



## RésEAU Webinars – 2018

### Webinar 1:

# The costs of inaction: how to make the case for reform

April 23<sup>rd</sup>, 2018

The Regional Environmental Centre for Central Asia



# Cost of Inaction Study in Central Asia: context and perspectives

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The Regional Environmental Centre for Central Asia (CAREC)

# Environment and Water in Central Asia

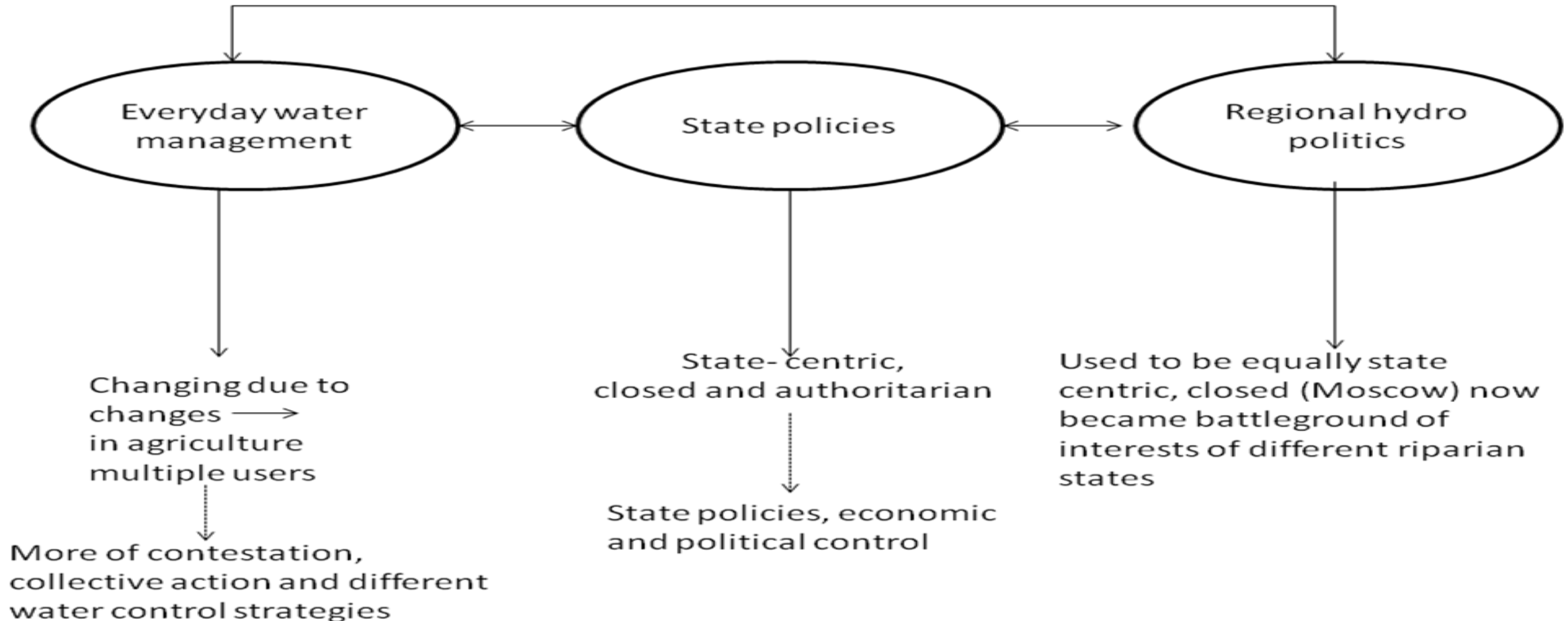
- **Environmental consequences** of water resources (mis)-management
- **Transboundary/Contested Nature** of WRM of major rivers
- 60 million people (90 million in 2050)- **demographic pressure**
- Growing economy- total GDP around \$400 billion+ \$2-3 billion annual growth - **economic pressure**
- Resource intensive- high footprint **development mode**
- Outdated infrastructure, institutes and policies- **path dependency**

# Environment and Water in Central Asia

- Serious consequences of climate change- **new challenge:**
  - Reduction of Water Flow Potentially 20-30% in 2050
  - Increase in Water Demand by 40% due to climate and demography by 2030
- Increasing **inter-sectoral and inter-state competition** for the water:
  - Irrigation vs. energy (winter vs. summer)
  - environmental needs vs. economic growth
  - Reduction of per capita water availability, withdrawals and use

# Regional Water Cooperation: transformations

From fully state dominated water management to multiple dynamic systems

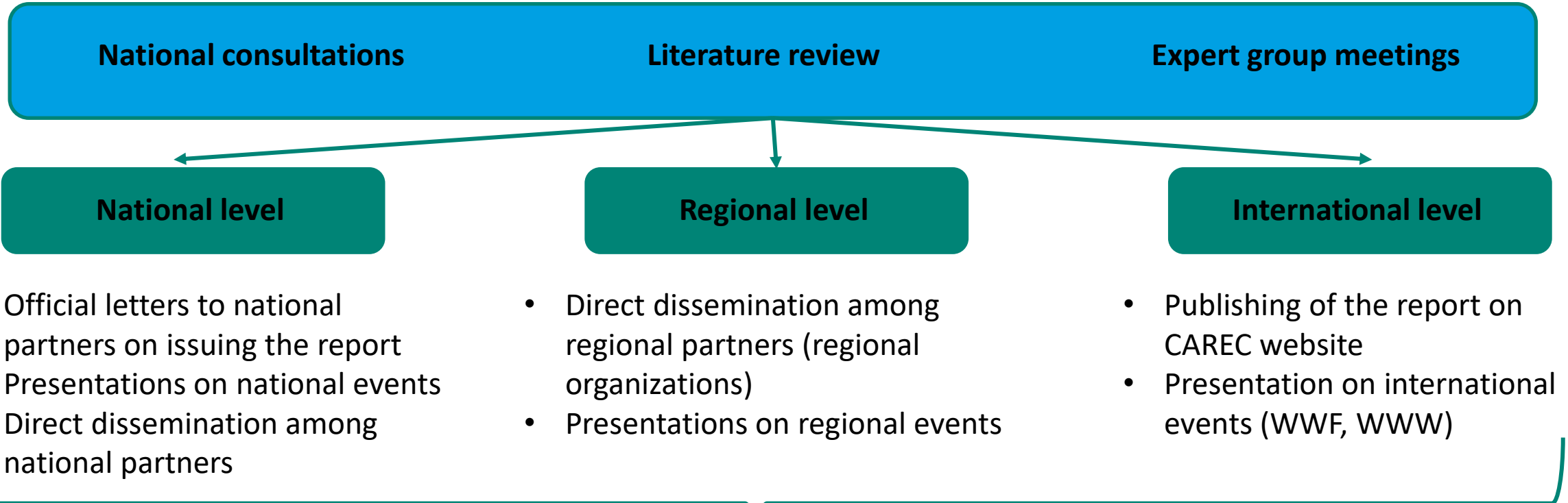


# Regional Water Cooperation: status

- Regional Water **cooperation pre-requisite** for sustainable development:
  - Economic **cost of none-cooperation** 4.5 billion USD (Adelphi and CAREC.2017)
  - Without comprehensive, holistic and systematic water cooperation region may face **serious and fierce water competition**
  - **De- centralized and basin-wide agreements** and solutions are long-lasting approach

# Development, dissemination and feedbacks on Cost of Inaction Report

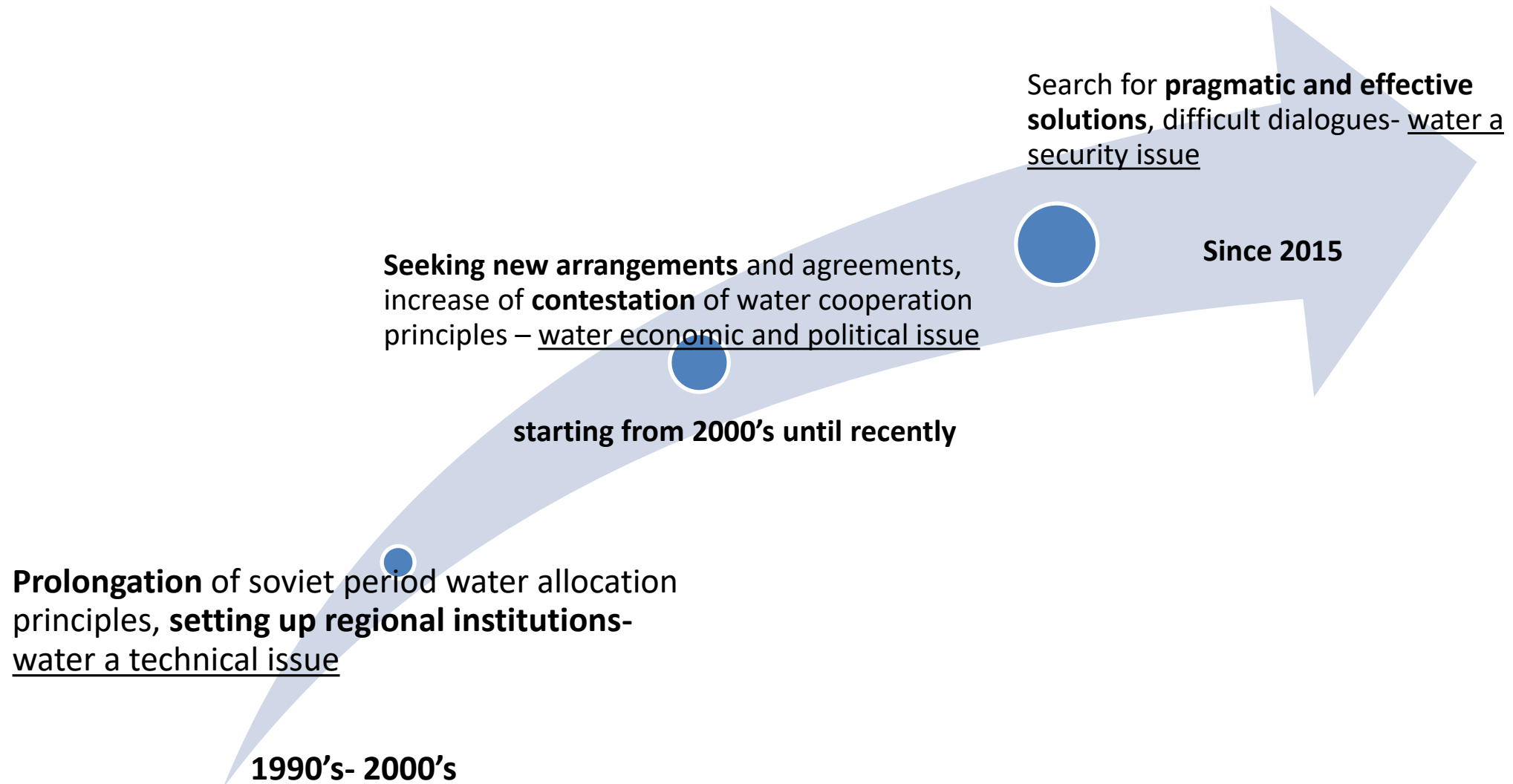
Survey  
Dissemination  
Feedbacks



Series of dialogues with partners on feedbacks:

1. SIC ICWC (approach, definitions, calculations issues)
2. Academia representatives at Civil Society Forum held in Dushanbe in the framework of preparatory activities for the 8th World Water Forum (14-15 Feb 18, Dushanbe, Tajikistan) provided feedback on context.

# Regional Water Cooperation: History and Trends





# Regional Water Cooperation: Opportunities and Challenges

- How to share **benefits of water** vs. volumes
- **Institutional solutions** to the “everyday water problems”
- Water as part of the economic and social transformation: “**out of water box**” approach
- **Role of infrastructure**: state and rehabilitation, new and old, allocation and monitoring
- **Planning and strategy setting**: long-short term planning, operational aspects, water strategies and visions
- **New uses** of water and “new water” (re-use, salt-drought tolerant, productivity)
- Climate change **impact** on water management and governance

**THANK YOU**  
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