



This project is funded by the European Union, implemented by CAREC in cooperation with IUCN, supported by EC IFAS
Проект финансируется Европейским Союзом, реализуется РЭЦЦА в сотрудничестве с МСОП при поддержке ИН МФСА

FOSTERING WATER, ENERGY AND FOOD SECURITY NEXUS DIALOGUE IN CENTRAL ASIA

ПРОДВИЖЕНИЕ ВОПРОСОВ ВЗАИМОСВЯЗИ ВОДНОЙ, ЭНЕРГЕТИЧЕСКОЙ И ПРОДОВОЛЬСТВЕННОЙ БЕЗОПАСНОСТИ В ЦЕНТРАЛЬНОЙ АЗИИ

#NexusCentralAsia

Six EU-CA High Level Conference on Environment and Water Cooperation,
24-25 January 2019, Tashkent

Людмила Киктенко, менеджер проекта

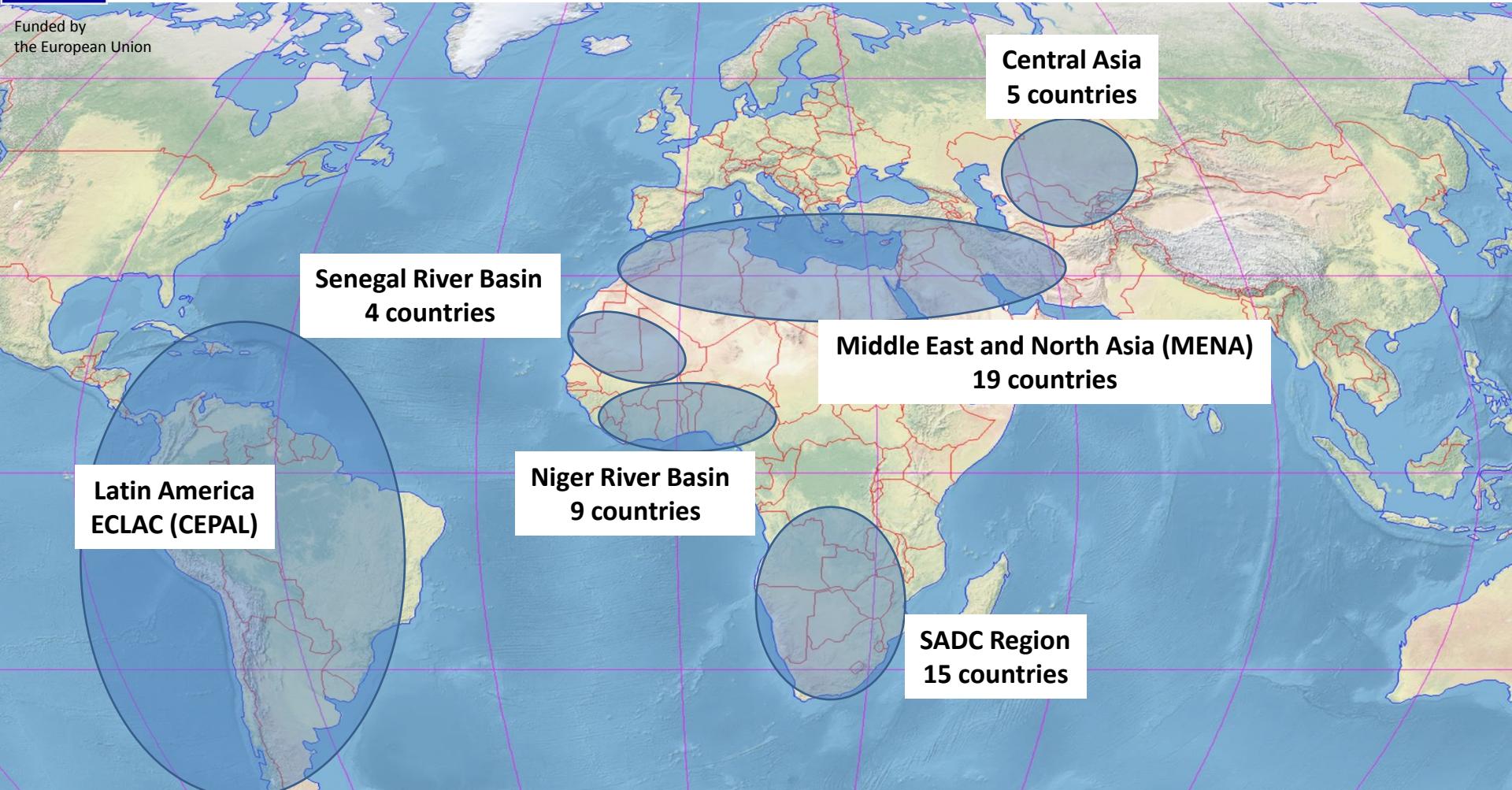


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Global Nexus Dialogues Programme

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Nexus Dialogue in Central Asia, first phase Dec.2016 – Dec.2019

Purpose: To create a multi-sectoral enabling environment to facilitate sustainable investments for increased water, energy, food security and ecosystems in Central Asia

Total budget : €1.52 mil . EU grant: €1.3 mil. CAREC co-funding: €220 K

Implementers : CAREC – coordinator; IUCN – international expertise

Regional partners: EC IFAS, BWO «Amudaria», BWO «Surdaria»

National partners: Ministry of energy and water resources, of economy, agriculture and environment



3 РКК, 12 октября 2018, Астана, Казахстан



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Main activities



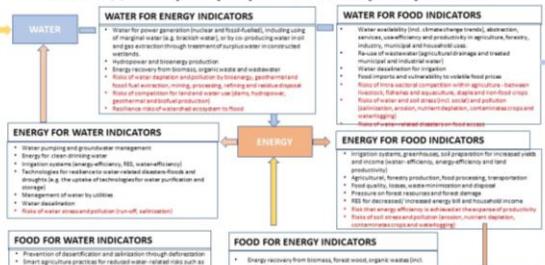
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Expertise and potential development for multisectoral investment planning

Методология отбора инвестиционных проектов



ВЭП Индикаторы: разработка и апробирование



Expert reports, reviews and publications



<http://carecoco.org/en/projects/tsentralno-aziatskiy-dialog-po-ispolzovaniyu-vozmozhnostey-mnogosektornogo-finansirovaniya-na-potem-u/>

<https://www.water-energy-food.org/news/2017-06-23-regional-nexus-dialogue-central-asia-first-national-nexus-consultations-in-kazakhstan/>

<https://www.facebook.com/nexusresourceplatform/>, <https://www.facebook.com/carecoco/>



Regional seminar
Astana, 08.10.18



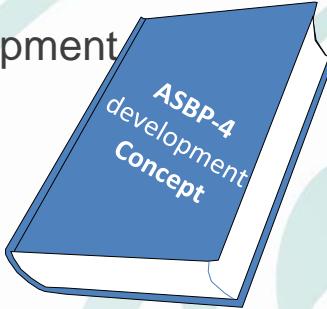
Seminar for BWO "Amudaria", 28-29.11.18



Development of ASBP-4 and REAP

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- ✓ Nexus approach to ASBP-4 development concept
- ✓ national and regional working meetings (13)
- ✓ national experts (17)
- ✓ regional expert group
- ✓ review of implementation of reg.projects in ASBP-3
- ✓ Total Project portfolio = 28
- ✓ **8 ideas of regional multisectoral investment projects**





Ideas of regional investment projects

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	Project name	Developers	Nexus
IWRM	1. Improving the management of water resources in the Amudarya river basin through the modernization and rehabilitation of water facilities, as well as the improvement of the intergovernmental regulatory framework	BWO «Amudaria»	WEF
	2. Modernization and implementation of an automated water management system and sustainable operation of hydraulic facilities of interstate importance in the Syrdarya river basin	BWO «Syrdaria»	
	3. Improvement of ameliorative condition of irrigated lands in the basins of the Amudarya and Syrdarya rivers through the improvement of the technical condition of irrigation and collector-drainage networks (DPT)	n/a	
	4. Reconstruction of dams and other hydraulic structures in the Aral Sea basin	BWO «Syrdaria»	
Environment	5. Rehabilitation of ecosystems of the Aral Sea basin. The project will be implemented on the dried bottom of the Aral Sea	IFAS Branch Kaz IFAS Branch Uz SIC ICSD Tkm	WEFE
	6. Integrated disaster risk management in the Aral Sea Basin		
Socio-economic	7. Ensuring sustainable water and energy supply in rural areas of Central Asia	НИЦ МКУР ТКМ	WEF
	8. Ensuring sustainable water and energy supply in rural areas of Central Asia	ИД МФСА РК	



Regional dialogues

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Regional working group on ASBP-4



Working group of partners for REAP updating



Regional dialogues, 2



1 RSC, 13 March 2018, Tashkent



3 RSC, 12 Oct. 2018, Astana



2 RSC, 7 June 2018, Tashkent

CALP-2017, 2018



Coordination meeting of Global Nexus Programme, Feb. 2018

CACCC 2018

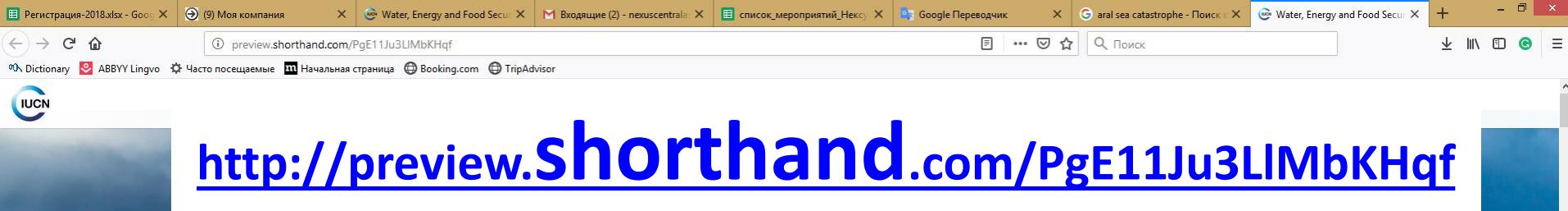


HLC "Water for SD", 21-22 June, 2018 Dushanbe



Pilot projects to test the application of WEF Nexus approach

Kazakhstan	CWR: Application of the computer model WHAT-IF (OECD) for the economic evaluation of the project to restore the Aral Sea Day (RK) Ministry of Agriculture: conceptualization of the idea for creating a Water and Energy Consortium
Tajikistan	MEWR: Preparation of a manual on the rules for the use of dams
Turkmenistan	SIC ICSD: Sardob reconstruction (traditional construction of water saving in the desert for the needs of animal husbandry in Turkmenistan)



<http://preview.shorthand.com/PgE11Ju3LIMbKHqf>

Water, Energy and Food Security

Fostering a Nexus Dialogue in Central Asia

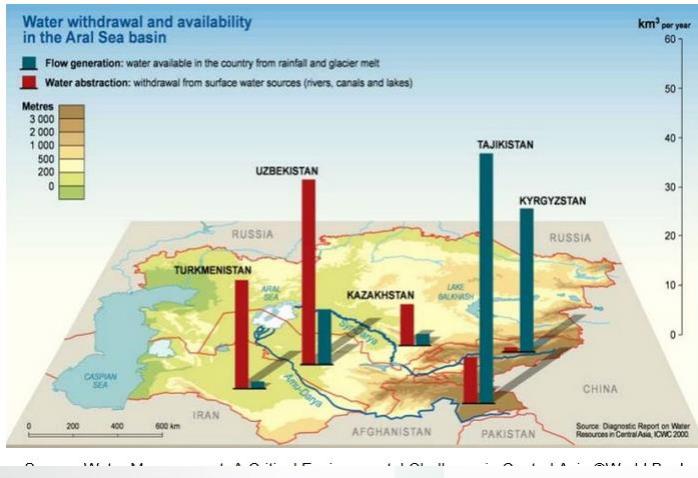
By IUCN & CAREC



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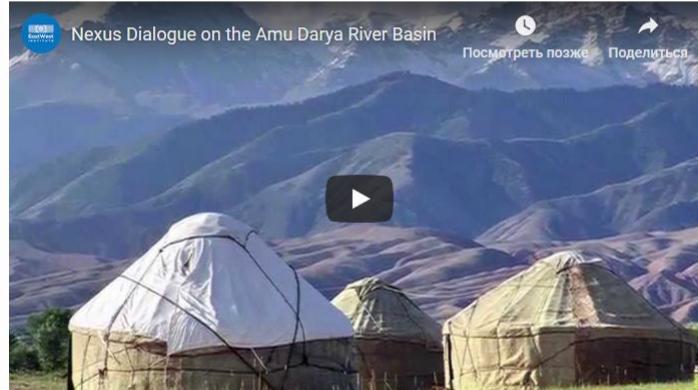


As part of a regional programme, the [EU](#)-funded project is implemented by the [Regional Environmental Centre for Central Asia \(CAREC\)](#) in partnership with the International Union for Conservation of Nature ([IUCN](#)) and supported by the [Executive Committee of the International Fund for Saving the Aral Sea \(EC IFAS\)](#).

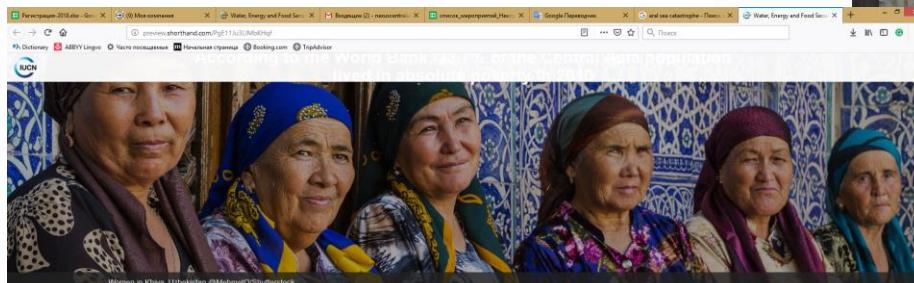


Applying the 'nexus' allows for mutually beneficial responses that are based on an understanding of synergies between water, energy and agricultural policies. It also provides an informed and transparent framework for determining trade-offs and feedback loops that maintain the integrity and sustainability of ecosystems.

See story: [Building partnerships for water, energy and food security in Central Asia](#)



Video from a Central Asia Nexus Dialogue workshop which looked at natural resource issues in the Amu Darya river basin in Central Asia ©IUCN and East West Institute



Yurts in the Kazakhstan Mountains, Almaty. Shutterstock/Alamy

Action Plan for 2019



- ✓ 5 invest project ideas in ASBP-4
- ✓ 1-2 pilot projects for Nexus 2

2 policy briefs

2 training modules

4 RSC, June

Study tour and seminar,
11 – 19 May

WEF Nexus at academic network
meeting, back-to-back CACCC

Pilot projects Implementation
January – July

ASBP-4 meetings

FINAL CONFERENCE,
November



Thank you for attention!

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