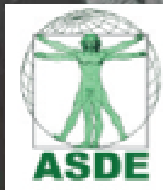


A REGIONAL CENTER FOR RISK MANAGEMENT

**Putting together resources for better knowledge,
data and infrastructure towards monitoring the
environment and security**



GMES Operational Capacity Workshop
25-26 March 2010
Sofia, Bulgaria



The context - GMES

- contribution towards increased safety, better operations management in the case of disasters, more effective border security on Europe's external frontiers and improved warning systems
 - EO and in-situ data, already defined core services, and many other sources of data and information (archive and new), infrastructures for providing such information (too many networks and portals), etc.
 - Very close to the operational phase; huge amount of resources already invested with no results
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Rationale

- coordination and effective use of the opportunities offered by GMES will be not enough in the near future
 - weak and ineffective use of the huge amount of existing new and archive data
 - lack of approaches dealing with regional aspects of risk management
 - lack of unified approach and policies toward provision of adequate environmental solutions in cross-border regions
 - too many different methodologies and approaches towards environmental management and monitoring, hazards and industrial risks, climate change which led to difficulties in analyzing, making comparisons and making decisions
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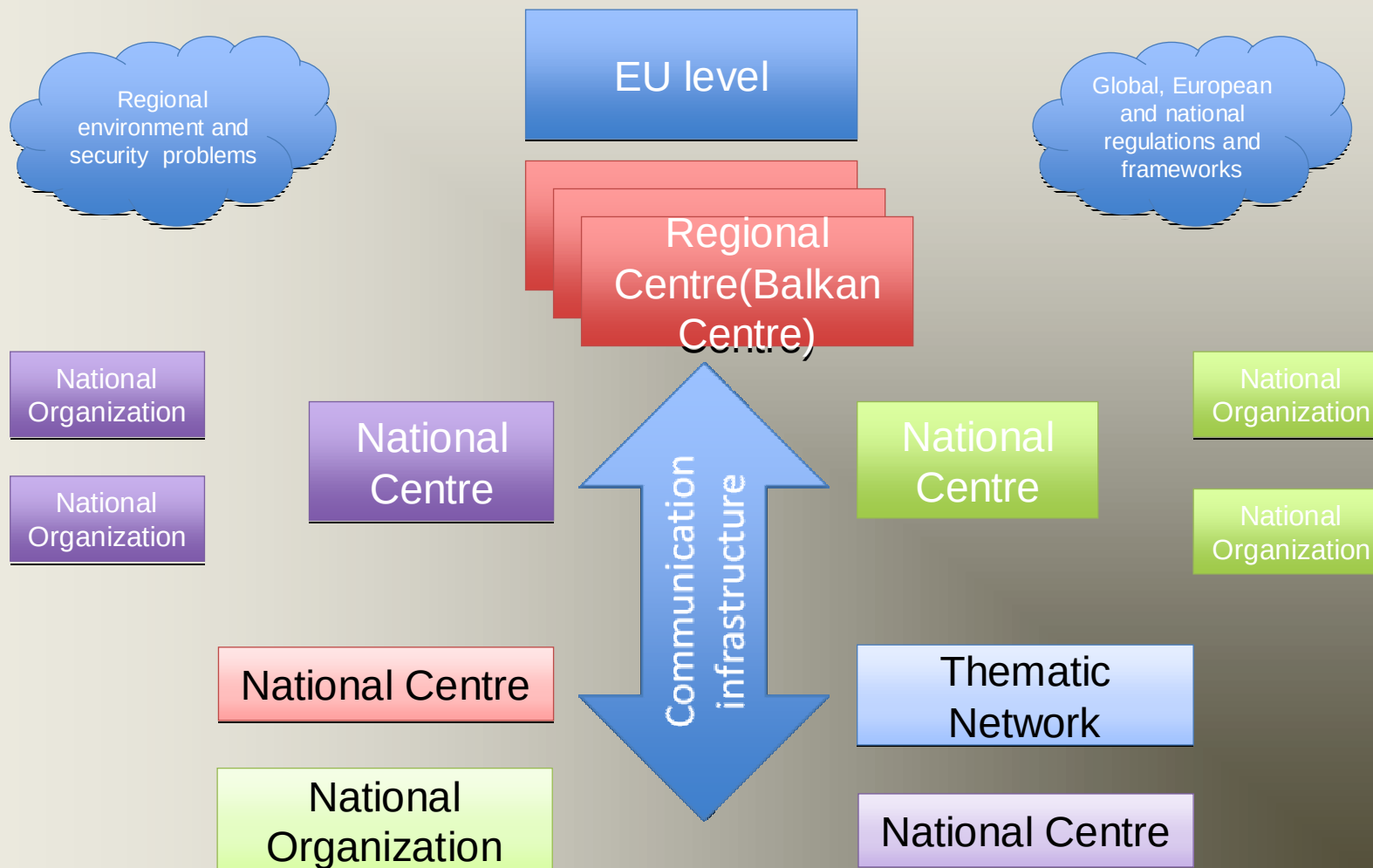
Our proposal

- decentralised network of regional centres with centralised and decentralised management
 - first step to realise a pilot Balkans' centre as a node of the future network of centres with a single purpose (at the first phase) – management of the risk of natural hazards and industrial accidents
 - Coordination of in-situ activities and better use of the EO data to be produced by the GMES space component
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Our proposal

- The Balkan region: between Europe and Asia, historical and cultural richness
 - Disaster management aims to reduce, or avoid the potential losses from hazards, assure prompt and appropriate assistance to victims of disaster, and achieve rapid and effective recovery
 - Appropriate actions at all points in the management cycle lead to greater preparedness, better warnings, reduced vulnerability or the prevention of disasters during the next iteration of the cycle
 - Financing: EU and countries (?)
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Our proposal



Possible use

- Establish a national, regional, European and international legislation, procedures, models, etc., and to monitor their implementation
 - Coordinate of research and development activities, prioritizing and subordinated, as well as verification of their applications, avoiding duplication, joint elaborations
 - Exchange of data / information i.e. have access to comprehensive and accurate information
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Possible use

- Develop common reference systems and models allowing harmonized base mapping (in particular, fast-track mapping);
 - Initiate and maintain series of common capacity building activities, information dissemination and sharing of good/best practices;
 - Provide a common “voice” in relation with other regional centres or European coordination bodies
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Way forward

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- Coordination at regional and EU level through a central bureau and roundtable participation;
 - Innovative proposals, pilot projects, tests, testing, deployment, and foresight;
 - Unite and strengthened, the regional operational potential for EO services, using the best European practice and know-how, respecting the EU directives, regulations and requirements
 - Resources: EU, National
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Way forward

- Operations - services, monitoring, preventive actions, simulations, assistance in implementation of EU initiatives (e.g. INSPIRE);
 - Training of related structures and increase their effective interaction - providing the conditions (rooms, technology, know-how, supporting events (publicity), etc.)
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Who

- ASDE Ecoregions: non-governmental organization; activities of ASDE are realized with governmental, municipal and public support with the aim to foster the sustainable development of Bulgaria
 - ROSA: independent public institution under the coordination of the Romanian Ministry of Education and Research; national coordinator of R&D programs and projects related to space and space technology; government representative in the international space cooperation
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Contact

Ivan Philipov

ASDE Bulgaria, ivan_filipov@mail.bg

Ion Nedelcu

ROSA Romania, ion.nedelcu@rosa.ro