



REPUBLIC OF SLOVENIA
MINISTRY OF THE ENVIRONMENT AND SPATIAL PLANNING

**Permanent Mission of the Dominican Republic to the UN Office in Geneva
UNECE Water Convention Secretariat**

**Frequently asked questions on the 1992 Water Convention:
Exploring Possibilities with the Latin American and the Caribbean Countries**

Dr. Aleš Bizjak

**Climate resilient transboundary integrated water resources management:
Role of the Water Convention – case study Slovenia**

**Republic of Slovenia
Ministry of the Environment and Spatial Planning**

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Climate change and water cycle – a challenge for 21st century

CLIMATE CHANGE EFFECTS ON WATER CIRCLE

- floods (DE, BE, 2021)
- droughts (CZ, AT, 2020)
- (heat waves) (RU, 2021)
- decreased water quality

WATER CRISIS

- too much water
- not enough water
- not of an adequate water quality

CLIMATE CHANGE ADAPTATION - A NEW SWMI IN (TRANSBOUNDARY) RBM PLANNING

- point sources of pollution (point)
- dispersed sources of pollution (non-point)
- hydromorphological alterations
- biological pressures

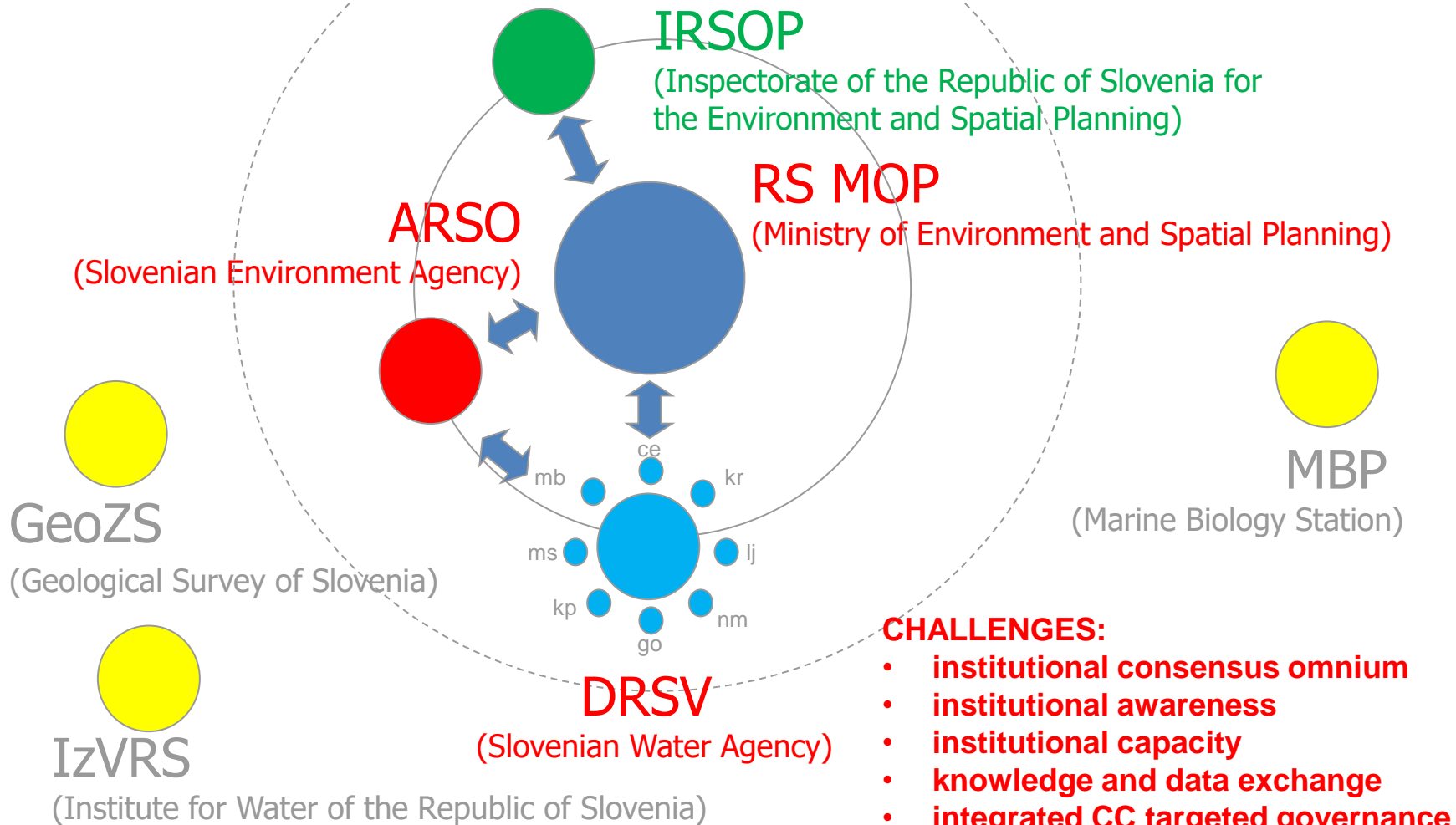
- climate change

OUTLOOK – CLIMATE CHANGE IS A:

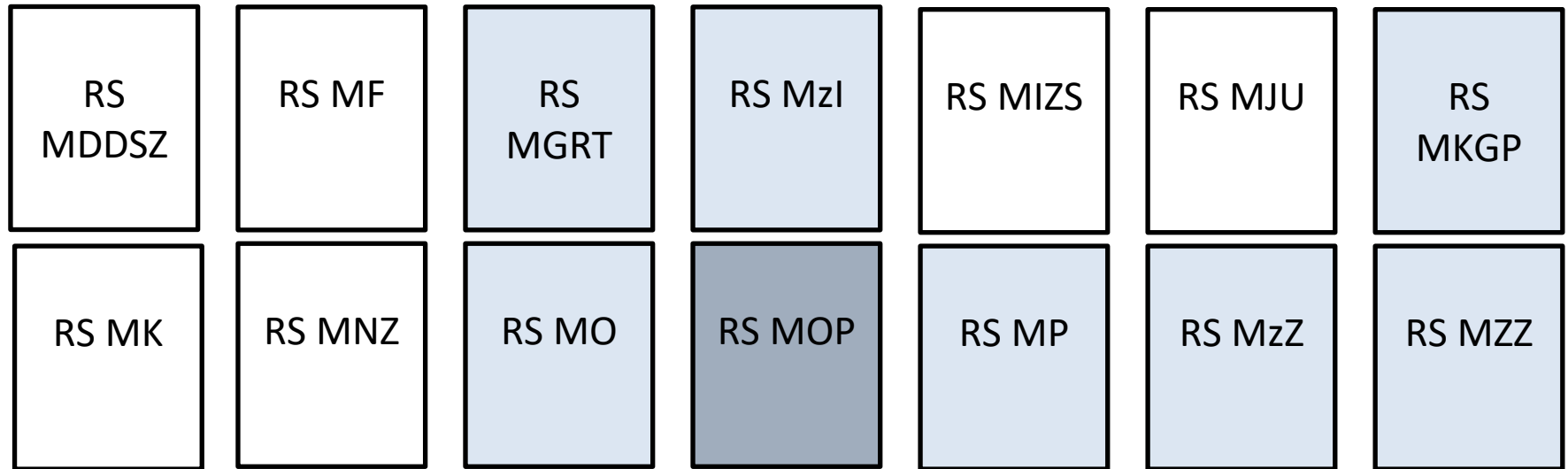
- **global phenomena – no safe place on Earth**
- **threat to environment, economy, human safety, peace and stability**
- **cross-sectoral and transboundary issue**
- **planning category with levels spanned from local to transnational**
- **combination of top-down and bottom-up approaches is needed**



Transboundary IWRM arrangements, case study Slovenia – ENV sector



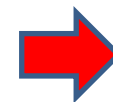
Transboundary IWRM arrangements, case study Slovenia – involved sectors



CHALLENGES:

- cross-sectoral consensus omnium
- cross-sectoral awareness
- cross-sectoral institutional capacity
- knowledge and data exchange
- integrated governance

River Basin Management Plan
 Flood Risk Management Plan
 Drought Management Plan



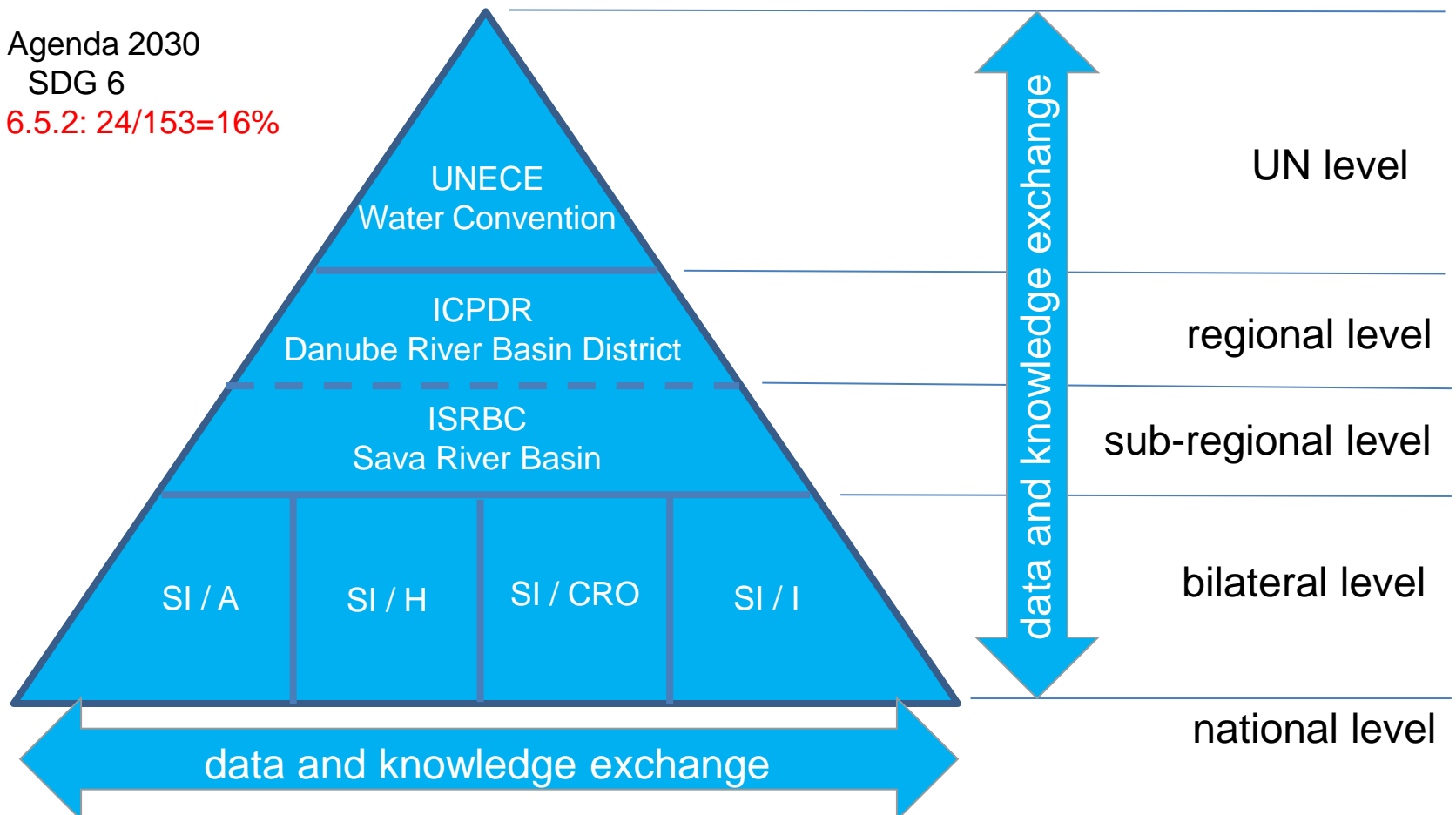
transboundary dialogue and cooperation



Transboundary IWRM arrangements, case study Slovenia – international agreements for inland waters (rivers, lakes, groundwaters)

UN Agenda 2030
SDG 6

Indicator 6.5.2: $24/153=16\%$

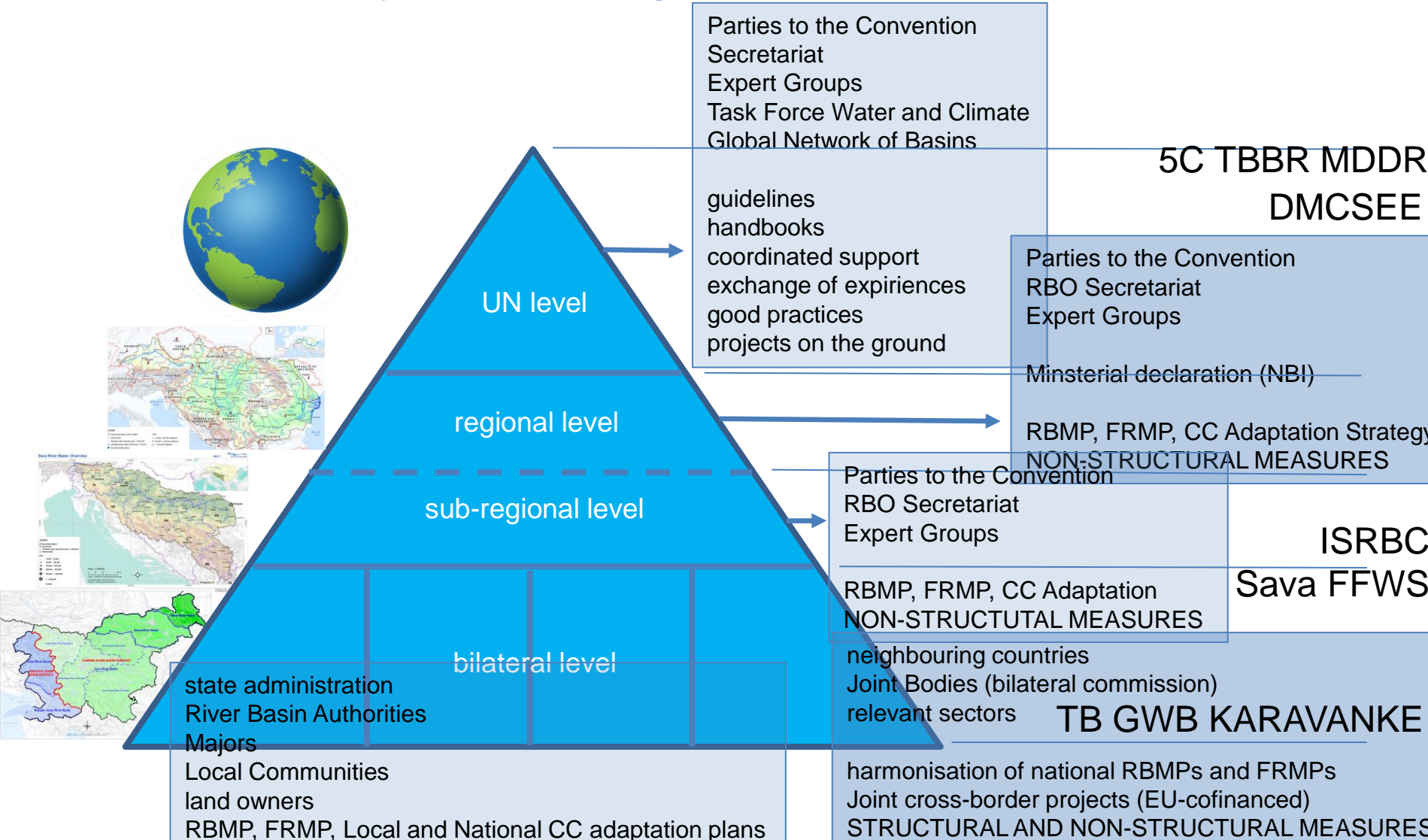


INTERNATIONAL AND BILATERAL AGREEMENTS – TRANSBOUNDARY LEVELS



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Transboundary IWRM planning – participation and activities





Good practices – transboundary climate change adaptation should be:

- legally framed and formatted,
- participatory based,
- cross sectoral and transboundary understood, recognised and applied,
- systematically planned on national, bilateral, sub-regional, regional IWRM levels,
- bilaterally or transboundary agreed by official joint bodies and RBOs,
- assisted, advised and supported by UNECE Water Convention
- performed by combined approach bottom up and top down,
- science proved, knowledge and data exchange based,
- oriented towards green infrastructure and ecosystem based combinations of structural and non-structural measures,
- financially supported by public, private or blended sources.



Ergo:

Cross-border cooperation is necessary in all phases of the climate change adaptation.

AND

Climate change adaptation must be a part of all levels of (climate resilient) water planning, from local to global.



Readings

- DE BMU, PT AAC, SI MOP (2020). Climate Change and the European water dimension – Enhancing resilience.
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- UNECE, INBO (2015). Water and Climate Change Adaptation in Transboundary Basins.
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- UN Water (2020). Water and Climate Change. The UN World Water Development Report 2020.
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Thank you for your attention!

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