



ORIENTGATE basic information.

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Belgrade

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Outline:

- RHMSS (WP3 leader) basic information
- Orientgate Project Overview



RHMSS background



1848 - Regular meteorological measuring started in Belgrade

1856 - Well organized network of meteorological networks became operative in 20 towns in Serbia

1887 - Establishment of the Meteorological Observatory Belgrade

1888 - Foundation of the National meteorological service of the Kingdom of Serbia

1947 - The Republic Hydrometeorological Service of Serbia succeeded the NMHS of Serbia



Organizational structure of RHMSS

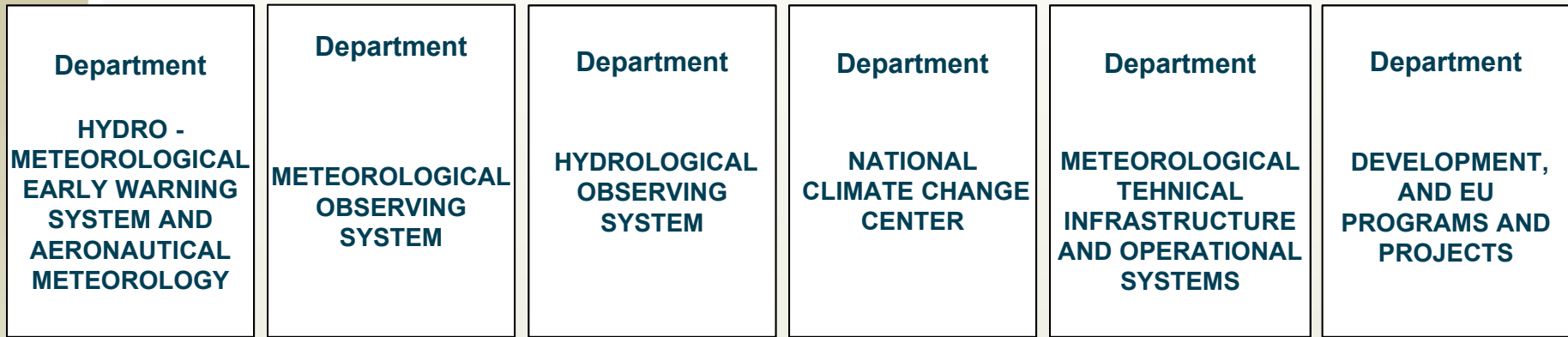
RHMSS

Division for International cooperation, public relations and coordination of sectors activity

Division for legal, inspection and general affairs

Division for financial affairs and accounting

Group for internal control



Center HMEWS
Novi Sad

Center HMEWS
Nis

Center HMEWS
Kraljevo

Education	Number	%
University degree – meteorologist, hydrologists	178	36.78
University degree – others	31	6.40
College degree – meteorologist, hydrologists	7	1.45
College degree – others	7	1.45
Secondary Scholl – meteorologist, hydrologists	215	44.42
Secondary Scholl – others	30	6.20
Highly qualified workers, qualified workers, unqualified workers	16	3.30
Total	484	100





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Background

- *Many countries in SEE are affected by CC issues and risks*
- *The knowledge on climate is available, but hardly accessible*
- *Developments in adaption are difficult and inhomogeneous*

Aims

- *Develop a comprehensive and consistent methodology for assessing the risks due to climate change and variability*
- *Harmonize the risk assessment and communication*
- *Foster produced climate adaptation knowledge and experiences in the territorial planning and development*



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Taking action

- Collect climate knowledge
- Developing climate-based methodologies and indicators across SEE pilot studies for climate risk assessment
- Carrying seminars and workshops
- Producing a web-based data distribution platform



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Developing thematic methodologies

- Set up of three Thematic Centers which will conduct 6 specific climate based pilot studies:
 - TC1 **Forest and Agriculture**
 - 2 pilots on adapted forest management in Austria and adaptation measures in Romanian agriculture;
 - TC2 **Drought, water, coasts**
 - 3 pilots on water regime and coastal vulnerability in Puglia region (Italy), on wetland ecosystem in Attica (Greece), on hydroelectric use of water resources in Trento province (Italy);
 - TC3 **Urban adaptation and health**
 - a pilot study on public health vulnerability and adaptation for urban policy planning at Budapest and Veszprem



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Outcomes

The 6 pilot studies will demonstrate the benefits of climate data and indicators that are harmonised across the region for designing specific climate adaptation policies and measures.

- Monitoring (Historical assessment and Future projections)
- Vulnerability and Risk analysis
- Adaptation strategies
- Climate data and Climate analysis dissemination
- Transfer of lessons learned into policies and planning



WP3: Mapping and harmonizing data and downscaling

WP3.1 - Review of the currently used indicators of climate risks

- *Checking status quo and best practices while gathering information and creating the indicators map*

WP3.2 - Proposal for the cross-harmonized set of indicators and guidance documents for their calculation and potential use

- *Developing a set of indicators, statistical analysis, guidance documents to be used in the 6 pilot areas of the OG project*

WP3.3 - Revised set of indicators and update of relevant subregional

- *Gathering and reviewing information from 6 pilot studies*

WP3.4 - Development of downscaling scenarios

- *Gathering data and production of different downscaled scenarios. CMCC and RHMSS*

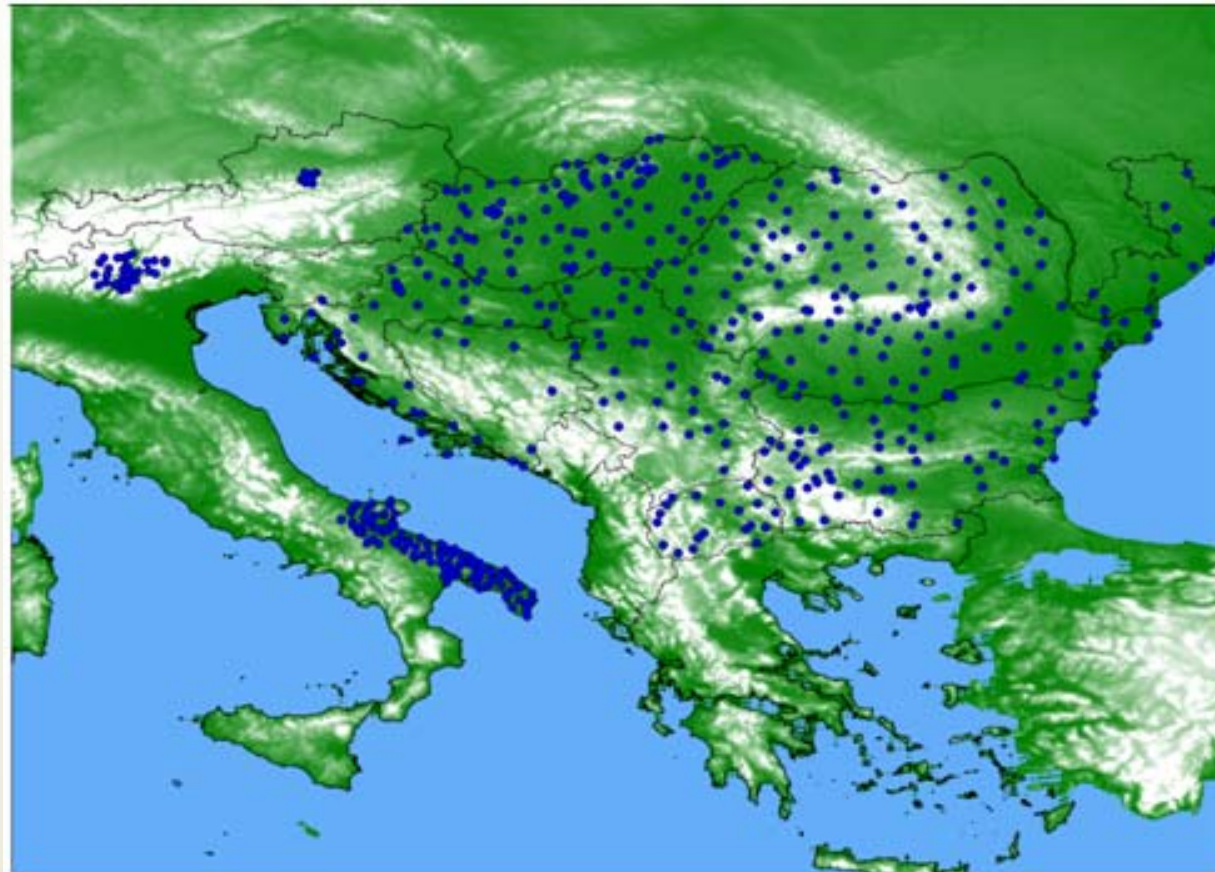
WP3.5 - Organization of training/workshop



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Collect climate knowledge



Spatial distribution of all the meteorological stations from the Project partners

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Develop climate knowledge

- Maps of indices based on T & P amount (ETCCDI & not)
- Maps of indices based on (also) other parameters



	PPs that calculate: HCI, FFWI
	PPs that calculate: THI, SYC, PET, PSMD, KBDI
	PPs that calculate: Days with: fog, hail, lightning, strong wind
	PPs that calculate: PhET, UTCI
	PPs that calculate: FFWI
	PPs that do not calculate stated indices
	Participating PPs with pilot areas / Observing PPs
	Not participating in the project

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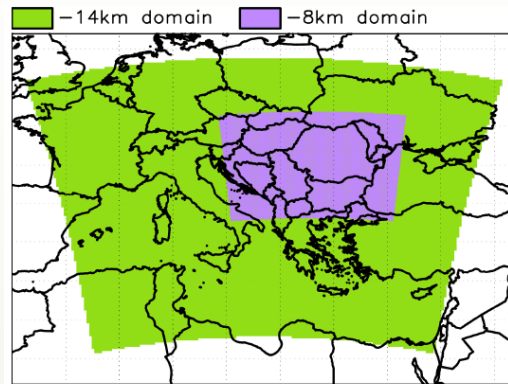


Figure 1.1 Model domains

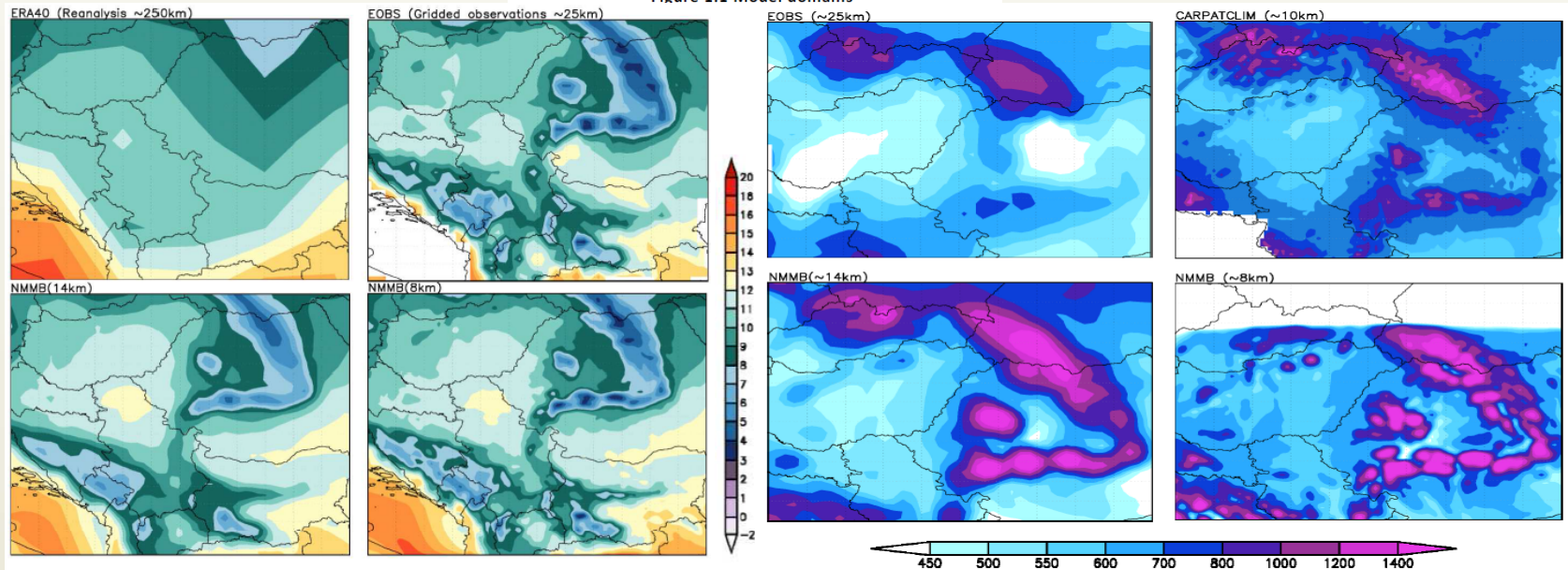


Figure 4.1 Average annual mean temperature (°C) for the period 1971-2000

Figure 5.1 Average annual precipitation amount (mm/year) for period 1971-2000



Thanks!!!!