

Assessment of Assessments on Air, Climate Change, Biodiversity and Waste in Kazakhstan and Kyrgyzstan

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This Assessment of Assessments (AoA) is a contribution to the Efe Mid-term Review within efforts toward SEIS by the EEA, UNECE and their partners. It is commissioned by UNECE to assess the state of play in the environmental reporting, indicators and statistics on Biodiversity, Air, Climate Change and Wastes in selected EECCA countries, inviting CAREC and REC Moldova to implement the activity in use of the Astana European Assessment of Assessments' Methodology and relevant web tools and facilities at the EEA EE-AoA web-portal. CAREC developed it in cooperation with the Ministry of Environmental Protection (MoEP) of Kazakhstan and the State Agency on Environmental Protection and Forestry (SAEPF) of Kyrgyzstan and with substantial contributions of the group of national experts from two countries. The Government of Switzerland has granted funds to CAREC to develop this AoA.

**Commitment
by Central
Asia toward
SEIS**

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LIST OF AUTHORS AND CONTRIBUTORS

Executive Summary

Author	Talaibek Makeev (MONECA sub-regional expert (EU FLERMONECA project in Central Asia), Austrian Environmental Agency
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1. Introduction

Author(s)	Talaibek Makeev
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2. Kazakhstan

Author(s)	Talaibek Makeev - Zauresh Abdieva (KazHydromet), Irina Yeserkepova (JSC “Zhasyl Damu), Olga Melnik (IAC EP), Almas Bazarbayev (University Al-Farabi), Saniya Kartayeva (CAREC),
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Contributor(s)	Margul Bayekenova (JSC “Zhasyl Damu”), Rustam Arstanov, Saniya Kartayeva (CAREC), Balzhan Zhumagazina (CAREC)
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3. Kyrgyzstan

Author(s)	Talaibek Makeev - Natalia Baidakova (SAEPF), Aizada Barieva (SAEPF), Nazgul Turdumatova (SAEPF), Mirbel Ilyazov (EcoExperts LTD), Saniya Kartayeva
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Contributor(s)	Vladimir Grebnev (UNDP Kyrgyzstan), Rustam Arstanov, Saniya Kartayeva, Balzhan Zhumagazina
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4. Messages

Author(s)	Talaibek Makeev
------------------	-----------------

Contributor(s)	Olga Suvorova (MoEP), Zauresh Abdieva, Irina Yeserkepova, Olga Melnik, Almas Bazarbayev, Rustam Arstanov, Saniya Kartayeva, Natalia Baidakova, Aizada Barieva, Nazgul Turdumatova, Mirbel Ilyazov, Vladimir Grebnev
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ANNEXES

Annex-1: List of sources uploaded to the EEA Virtual Library

Author(s)	Saniya Kartayeva
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Contributor(s)	Balzhan Zhumagazina
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Annex -2: Country Fisches on assessed thematic areas for Kazakhstan and Kyrgyzstan

Author(s)	Zauresh Abdieva, Irina Yeserkepova, Olga Melnik, Almas Bazarbayev, Natalia Baidakova, Aizada Barieva, Nazgul Turdumatova, Mirbel Ilyazov,
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Contributor(s)	Saniya Kartayeva, Balzhan Zhumagazina,
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Annex – 3: The status of Kazakhstan and Kyrgyzstan with MEAs

Author(s)	Sanya Kartayeva
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Contributor(s)	Olga Suvorova, Natalia Baidakova
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Annex – 4: Country Tables on relevance of selected assessments to the UNECE environmental indicators, EEA set of sub-topics and subjects

Author(s)	Talaibek Makeev, Zauresh Abdieva, Irina Yeserkepova, Olga Melnik, Almas
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	Bazarbayev, Natalia Baidakova, Aizada Barieva, Nazgul Turdumatova, Mirbel Ilyazov,
Contributor(s)	Saniya Kartayeva, Balzhan Zhumagazina

Annex - 5: Country Tables on DPSIR observance in selected assessments

Author(s)	Talaibek Makeev, Zauresh Abdieva, Irina Yeserkepova, Olga Melnik, Almas Bazarbayev, Natalia Baidakova, Aizada Barieva, Nazgul Turdumatova, Mirbel Ilyazov
Contributor(s)	Saniya Kartayeva, Balzhan Zhumagazina

LIST OF ABBREVIATIONS

AoA	Assessment of Assessments
ALRM	The Agency for Land Resources Management of the Ministry of Regional Development of the Republic of Kazakhstan
ASK	Agency of Statistics of the Republic of Kazakhstan
CA	Central Asia
CAREC	Regional Environmental Centre for Central Asia
CERC	Committee on Environmental Regulation and Control of the Ministry of Environmental Protection of the Republic of Kazakhstan
CGSU	Committee of Geology and Subsoil Use of the Republic of Kazakhstan
CFH	Committee on Forestry and Hunting of the Ministry of Environmental Protection of the Republic of Kazakhstan
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CWR	Committee on Water Resource of the Ministry of Environmental Protection of the Republic of Kazakhstan
DPSR	Drivers– Pressure – State – Impacts – Response
DWR	Department of water resource under the Ministry of Agriculture and Melioration of Kyrgyz Republic
EEA	European Environment Agency
EE-AoA	Europe’s Environment - Assessment of Assessments
EECCA	Eastern Europe, the Caucasus and Central Asia
EfE	Environment for Europe
ENPI	European Neighborhood and Partnership Instrument
EPSD	Environmental protection and sustainable development of the Republic Kazakhstan, Statistical Yearbooks
EPR	Environmental Performance Review
EU	European Union
FAO	UN Food and Agriculture Organisation
FLERMONECA	EU project for Central Asia on Forest and Biodiversity Governance including environmental monitoring
GEF	Global Environment Facility
GHG	Green house gases
IAC EP	Information and Analytical Center on Environmental Protection of the Ministry of Environmental Protection of the Republic of Kazakhstan
IBSE	Information Bulletins on the State of Environment in the Republic of Kazakhstan
KazHydromet	Hydrometeorological Service of the Ministry of Environmental Protection of the Republic of Kazakhstan
KazRIEC	Kazakh Research Institute of Environment and Climate
Kyrgyz Hydromet	Agency of Hydrometeorology under the Ministry of Emergencies and Civil Defense of Kyrgyzstan
MA	Ministry of Agriculture of the Republic of Kazakhstan
MAM	Ministry of Agriculture and Melioration of Kyrgyzstan
MDG	Millennium Development Goals
MEAs	Multilateral Environmental Agreements
MES	Ministry of Education and Science of the Republic of Kazakhstan
MoEP	Ministry of Environmental Protection of the Republic of Kazakhstan
MOG	Ministry of Oil and Gas of the Republic of Kazakhstan
MTC	Ministry of Transport and Communications of the Republic of Kazakhstan

MINT	Ministry of Industries and New Technologies of the Republic of Kazakhstan
MONECA	Environmental Monitoring in CA (the component of Forest and Biodiversity Governance Including Environmental Monitoring EU project)
NFEI	National Fund of the Environmental Information of Kazakhstan
NIR GHG	National Inventory Report on GHG
NR-BC	National Report to Basel Convention
NR – CBD	National Report to UN CBD
NR GRF	National Report on the state of genetic resources of forests of Kyrgyzstan
NR-TAP	National Report to the UNECE Convention on Long-range Transboundary Air Pollution of the Kyrgyz Republic
NSC	National State Committee of the Kyrgyz Republic
NSoERs	National State of Environment Reports
ODA	Official Development Aid
OECD	Organisation for Economic Co-operation and Development
POPs	Persisted organic pollutants
SAEPF	State Agency on Environmental Protection and Forestry of the Kyrgyz Republic
SEIS	Shared Environmental Information System
SLCF	Short – lived climate forcers
SNC	Second National Communication for UNFCCC
UNCBD	United Nations Convention on Biological Diversity
UNCCD	United Nations Convention to Combat Desertification
UNDP	United Nations Development Programme
UNECE	United Nations Economic Commission for Europe
UNECE JTFEI	UNECE Joint Task Force on Environmental Indicators
UNECE WGMA	UNECE Working Group on Environmental Monitoring and Assessment
UNEP	United Nations Environmental Programme
UNFCCC	United Nations Framework Convention on Climate Change
USAID	United States Agency for International Development
WB	World Bank
WBK	Working Body of Kazakhstan on NIR GHG

EXECUTIVE SUMMARY

Present Assessment of Assessments (AoA) report for Kazakhstan and Kyrgyzstan on Air, Biodiversity, Climate Change and Wastes is produced by the Regional Environmental Centre for Central Asia (CAREC). It was commissioned under the auspices of the United Nations Economic Commission for Europe Working Group in Environmental Monitoring and Assessments (UNECE WGEMA). The Government of Switzerland provided funding to CAREC for development of this report.

This AoA report assesses the state of play in the environmental data, statistics and reporting in Kazakhstan and Kyrgyzstan on the above thematic areas and assesses the use of UNECE set of environmental indicators for countries of Eastern Europe, Caucasus and Central Asia and their substantial relevance to the frameworks and sub-topics used for assessing said thematic areas in member countries of the European Environmental Agency (EEA).

It was prepared in consultations with the EEA and in use of the Assessment of Assessments' Methodology¹ along with web tools² specially designed and developed by EEA for the Europe's Environment: Assessment of Assessments³, which was one of the key products of 7th Environment for Europe Ministerial Conference in Astana in 2011 (Astana Conference).

Strong interest of the Ministry of Environmental Protection of Kazakhstan (MoEP) and of the State Agency of Environmental Protection and Forestry of Kyrgyzstan (SAEPF) to exercise this AoA is to be emphasised and welcomed. This is a commitment of two countries to implement Astana Ministerial Declaration⁴, which states that AoA **clearly demonstrates linkages and gaps between the challenges that exist and the means to evaluate and address them**. It confirms willingness of two countries to keep their environment under review and assessed. Moreover, results of this AoA show gaps to be effectively addressed through the cooperation and efforts toward development of the Shared Environmental Information System (SEIS) as it is also stated in the Astana Ministerial Declaration.

Post Astana progress in implementing EE-AoA recommendations

In the Central Asian component⁵ of the EE-AoA the set of country specific recommendations was developed and approved by all Central Asian countries. There were numerous recommendations for Kazakhstan and Kyrgyzstan as well.

Since EE-AoA was dedicated to two major topics: - **the greening economy/resource efficiency and water and water related ecosystems**, there were specific recommendations related to these topics.

Both countries did not do much practically in introduction of specific country reports on the state of water resources and greening the economy yet. There is an intention in both countries to introduce the set of green economy indicators and during the national consultations, discussing the outcomes of this AoA, the Agency of Statistics of Kazakhstan and the National Statistics

¹ The EE-AoA Guide at <http://aoa.ew.eea.europa.eu/>

² <http://aoa.ew.eea.europa.eu/>

³ <http://www.eea.europa.eu/publications/europes-environment-aoa>

⁴ <http://www.unece.org/fileadmin/DAM/env/documents/2011/ece/ece.astana.conf.2011.2.add.1.e.pdf>

⁵ <http://www.eea.europa.eu/themes/regions/pan-european/sub-regional-assessment-of-assessment-reports>, Central Asia

Committee of Kyrgyzstan both stated the need in assistance to develop the national sets of green economy indicators.

There is certain post-Astana progress with environmental statistics in Kazakhstan through annual statistical publications “ Environmental Protection and Sustainable Development” in use of the UNECE set of environmental indicators for EECCA countries. While, there is no much progress with environmental statistics in Kyrgyzstan yet.

It was recommended to Kazakhstan in the EE-AoA to improve the state of environment reporting. Kazakhstan has produced the last annual report in 2011 and since then, country is still in the process to introduce the new state of environment reporting.

Kyrgyzstan was recommended to revive regular publication of the state of environment reports and to consider its national funding. Kyrgyzstan in 2012 has produced a new state of environment report in use of UNECE Guidelines on indicator based environmental reporting⁶ and through the relevant Governmental Resolution has ensured the national funding for regular publication of them.

Both countries were recommended to explore opportunities for cooperation with European Environmental Agency and other relevant institutions to establish SEIS. There is a new EU project in Central Asia on Forest and Biodiversity Governance including Environmental Monitoring (FLERMONECA), which gives an opportunity for Kazakhstan and Kyrgyzstan to benefit from the EEA guided cooperation and activities on SEIS in coming two years.

EE-AoA is specifically mentioned the use of the official development aid (ODA) for environmental reporting by Central Asian countries. Kazakhstan is less ODA dependent country in Central Asia and it continues and even expanding nationally funded environmental reporting. Meanwhile, Kyrgyzstan is still very much dependent of ODA funding for environmental reporting, which influences its regularity and ownership over the reporting processes and their products.

SEIS related country situations

Present AoA reviews country practices of environmental data gathering and aggregation, national statistics, set of indicators and their use in reporting to Multilateral Environmental Agreements (MEA) in assessed thematic areas and in the national state of environment reports (NSoER).

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_8969

