in Central-Eastern Europe (NACEE), Szarvas, Hungary, 21-24 November 2004. *FAO Aquaculture Newsletter*, December 2004, No. 32: 12-14
<ftp://ftp.fao.org/docrep/fao/007/y5878e/Y5878e05.pdf>
- Varadi, L., Lengyel, P. 2005. Official establishment of the Network of Aquaculture Centres in Central-Eastern Europe (NACEE). *World Aquaculture*, Vol. 36, No. 2 (Suppl. Aquaculture Europe): 12-15

NACEE activities

A map of Central and Eastern Europe showing the distribution of NACEE activities. The map includes countries from the British Isles to the Balkans and the Black Sea region. Red dots with numbers are placed on various countries: 11 in Hungary, 21 in Romania, 22 in Slovakia, 23 in Poland, 24 in Czechia, 25 in Austria, 26 in the Czech Republic/Slovakia border area, 27 in Ukraine, 10 in Bulgaria, 3 in Greece, and 5 in Turkey. The text is overlaid on the map.

Publications:

- **FAO/NACEE, 2005. Report of the First Meeting of Directors of the Network of Aquaculture Centres in Central-Eastern Europe (NACEE), Szarvas, Hungary, 21-24 November 2004. FAO Fisheries Report No. 774. Rome, FAO. 2005. 195p**
<ftp://ftp.fao.org/docrep/fao/008/y5923b/y5923b00.pdf>

Contribution and distribution:

- **Aps R., Sharp R., Kutonova T. (comp.) 2004. Freshwater Fisheries in Central & Eastern Europe: the Challenge of Sustainability. Overview Report. IUCN, Warsaw, Poland.**
http://www.iucn-ce.org/documents/fisheries/OR+9_Final.pdf

NACEE activities



Projects:

Four priority areas for joint projects:

- **sturgeon aquaculture (coordinator: BIOS Research and Production Center of Sturgeon Breeding, Astrakhan, Russia);**
- **carp genomics (coordinator: Federal Center of Fish Genetics and Selection, Moscow, Russia);**
- **unconventional species in aquaculture (coordinator: Research Institute for Fisheries, Aquaculture and Irrigation, Szarvas, Hungary);**
- **aquaculture education (coordinators: University of Dubrovnik, Croatia and Kaliningrad State Technical University, Russia)**

Future...

- **International NGO status with FAO - invitation to COFI meetings**
- **Framework cooperation agreement being developed with NACA**
- **Development of bi- and multilateral projects by the four working groups**
- **EU projects: EUROCARP (in progress - NACEE involved in information dissemination); EASTAQUANET (to be resubmitted)**
- **Publication of the Proceedings of the 2nd Director Meeting, the NASO/PAFAD Reports of the CEE countries and the Regional Review of Aquaculture Development Trends in CEE**



Dubrovnik

**Third Meeting of NACEE Directors
Dubrovnik, Croatia, September 2006**

**THANK YOU FOR
YOUR
ATTENTION**

