

Key challenges for Europe
Fourth European Conference on Research
Infrastructures Hamburg, June 5-6, 2007

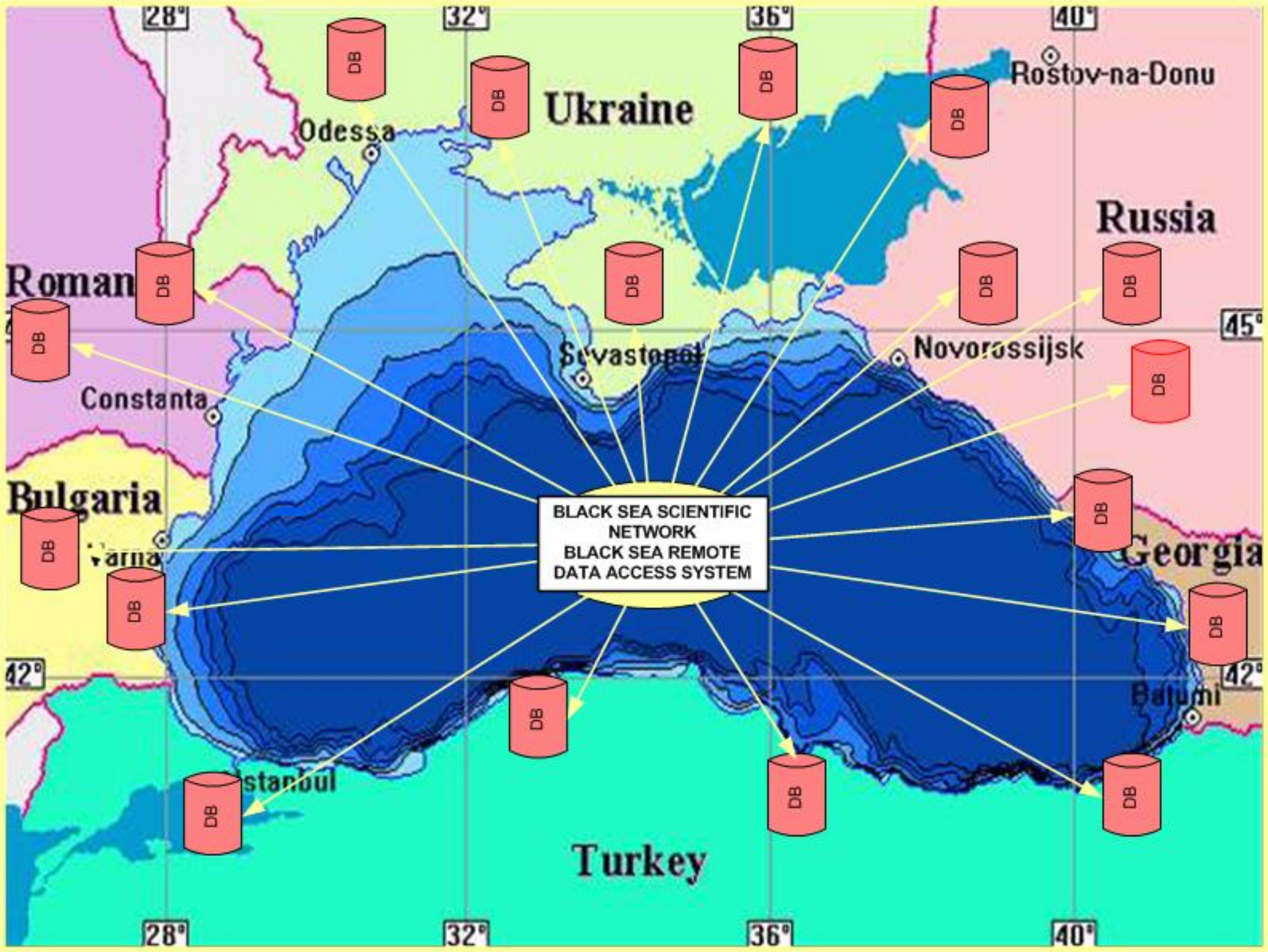
A changing landscape: The special case
of the
neighboring BLACK SEA countries

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6 FP: Structuring the European Research Area Specific Programme

RESEARCH INFRASTRUCTURES ACTION INTEGRATING ACTIVITY implemented as CO-ORDINATION ACTION

- **Black Sea SCENE-Black Sea Scientific Network**
- **Contract no.: RICA-2005-022868/**
- **Start date of contract: 1 December 2005**
- **Ending date of contract: 30 November 2008**



A changing landscape: The special case of the neighboring **BLACK SEA** countries

The Black Sea, the largest anoxic, semi-enclosed basin in the world, and the only one in Europe, with unique hydro-physical and biochemical conditions

The Black Sea region (the Black Sea basin takes a third part of the Europe territory; 17 countries are located on the Black Sea basin, with a total population about 160 millions) requires vigilance and effective environmental management.

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State of the art

Within the Black Sea region:

- Insufficient exchange, coordination and tuning of the scientific knowledge and expertise
- No uniform data quality control procedures and data quality assessments methods.
- Not enough tuning with European directives and guidelines.

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- Rather insufficient awareness and exchange of environmental and socio-economic data: not all Black Sea institutes are participating and/or addressed for Black Sea Environment Programme.
- Poor availability of appropriate and up to date overviews of quality controlled environmental and socio-economic data; rather poor (remote) accessibility of the databases.

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CONTRIBUTION TO IMPROVE STATE OF THE ART

- **ESTABLISHMENT OF** Black Sea Scientific Network: leading environmental and socio-economic research institutes, universities and NGO's from 6 Black Sea countries
- **DEVELOPMENT OF** a virtual data and information infrastructure that will be populated and maintained by these organisations to improve the identification, access, exchange, quality indication and use of their data and information about the Black Sea.

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NETWORK COMPOSITION

- 25 partners from Black Sea countries:
- Ukraine (5), Russia (7), Turkey (3), Romania (2), Bulgaria (4),
- Georgia (4), completed with partners from
- EU member states (6) and Associated State (1).

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NETWORKING ACTIVITIES BLACK SEA SCENE
WILL BE TUNED ON RESULTS SEA-SEARCH
(5FP) AND ACTIVITIES AND DEVELOPMENTS
WITHIN SEADATANET (6FP RI 13)

THEREFORE

BLACK SEA SCENE CAN BE CONSIDERED AS
"SATELLITE" OF SEADATANET



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EU-MEMBER STATES

MARIS The Netherlands (PC)

IBES, Belgium

IMWM, Poland

NIVA, Norway

NITG-TNO The Netherlands

Fieldware, United Kingdom

HNODC-HCMR, Greece

UKRAINE

UkrSCES

MHI

USRIEP

ONU

BULGARIA

IO-BAS

TUV

IFA

BSNN

TURKEY

METU-IMS

OMU-SFF

BSTU

ROMANIA

NI MRD

GeoEcoMar

RUSSIA

IKI-RAS

RIHMI-WDC

MSU

SOI

SBSIO-RAS

SIO-RAS

IL-RAS

GEORGIA

TSU

IG-GAS

DH-G

GCP

RED SeaDataNet PR

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OBJECTIVES BLACK SEA SCENE

- To** determine the present quality of Black Sea datasets (DQC/DQA)
- To** adopt and to implement internationally agreed protocols for cataloguing and exchanging Black Sea datasets

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OBJECTIVES BLACK SEA SCENE

- To** develop and implement a Black Sea virtual data and information infrastructure, including a Black Sea regional portal, to facilitate the access to metadata and distributed datasets (databases)
- To** promote, disseminate, maintain and to plan future exploitation of the Black Sea SCENE virtual data and information infrastructure

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NETWORKING ACTIVITIES

NA1 Management of CA

NA2 Black Sea SCENE Workshops

NA3 Inventory of Data Quality Control (DQC) and Data Quality Assessment (DQA) and Data Quality Assessment on partners data

NA4 Harmonization and conversion of partner's data to internationally agreed meta-data formats and exchange formats

NA5 Development Black Sea virtual data and information infrastructure

NA6 Public awareness, promotion, dissemination and exploitation.

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TUNING BLACK SEA SCENE WITH SEADATANET

NETWORKING ACTIVITY NA3 :Inventory of Data Quality Control (DQC) methods within Black Sea countries and EU and Data Quality Assessment on partners data

To determine the present quality of Black Sea datasets, through inventory of Data Quality Control methods, comparison with EU standards and practices, and Data Quality Assessments at partners

To harmonize future quality of datasets by exploring and adopting common DQC and DQA methods

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NETWORKING ACTIVITY NA 4: Harmonization and conversion of partner's data and information to internationally agreed metadata formats and data exchange formats

- To adopt and implement internationally agreed protocols for cataloguing and exchanging Black Sea datasets
- EDMED – EDMERP – EDMO – CSR – CDI
COMMON DATA INDEX

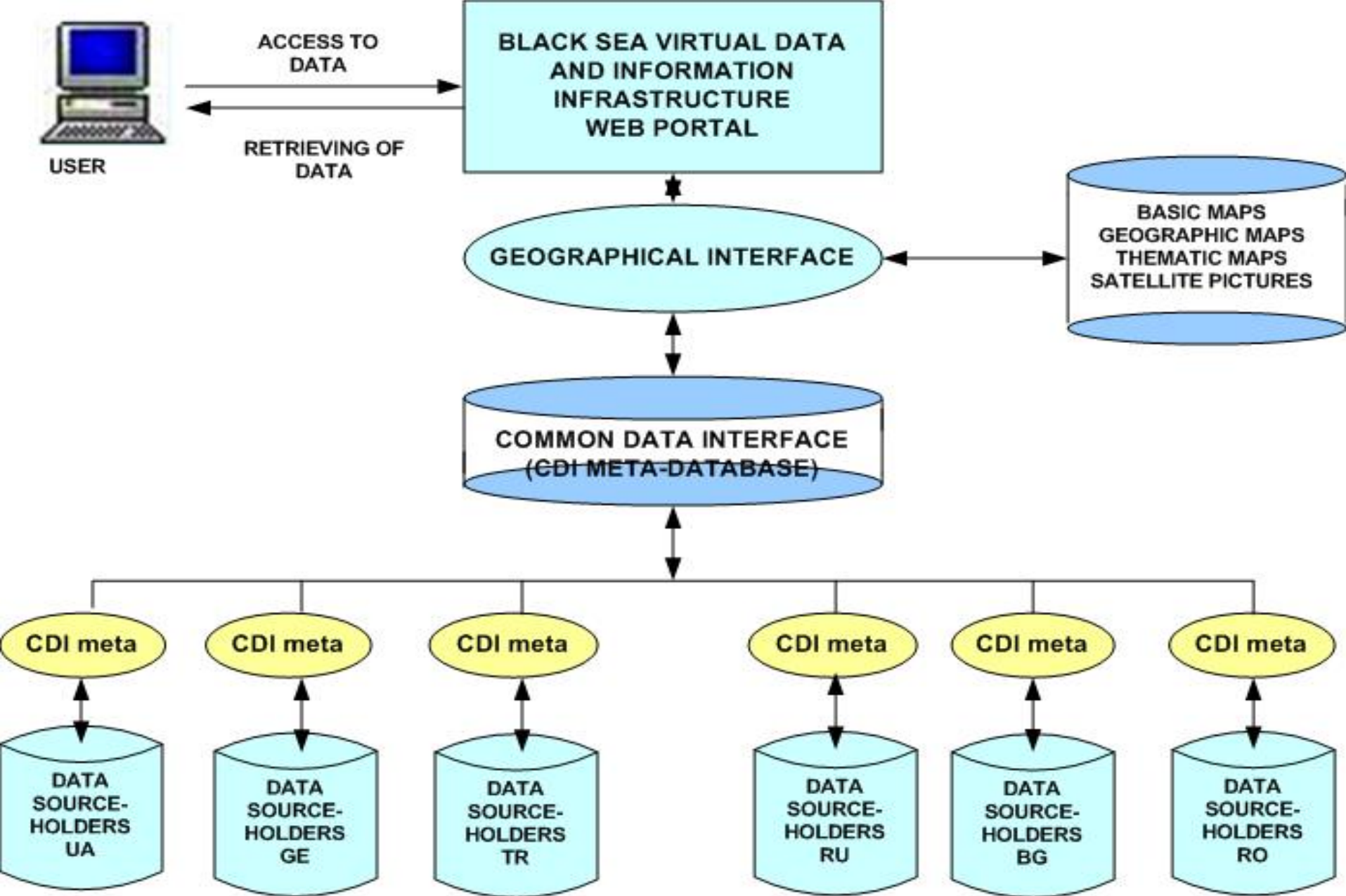
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NETWORKING ACTIVITY NA5:

Development Black Sea virtual data and information infrastructure

- **IMPLEMENTATION OF TECHNICAL INNOVATIONS AND DEVELOPMENTS OF SEA-SEARCH AND SEADATANET**
- **INTEGRATING BLACK SEA SCENE VIRTUAL DATA & INFORMATION INFRASTRUCTURE WITHIN SEADATANET**



CONCEPT BLACK SEA VIRTUAL DATA AND INFORMATION INFRASTRUCTURE

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TUNING BLACK SEA SCENE WITH SEADATANET NETWORKING ACTIVITY NA 6: Public Awareness, Promotion, Dissemination and Exploitation, including Promotion and Dissemination Conference at end 2008

- **TUNING OF PROMOTION, DISSEMINATION AND EXPLOITATION ACTIVITIES**
- **TUNING BSS PROMOTION LEAFLETS AND POSTERS ON SEA-SEARCH/SEADATANET LAYOUT**
- **JOINING/COOPERATION OF PROMOTION AND DISSEMINATION CONFERENCE**

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FUTURE ACTIVITY

**EXTENSION OF BLACK SEA SCIENTIFIC NETWORK WITH
4 PARTNERS PER BLACK SEA COUNTRY**

24 EXTENSION PARTNERS ARE ALREADY APPROACHED AND WILLING TO JOIN

WAITING FOR SUITABLE RI CALL