



GEF

Baltic Sea Regional Project

**LARGE MARINE ECOSYSTEM
ACTIVITIES**

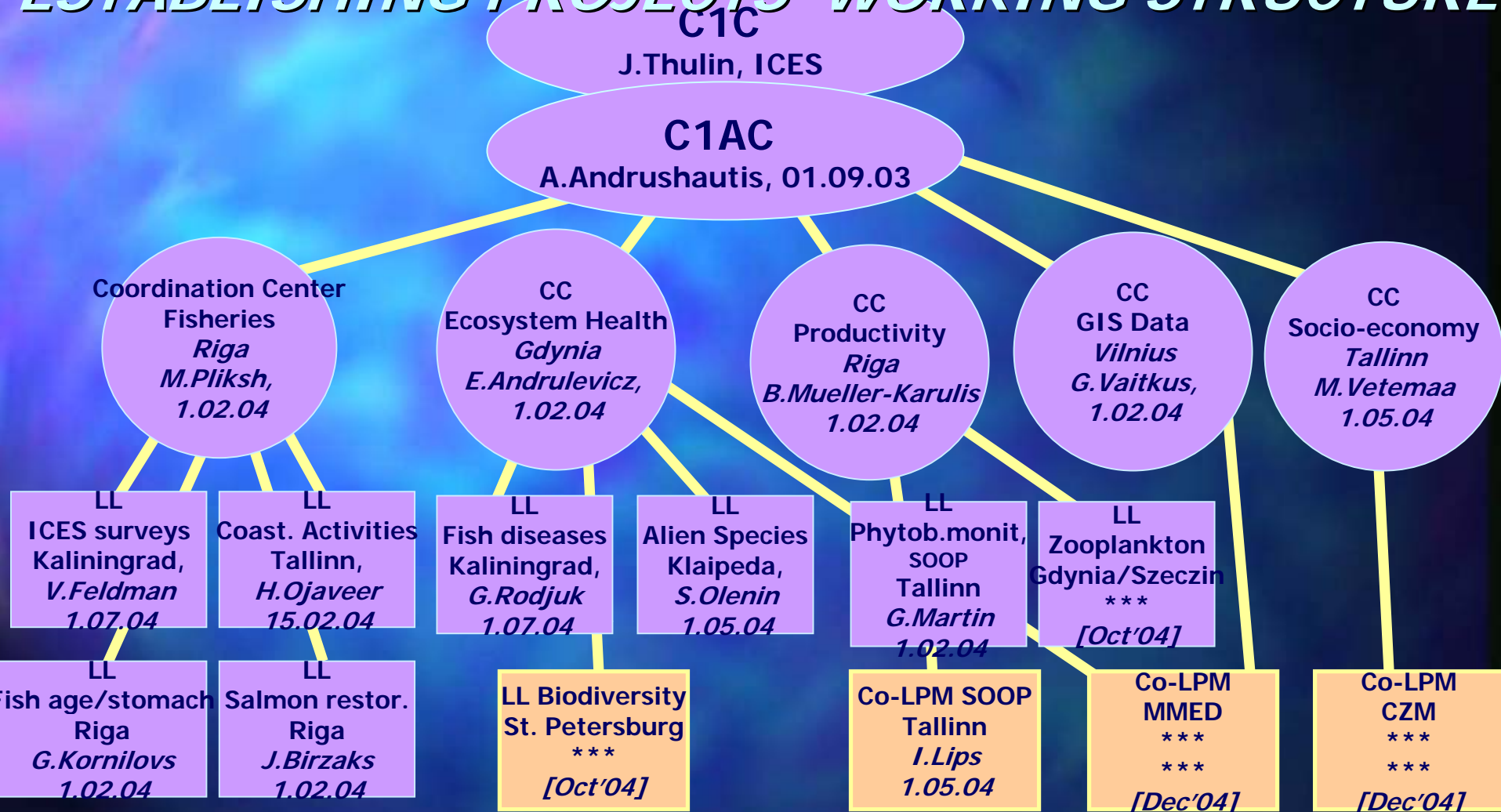
BSRP

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ESTABLISHING PROJECTS' WORKING STRUCTURE





Component activities (major meetings)

- June'04 – Networking meeting between BSRP C1 and C2
- July'04 – October'04 – Planning equipment purchases
- August'04 – First LPM meeting, Riga
- September'04 – First C1 General Meeting, Vigo, Spain
- October'04 – Second meeting of the BSSG



Component activities (major workshops)

- HELCOM MONAS/BSRP workshop on Coastal Fish Monitoring, Mar 2004, Tallinn
- HELCOM/Black Sea Commission workshop on Marine Assessment and Monitoring, Apr 21-22.2004, Istanbul;
- ICES WG on Baltic Salmon & Trout Assessment, Aug 2004, Tartu
- Biotic invasions workshop, Aug 2004, Gdynia
- Workshop on strategic design of phytobenthos, water quality and productivity monitoring in the coastal zone, Sep 6-8.2004, Tallinn.
- SOOP workshop, Sep 11-15.2004, Helsinki



Component activities (major workshops)

- ECOPATH/ECOSYM workshop, Sep 18-22.2004, Riga
- FishFrame workshop/training, Sep 18-22.2004, Riga
- BSRP/ICES SGs....
- Workshop on applicability of US EPA Ecosystem Health indicators, early 2005, place tbd
- Fish Age Reading workshop, Jun 2005, Finland



ICES/BSRP STUDY GROUPS

- SG Productivity (SGPROD)
 - I Oct 2003, Riga;
 - II 2-4 December, Juodkrante, Lithuania
- SG Ecosystem Health (SGEH)
 - I 9-12 Nov 2004, Gdynia;
 - II 2-4 Nov 2004, Vilnius
- SG Baltic Ecosystem Modelling (SGBEM)
 - I 12-14 Jan 2004, Warnemuende;
 - II 14-16 Feb 2005, Gdansk
- SG Fish and Fisheries Issues (SGFFI)
 - I 2-5 Feb 2004, Riga;
 - II 9-13 June 2005, Riga



BSRP C1 Partner institutes in beneficiary countries

- Status of PI agreements
- Partner institute list



Component Partner Institutes

□ Estonia

- Estonian Marine Institute, Uni. Tartu*

□ Latvia

- Institute of Aquatic Ecology, Uni.Latvia*
- Latvian Fisheries Research Institute*



Component Partner Institutes

□ Lithuania

- Coastal Planning and Research Institute, Uni.Klaipeda*
- Institute of Ecology, Uni.Vilnius*
- Fisheries Research Lab., Klaipeda
- Centre of Marine Research, Klaipeda

□ Poland

- Sea Fisheries Institute, Gdynia*
- Maritime Institute, Gdansk
- Institute of Meteorology and Water Management, Gdynia



Component Partner Institutes

□ Russian Federation

- Zoology Institute, RAS*
- Atlantic Institute of Fisheries and Oceanography, Kaliningrad*
- Kaliningrad Centre of Hydrometeorology
- GosNIORH, St.Petersburg



CC PROD: Sample Activities

- Strengthen the role of zooplankton in describing the dynamics of the ecosystem
- Testing ECOPATH modelling tool to describe matter/energy flows in selected coastal areas
- Develop BS productivity indicators
- Pilot study on feasibility of joint fisheries/productivity surveys



LL Phytobenthos: Sample Activities

- Establish phytobenthos monitoring as a routine
- Training of phytobenthos monitoring teams for each of beneficiary countries
- Elaborate strategic design for phytobenthos monitoring
- Test HELCOM phytobenthos guidelines in a designated area in each of beneficiary countries and propose necessary modifications



LL SOOP: Sample Activities

- Establish new SOOP line crossing South-Eastern Baltic
- Assist to elaborate advanced data exchange protocol (collaboration with *alqa@line*)
- Assist to manage Tallinn – Helsinki SOOP line



CC FFI: Sample Activities

- Assist to improve Baltic fish stock assessment
- Assist to refine input data: catch at age, weight at age, total landings of cod. Elaborate ecosystem indicators related to condition of fish populations
- Extend area coverage of BITS and BAD to northern Baltic parts and the coast
- Facilitate national data submission to DATRAS, FishFrame, BAD2 and COBRA data bases



LL Age/Stomach: Sample Activities

- Organize exchange of herring and sprat otholiths to intercalibrate age-reading
- Test use of the otholith weight method to determine age of Eastern Baltic cod
- Collect and review scattered cod stomach analysis data
- Introduce cod stomach sampling during survey cruises



LL Coastal Activities: Sample Activities

- Assist to improve Baltic coastal fish monitoring
- Collect meta-data base on coastal fish monitoring
- Develop cold-water coastal fish monitoring strategy



CC EH : Sample Activities

- Coordinate elaboration of EH indicators and EcoQOs for the Baltic
- Coordinate pilot study on application of MMED in the Baltic
- Develop strategy for Marine habitat mapping in the Baltic
- Assist introduction of Biological Effects monitoring as a routine (BSRP II phase)
- Coordinate the work of Biodiversity and Alien species LLs