# Report



- balanced development -





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# Dear Friends, Colleagues and Partners!

Our organization is celebrating its 15th anniversary this year, and we are happy to share this Anniversary Report about the path we have traversed.

An anniversary is a good reason to remember the early days of the organization and the events that followed. To remember the beginning of legislation on energy efficiency and alternative energy, the establishment of public councils and the implementation of the principles of transparency and accountability in the energy sector, the development and expansion of the understanding of climate change... The way connections were built between governmental organizations, donors, and NGOs, the way specialization and professionalism of organizations in different spheres of ecology and energy grew. This was a transition from enthusiasm to development that happened thanks to our ideas, and the understanding and support from partners, implemented by the hard work of our employees.

15 years is a young age. And it is very important that we were able to combine the energy of youth with innovations, to build experience, to maintain the quality of our work and to build trust among governmental authorities, international and local organizations, civil society, universities, and the private sector. We greatly appreciate the many years support from our partners; we are proud to have received honorary awards of the Kyrgyz Republic and from the international judicial commission of the Energy Globe Award; we cherish the friendships and business relationships that we have established. We want to thank our long-term partners: European Bank for Reconstruction and Development, European Union, USAID, GIZ, World Resources Institute, Open Society Foundations, GFA for their trust. We are happy to work with you! An anniversary also calls for the review and assessment of results and outputs, and without false modesty, we can say that the numbers are striking. Our consultancy services cover a wide geographic area (Tajikistan, Kazakhstan, Russia, Armenia, Austria, the USA, Germany, Great Britain); we have implemented more than 50 project ideas, distributed more than 600 000 information materials: the largest coverage by an

information campaign reached

1000 towns and villages around Kyrgyzstan totaling more than 1500 events of a different scale (campaigns, seminars, trainings, conferences). We have a number of wonderful initiatives under our belt: Fuel and Energy Sector Transparency Initiative (FESTI), institute of energy consumers' rights protection (ECRP), Climate Action Network of Kyrgyzstan (CANK), newsletter about climate change (INFOIK), all of which later played an important role in the development of Kyrgyzstan; it is also important to note Kyrgyz Sustainable Energy Financing Facility (KyrSEFF). The role and importance of the abovementioned initiatives can be measured in millions of dollars of direct investments attracted to the construction sector of the country through KyrSEFF, millions of dollars for the national budget saved as a result of the work of FESTI Supervisory Board, millions of soms for the budgets of individual energy consumers (households) returned by the network of Energy Consumers' Rights Protection Centers from unreasonably accrued penalties and arrears, and millions of kilowatt-hours saved annually to preserve the nature and the air quality in the Kyrgyz Republic. There is no doubt we should set new ambitious goals, and in our work we will strive to make the results of UNISON Group's work even more notable. 15 years later, today, UNISON is



a reliable and a serious partner of the government, flexible and dynamic in responding to the challenges of the modern world. We have successfully positioned ourselves in Kyrgyzstan as an expert and consultancy organization working in the areas of climate, environment and legislation at the level of law-making, analytics, and practical activities both on national and local scales. Our distinguishing feature is the high-quality execution of innovational ideas. We are committed to a program vision, the integrity of results, provision of direct benefits for the recipients of support, and we are always open to new experience and efficient cooperation! We are glad that our team

We are glad that our team consists of people who share the initial mission of the organization, who love their

work and are proud of it. Today, UNISON unites serious and responsible employees whose experience with the organization exceeds 5 years. We are glad that our employees entrust their future to the organization, and grow personally and professionally with it.

We thank you all for your participation, cooperation, interest, support, recognition and, at times, for constructive criticism!

I wish you every success in your work, health, prosperity, and happiness!

Very respectfully yours, **Nurzat Abdyrasulova** Founder and President, Unison Group

# **UNISON Today**

#### WHO WE ARE

UNISON Group is a successful and dynamic alliance of organizations that have been working on the issues of climate, environment, and energy at the level of law-making, analytical, and practical activities at national and regional scale.

Our team consists of 20 national and local experts with extensive experience in engineering, finance, politics, physics, environmental sciences, marketing and information technology.

#### **OUR MISSION**

UNISON seeks to promote the sustainable development of Kyrgyzstan through the transfer of knowledge and innovations in the field of nature protection, building a green economy, raising human capital, and strengthening a constructive dialogue between the state, society and business.

We envision the Kyrgyz Republic as an innovative, legal, developed country, with a green economy, preserved natural ecosystems and a high level of human capital.

#### **OUR VALUES**

#### Leadership

We change citizens' ways of thinking and the model of behavior towards the society, future generations, nature and its resources.

#### **Innovations**

We introduce innovations nationwide and support the transfer of knowledge to the real sector.

#### Integrity

We talk about things we believe in; our actions match what we think of and what we talk about. Our thoughts, words and actions do not diverge.



#### **OUR MOTTO**

#### **Balanced development**

As the word UNISON depicts it, our motto is harmony (in unison), harmony between innovations and traditions, technologies and ecology, government and society.

#### **HOW WE WORK**

The work of UNISON is built on a program-based approach, and the following programs are being successfully implemented:

- Sustainable Energy (Energy Efficiency and RES)
- ✓ Climate Change and Natural Resource Management
- **✓** Information Campaigns



#### WHAT WE DO

UNISON is in the vanguard of innovative ideas and their implementation, and provides high quality consulting services in all of the program areas. Our experience allows us to offer solutions in the following areas:

- Macro and microeconomic research on energy and environment
- Feasibility study for energy saving measures
- ✓ Introduction of energy management for an enterprise ISO 50001
- Thermal imaging, energy certification and energy audit of buildings
- Development of action plans for governmental authorities
- Trainings on green technologies, dialog platforms for equipment suppliers
- Information campaigns of any scale for different audiences, etc.

# Our Awards and Achievements



THE PRESIDENT OF THE KYRGYZ REPUBLIC'S CERTIFICATE OF HONOR

On August 30, 2017, Nurzat Abdyrasulova, the founder and the leader of UNISON, received a Certificate of Honor of the Kyrgyz Republic for a notable contribution to the development of socio-economic, spiritual, and intellectual potential of the country.

# UNISON - THREE-TIME WINNER OF THE ENERGY GLOBE AWARD







#### **ENERGY GLOBE - 2008**

received for promoting the development of energy service companies in Kyrgyzstan. For the first time in Kyrgyzstan, UNISON implemented the scheme of a performance-based contract a trilateral agreement between an energy service company, a heat supply organization and a municipal facility, "Altyn in Naryn region. The project offered a win-win concept that allowed the kindergarten to improve its energy efficiency class and the municipal authority to avoid additional A heat meter was installed and insulation works were carried out. These measures provided a 67% reduction in the kindergarten's costs for the heating; 40% of the reduction reduction of losses in the heating network pipelines, and

#### **ENERGY GLOBE - 2011**

Energy Globe - 2011 was awarded for the implementation of energy-efficient solutions in a medical facility located Kommuna. Energy Globe approach to energy efficiency, from planning a building's alignment to the cardinal and construction methods and up (but not limited) to the use of alternative energy sources. Such approach was the process of design and construction of the medical facility in Kommuna, Batken region of the Kyrgyz Republic. The building's energy efficiency class is A; it has the conditions in place to provide medical services. It will replace the rural health center that was earlier located in one of the rooms of a local chaihana (café). The new medical facility demonstrates the advantages of renewable energy sources and frame construction harnessing organic insulation.

#### **ENERGY GLOBE - 2016**

acknowledged the successful implementation of sustainable energy financing instruments in Kyrgyzstan, Sustainable Energy Financing Program (KyrSEFF), developed by the European Bank for Reconstruction and Development (EBRD) and implemented with grant support from the European Union. Operating since 2013, it provides preferential loans to the private sector to improve the energy efficiency of houses and businesses.

# Our History and Key Milestones



#### 2002 - 2008

Establishment and development of the organization.

Implementation of ideas in the sphere of energy efficiency,

Renewable Energy Sources,

Persistent organic pollutants and Ecotourism.







#### 2009 - 2013

Determining program directions:

**Good Governance** 

Climate Change and Ecology

Energy Efficiency and Renewable Energy Sources



#### 2013 - 2017

Creation of the Unison Group Alliance, work in all program directions.

Expansion of cooperation, collaboration with Financial Institutions and the Business Sector.

# Our Key Projects

Below we would like to highlight some of the best and most significant examples of our work. The data below is the results of several projects supported by different donors and financial institutions. We try to adhere to a program vision. The full list of our projects is available at the end of this report, in the "List of Projects and Conferences" table.



# FUEL AND ENERGY SECTOR TRANSPARENCY INITIATIVE (FESTI)

Fuel and Energy Sector Transparency Initiative (FESTI) is a broad tool used to introduce the principles of transparency and public discussion to the fuel and energy sector management and control processes, to increase the responsibility and accountability of the sector's management bodies, and to minimize corrupt practices in the energy sector. The initiative was established by the Decree of the President of the Kyrgyz Republic Nº49, dated July 20, 2010. It lost force under the Decree Nº189 of October 2, 2015. The implementation period of the initiative was 2010-2015.

#### INPUT OF UNISON:

based on the results of an open vote, N. A. Abdyrasulova was co-chairing the Supervisory Board of FESTI as a representative of the public throughout the entire period of the work of the Supervisory Board;

seeking financial support for the organizational needs of the Supervisory Board and its working body - the Secretariat;

attraction of the expert potential of the Electricity Governance Initiative (EGI), an international network, and internal potential for analyzing the key problems of the energy sector - commercial losses, public procurement, quality of service, etc.;

institutional and practical analysis of the energy management system in Kyrgyzstan;

organization of international and national conferences, open high-level hearings for a transparent and accountable decision-making process within the sector management

#### MAIN ELEMENTS AND **COMPONENTS OF FESTI:**

- ▼ Establishment of FESTI Supervisory Board with participation of an equal number of the representatives of energy companies, civil society and government agencies;
- Regularly informing the public about the results of activities, expenditures and incomes of the sector;
- Use of transparent mechanisms for a proper management of financial flows, introduction of a transparency procedure in tariff setting, etc.

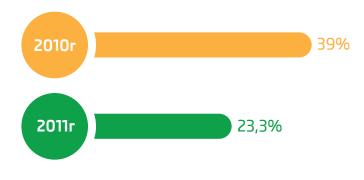


#### **CUMULATIVE RESULTS OF** FESTI, 2010 - 2015:

The cost of Kyrgyz energy system development projects optimized by about

1200

Reduction of electricity losses in distribution company networks from



Disclosure of the facts of corruption in the amount of more than

million soms

unreasonably written-off receivables in 2010 (by the management of the subordinated enterprises of Severelectro JSC with the collusion of consumers)



# KYRGYZ SUSTAINABLE ENERGY FINANCING FACILITY KYRSEFF

KyrSEFF is a unique program developed by the European Bank for reconstruction and Development (EBRD) and aimed at supporting investments in energy saving, energy efficiency and development of renewable energy sources. The program is a \$55-million credit line with low interest rates supported by grant incentives of 10 to 35% from the European Unison Investment Fund for Central Asia.

#### **CUMULATIVE RESULTS, 2013 - 2017:**

✓ Disbursed investments:

\$29 277 743

**∨** Disbursed grants:

\$3 255 755



Number of residential projects:



Number of business projects:

Energy savings:

122 995 = 27 588 saving tons of coal MWt-h/year



- Partnerships with 7 local financial institutions (Demir Bank, Bai Tushum, KICB, Finca, Kompanion, FMCC, Optima)
- CO2 emissions reduction:

37 028 = 397 flights from Bishkek to Moscow tons/year

# OF UNISON:

Improvement of
legislation - assisting
improvement of the
investment climate in the
sphere of the energy efficiency
of buildings in the Kyrgyz
Republic through advisory
support to the State Agency for
Architecture, Construction,
Housing and Communal
Services under the Government
of the Kyrgyz Republic (since
2009) in developing and
elaborating legislation on
energy efficiency of buildings;

Technical support of KyrSEFF credit line - cooperation with commercial structures, consulting clients of the Program, evaluation and verification of housing and business projects;

Promotion of the market for energy efficient technologies and materials - cooperation with foreign and domestic producers and suppliers of certified technologies, creation of interactive platforms between suppliers, organization of exhibitions;

Informing the population and the private sector on energy saving, water conservation and implementation of effective green solutions to improve comfort in buildings, and to increase the competitiveness and the volume of production by enterprises;

# STAY WARM/USHUBO, KYRGYZSTAN!' INFORMATION CAMPAIGN

The campaign is a unique specialized product developed by UNISON to provide direct support to the citizens of the Kyrgyz Republic in preparation to winter season based on actual conditions. The information campaign was

created in December of 2014, when forecasts predicted long-term energy blackouts due to energy deficit in the country and prolonged periods of cold weather. The campaign was supported by donor organizations twice, and

nowadays it is a "railroad" for large-scale awareness-raising campaigns.



#### **CORE PRINCIPLES**

- direct and regular local popularization services, an actual dialog with the population in all remote and nearby villages and cities of Kyrgyzstan;
- one-time shortOterm information campaign in all regions of the country, media coverage by national and local broadcasting companies;
- comprehensive language of the recommendations, revised material provided information on relevant solutions for pre-existing conditions and level of understanding and local practical examples;
- involvement of state authorities and energy providers to assist cooperation and mutual support;
- ✓ a caravan method implementing demos, models, and a convenient format of information brochures.

# CUMULATIVE RESULTS, 2013 - 2017

35 specialists trained

983 villages covered

**40 000** participants of public lectures

148 753 publications distributed

**80 000** citizen informed via mass media

10 seamstresses and masters trained

100 thermos 'tuyunchok' produced

100 candle heaters crafted

a portal for energy consumers, energy.unison.kg, launched

# COMMUNITY ENERGY ADVOCATE CENTERS (CAEC) NETWORK

The Community Energy Advocate Centers (CAEC) Network is a voluntary association of civil society organizations working on a wide range of issues related to electricity supply at the local level. CAEC Network is a result of the initiatives of CSOs in regional centers, a bottom-up approach mentored and supported by UNISON, matching the existing bottom-up approach within an energy company management system.

#### INPUT OF UNISON

Newsletter: establishment and maintenance of a newsletter on the issues of energy management for a wide audience,

Building capacity: trainings for activists and organizations on energy consumers' rights protection based on the existing legislative instruments,

Resource centers: assisting the establishment of centers for provision of resources and consultations of energy consumers' rights protection,

Development of materials: development of information materials and publications for the population, Electric Energy - A Guidebook for a Consumer Brochure, series of Important to Know! Posters on heat and electricity supply.

Leadership: management and coordination of the activities of CAECs, attraction of funding, assisting the exchange of experience and skills development among the members of the network.

#### CUMULATIVE RESULTS, 2010 - 2017

More than 10 000 consultations provided

9 000 cases of rights violation considered

**8 760 685** soms reimbursed upon unjustified decisions (USD 128 000),

700 events held.

40 000 participants

4 tripartite memorandums

signed: district administrations, energy supplying companies and CAECs,

7 positions prepared by the Network of community centers,

**330 000** publications distributed.

#### CORE PRINCIPI FS

Ensuring the rule of law, equal participation, transparency and cooperation in the decision-making process related to issues important for the population, including individual cases,

Providing professional assistance and advice to energy consumers on protecting their rights and enabling them to develop skills and knowledge about the legal framework of energy purchases;

Supporting energy consumers who faced violation of their rights;

Partnering with energy distribution companies, civil society organizations and local authorities.

Improving the legal literacy of the population on energy supply.



#### CLIMATE ACTION NETWORK OF KYRGYZSTAN

Climate Action Network of Kyrgyzstan is a voluntary, self-governing, non-commercial network of civil society organizations. It was established in 2012 as the initiative of organizations aimed at protection of the environment and the promotion of climate change issues.



# CORE PRINCIPLES OF CANK'S WORK (STATED IN THE MEMORANDUM)

- Promoting the development of national climate change policies;
- Representation of public interests in the field of climate change;
- Organization of public control over the implementation of the Kyrgyz Republic's commitments on climate change;
- Raising the level of environmental awareness of the public to address climate change;
- Development and strengthening of intersectoral cooperation in the field of climate change.



#### INPUT OF UNISON

Creation and distribution of INFOIK newsletters on a regular basis for a wide audience, represented by government agencies, non-governmental and international organizations, universities and the media, on important issues in the field of climate policy in Kyrgyzstan, the Central Asian region, the world and on practical issues - adaptation and reduction of CO2 emissions, agriculture, emergency situations, etc. (since 2009);

Creation and coordination of the Network in 2012-2015.

Chairmanship in the Coordinating Council of CANK during 2015 - 2017 (based on the results of voting by the network members), administration of membership fees, organization of public hearings, maintenance of information resources of the network - website, Facebook page..



## Our Conferences

UNISON is experienced in holding outreach events and discussions, and as a part of our program directions, we hold conferences, both planned within projects and traditional annual sessions. Here we would like to offer you a list of key events, innovative for their time, among them the first 'green carpet' ceremony for citizens,

entrepreneurs and the representatives of the governmental sector, and the first high-level discussion of the pressing issues of climate change and energy sector management.



Nº	Project/ Conference	Period	Financed by	Partners	Objectives	Impact/Results
	Central Asian European International Forum on Climate Change CAEFOCC	05/2006	The INTAS Program of the European Commission and the Velux Stiftung Fund	Energy Center Bratislava, VVUPS-NOVA (Slovakia), Grundfos Kyrgyzstan, KSUCTA Green Energy (Ukraine), Sustainable energy news (Denmark), The Industry of Kazakhstan (Kazakhstan)	To review the major challenges and solutions of the energy market in Central Asia	The first international conference on climate change with more than 100 participants held in Kyrgyzstan
	Second Central Asian European International Forum on Climate Change CAEFOCC	2010	Embassy of Germany	State Agency for Environment Protection and Forestry	To integrate key players from a wide range of stakeholders into a discussion and to raise the issues of climate change	Second international conference on climate change at the regional level uniting 120 participants from 11 countries

	International Conference "Creating a Dialogue in the Fuel and Energy Complex"	2011	Soros Foundation Kyrgyzstan, Open Society Foundations	Office of the President of the Kyrgyz Republic, Ministry of Energy of the Kyrgyz Republic, FESTI, World Resources Institute (USA)	To share experience in order to enhance transparency in the energy sector	The conference was attended by the President of the Kyrgyz Republic and united 120 participants from 12 countries Collection of analytical articles "Transparency and Accountability in the Energy Sector of the Kyrgyz Republic"  Resolution with recommendations on the improvement of transparency and accountability in the sector
	National Conference "Integrating the Issues of Climate Change into the National Policies of Kyrgyzstan"	2011	Christian- Aid	Resource Center for Elderly PA, SAEPF KG, PBC	To integrate the issues of climate change to country's strategic documents	Resolution with recommendations on the integration of climate change issues into the national policies  Participation in the "Free Microphone" program at the First National Telecorporation, together with climate change experts and conference participants
	KyrSEFF – "Energy Efficiency Excellence Awards" Grand Ceremony	November 19, 2014	Kyrseff	Partner banks (KICB, Demir Bank, Bai- Tushum, Finca), EU, EBRD, Gosstroy	To raise public awareness of the outputs and benefits of energy saving	First ceremony to recognize best energy efficient achievements in Kyrgyzstan, attended by the Minister of the Economy of KG  Awarding Ambassadors of energy efficiency among governmental institutions, banks and private sector
6	Green Economy Forum "Assisting the Transition Towards Green Economic Development in Kyrgyzstan"	November 30, 2016	GIZ	Ministry of Economy of the Kyrgyz Republic, CCI KG	To support the government of the Kyrgyz Republic in further economic development	More than 100 representatives of governmental, non-governmental, and business sectors  Resolution of the conference containing recommendations of the participants on efficient implementation of the energy



# List of Projects and Conferences

Νo	Project / Conference	Period	Place	Support	Partners	Goal	Result / Impact
1	Together for a Clean City	05/06/2003	Kyrgyzstan	-	Bishkek City Mayor's Office, KEU	To attract public attention to environmental issues	Organized a cleanup campaign in which 150 students were volunteers Cleanup held in the Ata Turk park
2	"A Clean River" Public Environmental Campaign	27/03/2004	Kyrgyzstan	-	State Environmental Protection Department, Kyrgyz State Academy of Law, IUK, BHU	To attract public attention to the issues of the pollution of surface waters with household waste	Cleaned 1.5 km of Ala-Archa river course  Prepared information leaflets on the rational use of water
3	Facilitation of the development of energy service companies in Kyrgyzstan (ESCO-Kyr)	10/2004- 07/2006	Naryn Region, Kyrgyzstan	Slovak AID	Energy Consulting (Slovakia), CIDA	To improve the quality of services provided by energy companies in the rural areas of Kyrgyzstan	A 67% reduction in energy consumption by a kindergarten (implemented measures: installation of new windows, automatic control systems, and heat meters)
4	Energy certification of buildings in the Kyrgyz Republic (BuildCer)	03/2005 11/ 2006	Kyrgyzstan	Slovak AID	CIDA, KSUCTA, VVUPS NOVA	To implement energy certification in the Kyrgyz Republic	Certification of 25 buildings (Bishkek, Naryn)  Typology of the housing fund of Kyrgyzstan developed
5	Preparation of model solutions for utilization of biomass	03/2005 07/2006	Kyrgyzstan	British Consulate	Energy Center Bratislava (Slovakia)	To raise public awareness on biomass use as an energy source	An action plan to develop a market for biomass in Kyrgyzstan developed

(	Slovak Kyrgyz Partnership on fostering market penetration of renewable energy sources	10/2005 01/ 2007	Kyrgyzstan	Slovak AID	NAWITAS	To inform the local population of Kyrgyzstan on energy issues	Analysis of RES market in the Kyrgyz Republic Recommendations on the development of market relations in the sphere of renewable energy sources in Kyrgyzstan (a publication) produced
-	Analysis and assessment of persistent organic pollutants in Kochkor region of the Kyrgyz Republic	02/2006 06/ 2006	Naryn region, Kyrgyzstan	International POPs Elimination Network (IPEP)	IPEN	To assist awareness-raising on POPs and risks related to them in Kochkor region among the population	Analysis of the sources of POPs in Kochkor region
· ·	Central Asian European International Forum on Climate Change CAEFOCC	05/2006	Bishkek, Kyrgyzstan	The INTAS Program of the European Commission and the Velux Stiftung Fund	Energy Center Bratislava, VVUPS-NOVA (Slovakia), Grundfos Kyrgyzstan, KSUCTA Green Energy (Ukraine), Sustainable energy news (Denmark), The Industry of Kazakhstan (Kazakhstan)	To review the major challenges and solutions of the energy market in Central Asia	The first international conference on climate change with more than 100 participants held in Kyrgyzstan
(	Energy Efficiency and renewable energy sources at Kommuna's village medical facility	08/ 2007 - 11/ 2008	Kommuna village, Batken region, Kyrgyzstan	EU	CEEBA	To improve the local infrastructure through the construction of a new medical facility in the village of Kommuna	An energy efficient medical center built in Kommuna village. Photoelectric converters and solar collectors installed

10	Education for Sustainable Development and Climate Change	04/2006 - 03/ 2008	Omsk, RF	DEFRA (Great Britain)	Department of Education under the Administration of Omsk; Council for Field Research (Great Britain), Engineering and Technology Center, ERIS Research and Production Company	To promote new energy efficient mechanisms and measures	Energy audit of 2 schools in Omsk carried out  Recommendations on energy saving and introduction of innovative technologies
11	Eco Tourism in Ala-Archa Gorge	2006-2008	Chui region, Kyrgyzstan	Slovak Aid	BROZ - Regional Association for Nature Conservation and Sustainable Development (Slovakia)	To assist the sustainable development of tourism in the Kyrgyz Republic	Information and education center on sustainable tourism for visitors created Routes in Ala-Archa gorge marked
12	Promotion of Sustainable Tourism in the Kyrgyz Republic	09/2006- 11/2008	Kyrgyzstan	Slovak Aid	BROZ - Regional Association for Nature Conservation and Sustainable Development (Slovakia)	To conduct a research of the tourism sector to identify ways for its further improvement based on the principles of sustainable tourism	Analysis of the existing sector and development of plans for its improvement
13	Promotion of the Tools of Sustainable Tourism in the Kyrgyz Republic	10/2007 - 08/2008	Ton village, Issyk-Kul region, Kyrgyzstan	Central Asian Regional Committee on Sustainable Development	Attan NGO	To establish a center for sustainable tourism in the village of Ton	10 seminars and trainings on the instruments of tourism 1 information center in the village of Ton
14	Saamalyk: Development of the Local Market for Alternative Tourism Through the United Efforts of a Kyrgyz-Slovak Joint Venture	01/2008- 07/2008	Kyrgyzstan	SlovakAid	EMERGE Ltd (the Slovak Republic)	To promote the sector of tourism in Kyrgyzstan	Training for the representatives of private tourist companies from all around Kyrgyzstan

15	Strengthening Local Communities for Rural Development (ELCO)	01/2008 - 12/2008	Kommuna village, Batken region, Kyrgyzstan	Ministry of Foreign Affairs of the Netherlands	Women Engage for a Common Future (WECF)	To strengthen the participation of the local population in the process of the improvement of sanitary conditions	1 eco-san toilet built in Kommuna village  Training on the basics of hygiene and compliance with sanitary norms
16	Strengthening Local Communities for Rural Development (ELCO-2009)	01/2008 - 12/2009	Bokonbaevo village, Kyrgyzstan	Ministry of Foreign Affairs of the Netherlands	Women Engage for a Common Future (WECF)	To improve sanitary and hygienic conditions for disabled children	Construction of a public toilet for 30 disabled children
17	Hygiene and Sanitation in Rural Schools	01/2008 - 12/ 2009	Ivanovka village, Chui region, Kyrgyzstan	Ministry of Foreign Affairs of the Netherlands, the Embassy of Germany	Women Engage for a Common Future (WECF) Children's Rehabilitation Center Beypil Alga NGO	To develop eco-sanitation in the school at the Ivanovka station	Building an eco-toilet for 600 children and teachers
18	Promotion of the Global Information Campaign on Strategic Approach	12/2008- 02/2009	Bishkek, Kyrgyzstan	International POPs Elimination Network (IPEP)	-	To increase awareness of the implementation of the Strategic Approach to International Chemicals Management (SAICM)	Analysis of chemicals management in Kyrgyzstan  A short overview and recommendations for the implementation of SAICM
19	Strengthening Local Communities for Rural Development (ELCO)	01/2008 - 12/2008	Kommuna village, Batken region, Kyrgyzstan	Ministry of Foreign Affairs of the Netherlands	Women Engage for a Common Future (WECF)	To improve rural infrastructure, increase the capacity of local residents in the field of energy saving and efficiency	30% energy saving in the village school (implemented measure: thermal insulation)
2 0	Tools for the Energy Sector Management Initiative	2008- 12/2009	Kyrgyzstan	Open Society Foundations (OSI)	World Resources Institute (USA) Prayas Energy Group (India) Public Association "Yustin" (Kyrgyzstan)	To assess the management of the energy sector in the context of transparency and openness of this sector to the public	Analytical publication "Energy Sector Management in Kyrgyzstan: Institutional and Practical Analysis" 1 conference to present the outputs of the research

21	Consultations on Energy Efficient Technologies and Practices in Schools and Public Buildings (Armenia)	2009	Armenia	ЕБРР	CURONA DESIGN	To advise on energy efficient technologies and practices for public buildings	Report on the energy characteristics of Yerevan Airport
22	Consultations on Energy Efficient Technologies and Practices in Schools and Public Buildings (Kazakhstan)	2009	Kazakhstan	EBRD	D'Appolonia	To advise on energy efficient technologies and practices for schools	Report on the energy characteristics of a school in Astana
23	Evaluation of the Efficiency of a Building Management System	2009	Kyrgyzstan	EBRD	CURONA DESIGN, Drivers Jonas LLP, Great Britain	To analyze the efficiency of the introduction of an automated building management system (BMS)	Assessment of systems for a business center and a hotel in Bishkek
24	Supporting the Introduction of Energy Efficient Measures in the Construction Sector - a Strategic Dialogue	06/ 2009 - 12/ 2010	Kyrgyzstan	EBRD	ECB, TSUS (Словакия), SBi, KSUCTA	To improve the regulatory framework for energy efficiency of buildings (Phase I)	The Law "On Energy Efficiency of Buildings" (No. 137 of July 26, 2011) was signed and entered into force
25	350 Action - Boom Party	09/10/ 2010	Kyrgyzstan	350.org	Kyrgyz-Turkish Manas University	To bring the attention of the public and all those travelling along the Bishkek-Torugart road to the problem of climate change	"350" laid out in white stones on a mountain slope
26	350 Action in Bishkek	24/10/ 2010	Kyrgyzstan	350.org, public initiative	Ministry of Emergency Situations (MES)	To bring the attention of Bishkek residents and visitors to the problem of climate change	An event with 30 participants
27	Second Central Asian European International Forum on Climate Change CAEFOCC	2010	Kazakhstan	WECF; Embassy of Germany, ACT- CA	WECF; NGO Ecocentre (Kazakhstan), State Agency for Environment Protection and Forestry	To integrate key players from a wide range of stakeholders into a discussion and to raise the issues of climate change	Second international conference on climate change at the regional level uniting 120 participants from 11 countries

28	International Conference "Creating a Dialogue in the Fuel and Energy Complex"	2011	Kyrgyzstan	Soros Foundation Kyrgyzstan, Open Society Foundations	Office of the President of the Kyrgyz Republic, Ministry of Energy of the Kyrgyz Republic, FESTI, World Resources Institute (USA)	To share experience in order to enhance transparency in the energy sector	The conference was attended by the President of the Kyrgyz Republic and united 120 participants from 12 countries  Collection of analytical articles "Transparency and Accountability in the Energy Sector of the Kyrgyz Republic"  Resolution with recommendations on the improvement of transparency and accountability in the sector
29	Improvement of legal and regulatory framework in the field of energy efficiency	2012	Kyrgyzstan	EBRD	GOSSTROY	To develop a set of by-law technical documents and to harmonize the legislation on energy efficiency of buildings (Construction Norms and Regulations, Codes of Conduct, etc.)	<ul> <li>Approved and entered into force the following regulations:         <ul> <li>Regulations on the Procedure for the Energy Certification of Buildings;</li> <li>Regulations on the Procedure for the Periodic Control of the Energy Efficiency of Boilers, Heating and Hot Water Supply Systems in Buildings</li> </ul> </li> </ul>
3 0	Climate Action Day	2012	Kyrgyzstan	CANK, UNISON	Move Green	To draw public attention to the issues of climate change	Joined the global campaign devoted to the actions aimed at combatting climate change
31	National Conference "Integrating the Issues of Climate Change into the National Policies of Kyrgyzstan"	2011	Kyrgyzstan	Christian-Aid	Resource Center for Elderly PA, SAEPF KG, PBC	To integrate the issues of climate change to country's strategic documents	Resolution with recommendations on the integration of climate change issues into the national policies  Participation in the "Free Microphone" program at the First National Telecorporation, together with climate change experts and conference participants

32	Creating Transparency in the Coal Market in the Southern Region of Kyrgyzstan	11 /2012 - 02/2013	Southern regions of Kyrgyzstan	IRG USAID	Community Energy Advocate Centers (CAEC) in Osh, Batken and Dzhalal-Abad, Libra Public Foundation	To support the initiatives of civil society aimed at increasing of the government transparency	Analysis of the coal market in the south of the country (deposits, quality analysis and prices)  Map with coal sales outlets in the south of the Republic
33	Nationwide Information Campaign on Energy Issues	11/2012 - 02/2013	Kyrgyzstan	USAID/OTI		To support the initiatives of civil society aimed at increasing of the government transparency	Consolidated results on providing consulting and information support to the consumers of electricity and heat:  • more than 10 000 consultations,  • more than 9,000 violations of rights,  • 8 760 685 soms (\$ 168 474)  reimbursed
34	Study of Energy Issues by Utilizing the Tools for the Assessment of the Energy Distribution System	11/2012 - 02/2013	Kyrgyzstan	IRG USAID	World Resources Institute (WRI, USA) Prayas Energy Group, India	To increase efficiency and accountability in the energy sector, including decision-making and informed involvement of the civil society	Conducting a survey of 1800 respondents across the country  Analysis and assessment of the energy distribution system
35	Supporting the Implementation of New Legislation on the Energy Efficiency of Buildings	02/ 2012 - 04/2013	Kyrgyzstan	EBRD	Energy Center Bratislava (ECB)     GOSSTROY	To develop a set of documents governing the procedures of buildings energy certification and periodic control of the energy efficiency of boilers, building heating systems and hot water supply systems	A set of regulatory documents on quality certification, state registry of buildings energy certificates, periodic control protocols, and certified independent specialists, and monitoring the quality of work was developed
36	Capacity Building of CSOs in Central Asia to Support the Development of the Energy Sector Management	01/2014 - 02/ 2015	Kyrgyzstan	World Resourses Institute			Analysis of the changes in the energy management system during the last 5 years  3 publications on current issues of energy management in a "10 questions and answers" format

37	Kyrgyz Sustainable Energy Financing Facility KyrSEFF (Phase I)	2012-2015	Kyrgyzstan	EBRD	GFA Consulting, D'Appolonia, 4 commercial banks based in Kyrgyzstan	To promote energy efficiency in the Kyrgyz Republic	Technical assistance to commercial banks and private sector in investments in energy saving measures Disbursed investments: USD 22 550 663.28 Disbursed grants: USD 2 936 297 Number of residential projects: 763 Number of business projects: 62 Energy saving 111 423 MWt-h/year Annual CO2 reduction: 32 889 tons
	KyrSEFF – "Energy Efficiency Excellence Awards" Grand Ceremony	November 19, 2014	Kyrseff	Partner banks (KICB, Demir Bank, Bai- Tushum, Finca), EU, EBRD, Gosstroy	To raise public awareness of the outputs and benefits of energy saving	First ceremony to recognize best energy efficient achievements in Kyrgyzstan, attended by the Minister of the Economy of KG  Awarding Ambassadors of energy efficiency among governmental institutions, banks and private sector	KyrSEFF – "Energy Efficiency Excellence Awards" Grand Ceremony
3 8	National Campaign on Awareness-Raising of the Population on Adaptation to the Winter Period	11/ 2014 - 03/ 2015	Kyrgyzstan	GIZ	Climate Action Network of Kyrgyzstan (CANK), Community Energy Advocates Network	To support awareness raising among the Kyrgyz population and to strengthen rural households' ability to survive the autumn and winter 2014/2015  To promote knowledge on the efficient management of water and energy resources for agricultural production among the population	13 369 participants directly involved in the events in 408 villages around Kyrgyzstan  23 753 copies of the booklet "Simple ways to get prepared for the winter"  16 specialists from all regions of Kyrgyzstan trained to hold public lectures and consultations on thermal insulation, economy, human health, and livestock farming  2 houses insulated in the villages of Chong-Kyzyl-Suu and Zholgolot in Issyk-Kul region in accordance with international standards for insulation

39	Supporting Civil Society in Holding an Information Campaign on Consumers' Rights and Energy Saving	11/ 2015 - 03/ 2016	Kyrgyzstan	USAID	Climate Action Network of Kyrgyzstan (CANK), Community Energy Advocates Network	To hold a republic-wide information campaign on consumers' rights and energy efficiency	26 000 attendees of public lectures in 575 populated areas  Brochure "100 practical tips on energy saving and energy consumption" in Russian and Kyrgyz languages  A portal for energy consumers www.energy.unison.kg was developed and launched
4 0	Study tour on Energy and Energy Efficiency Issues in 15 Remote Villages in Naryn Region	12/ 2015- 01/ 2016	Naryn region, Kyrgyzstan	University of Central Asia	University of Central Asia	To inform schoolchildren about the basics of energy saving in homes	30 lectures in 15 villages and 3 districts in Naryn region for 850 students and teachers
41	Improvement of the Legislation in the Sphere of the Energy Efficiency of Buildings Within the Framework of the Private Sector Development Program	2016	Tajikistan	GIZ		To improve the legislation on energy efficiency in Tajikistan	Development of recommendations on the improvement of Tajik legislation on energy saving  2 seminars for governmental authorities and experts
42	Participation in the Preparation of the "Power to Grid" Publication	2016	Kyrgyzstan	WRI	Prayas Energy Group	To analyze the key trends in the energy sector on the global scale	Input to the publication "THE FUTURE ELECTRICITY GRID" (data about Kyrgyzstan)
43	Promotion of Green Technologies Among Small and Medium Businesses in the Kyrgyz Republic	10/ 2016 - 04/ 2017	Kyrgyzstan	GIZ		To increase the potential of rural entrepreneurs in implementation of modern technologies to improve their businesses	15 trainings with more than 300 representatives of local authorities and small and middle size businesses
44	Increasing energy efficiency of general education institutions	04/ 2016- 06/ 2016	Kyrgyzstan	USAID	Community Energy Advocates Network South department of Academy of Sciences of Kyrgyz Republic	To raise awareness and educate on peculiarities of a heating season for KG schools, including legislation, legal and technical issues, through information seminars assisted by the structures of the Ministry of	35 seminars in 39 districts for 1020 schools that use coal heating systems (1507 participants) 2000 copies of the "Coal Heating. Guidebook" Brochure

45	Green Skills Training in Rural Areas G-STAR (Phase I)	05/2016 - 12/ 2016	Kyrgyzstan	AVEP PF, Helvetas	CEEBA PF, AMETIS PA	Information campaign to promote green skills	Citizens of 30 villages around Chyi Region trained on energy efficiency, proper installation and construction
4	Roadmap on Implementation of the Law of the Kyrgyz Republic on Energy Efficiency of Buildings	06/2016 - 10/ 2016	Кыргызстан	EBRD		To develop a roadmap for a practical implementation of the Law of the Kyrgyz Republic on Energy Efficiency of Buildings	The roadmap for the implementation of the law of the Kyrgyz Republic on energy efficiency of buildings was approved and adopted by the Government
47	Program of the Development of Energy Efficiency and Energy Saving in the cities of Balykchy, Sulyukta, and Toktogul	10/ 2015- 11/ 2016	Kyrgyzstan	World Bank's ESMAP Program	ARIS	Energy efficient development of small towns in Kyrgyzstan to create comfortable conditions for citizens and to increase the level of safety	Formulation of municipal programs on energy efficiency and energy saving development in three towns: Balykchi, Sulyukta, and Karakol  Feasibility study: energy renovation of 6 schools and kindergartens, 2 projects on street lighting replacement
4	Exploring the Potential of Energy Efficiency in Bazar Korgon District	11/2016- 01/ 2017	Kyrgyzstan	GIZ	CAMP Ala-Too	To assess the existing potential of a pilot district to develop recommendations for further energy efficient development	Feasibility study: assessment of the potential and possible solutions aimed at increasing energy efficiency in Bazar Korgon
4	Green Economy Forum "Assisting the Transition Towards Green Economic Development in Kyrgyzstan"	November 30, 2016	Kyrgyzstan	GIZ	Ministry of Economy of the Kyrgyz Republic, CCI KG	To support the government of the Kyrgyz Republic in further economic development	More than 100 representatives of governmental, non-governmental, and business sectors  Resolution of the conference containing recommendations of the participants on efficient implementation of the energy efficient and energy saving potential in all economic sectors

5	"Cutting-Edge Green Technologies" Business Seminar	November 4, 2016	Kyrgyzstan	Baltic Cleantech alliance, Kyrseff	Cleantech Latvia, Finish Water Forum, GNF	To establish a dialogue platform to enforce cooperation between suppliers and manufacturers of green technologies from Latvia, Finland and Kyrgyzstan	More than 100 business sector representatives
51	KyrSEFF (Phase II)	2016-2018	Kyrgyzstan	EBRD	GFA Consulting, D'Appolonia 6 commercial banks in KG	To support investments in energy and resource efficient solutions	The statistics is available at www.kyrseff.kg website
52	Green Skills Training in Rural Areas G-STAR (Phase II)	01/2017 - 12/ 2017	Kyrgyzstan	AVEP PF	CEEBA PF, AMETIS PA	To increase the level of knowledge on the green skills among rural residents	Informing 1076 people from 35 villages around Chui region

### **Partners**

Cooperation and the creation of strong networks with state institutions and civil society organizations are the main goals of our organization.

UNISON actively interacts with public institutions, government ministries, universities and research institutes, municipal and regional authorities throughout the territory of the Kyrgyz Republic and Central Asian region.

We are very grateful to our partners. Despite the fact that they all come from different parts of the world

#### FINANCIAL PARTNERS

- World Bank
- European Bank for Reconstruction and Development
- Asian Development Bank
- KfW Development Bank
- European Commission
- International Finance Corporation (IFC)
- GIZ (Tajikistan, Kyrgyzstan)
- Soros Foundation Kyrgyzstan
- United Nations Industrial Development Organization, (UNIDO)
- United Nations Environment Program (UNEP)
- US Agency for International Development USAID (and IRG, GGPAS Programs)

- UN World Food Program
- Food and Agriculture
   Organization of the United
   Nations (FAO)
- Organization for Security and Co-operation in Europe
- UK Department for International Development (DFID)
- Japan International Cooperation Agency (JICA)
- HELVETAS Swiss Intercooperation
- Central Asian Regional Committee for Sustainable Development
- Christian Aid, Great Britain;
- Embassy of the United Kingdom in Slovakia;

- SlovakAid Official Support Program of the Government of the Slovak Republic
- The Government of the Netherlands
- The Branch of Nature And Biodiversity Conservation Union (NABU)
- Allavida Fund, Great Britain
- Velux Stiftung Foundation, Switzerland
- Global Greengrants Fund.

## PARTNER ORGANIZATIONS

Austria: Renewable Energy and Energy Efficiency Partnership (REEEP), Herz, Ogut, Denkstatt, Kommunal Kredit,

Belorussia: Ideas Implementation Foundation

Bulgaria: Enefect, Bulgarian Energy Efficiency Fund, Agency for Energy Efficiency;

Belgium: Programs of the European Commission INTAS

Great Britain: CURONA Design Ltd., Drivers Johnas Ltd., Field Studies Council, Center for Alternative Technology, Global Action Plan

Hungary: Geonardo Environmental Technologies Ltd., Regional Environmental Center Cee

Germany: GFA, Fraunhofer IAO, IAT University of Stuttgart, Ecological Tourism in Europe

Greece: Wegre

Italy: D'Appolonia

China: China Enterprise Confederation

Kyrgyzstan:

Governmental Authorities: State Agency for Environment Protection and Forestry (SAEPF);

State Committee for Industry, Energy and Subsoil of the Kyrgyz Republic (SCIES), State Agency for Architecture, Construction, Housing and Communal Services under the Government of the Kyrgyz Republic (Gosstroy); State Agency for Tourism; Ala-Archa National Park; Chui District Administration, Issyk-Kul District Administration;

International programs and projects: Mountain Partnership, EBRD Business Advisory Services (BAS); Community Development and Investment Agency (ARIS), Aga Khan Development Network (AKDN);

Energy companies: National Energy Holding Company, Severelectro JSC, Electrical Stations JSC, Oshelectro JSC, Vostokelectro JSC, Bishkek District Heating Network JSC

CSOs: Rosa Otunvaeva Initiative, CREEED Center, Center for Energy Efficient Construction in Central Asia (CEEBA), Habitat for Humanity-Kyrgyzstan Public Foundation, Independent environmental Expertise Public Association, Abdysh-Ata LLC, Arysh NGO, Promo Tank PF, Attan NGO, Tabiyat NGO, Fluid NGO, BizExpert, AVFP PF:

Climate Action Network of Kyrgyzstan: Camp Alatoo PF, BIOM Environmental Movement, MoveGreen, AiVa Media PF, Institute for Climate and Green Technologies of Kyrgyzstan, Agrolead PA, Relascope PF, Yrystan PF, Resource Center for Elderly Public Association

ECRP: Yustin PA, LIBRA Consumers' Rights Protection Organization, Public Association for Social Protection of Population named after L. Fomova, Elsen PF

Universities and educational institutions: National Academy of Sciences of the Kyrgyz Republic, Central-Asian Institute for Applied geosciences (CAIAG), Kyrgyz State University of Construction, Transportation and Architecture (KSUCTA), International University of Kyrgyzstan (IUK); Bishkek Humanities University (BHU, Kyrgyz State Academy of Law, AUCA, UCA, KTU, KRSU, International Academy of Management Law, Finance and Business, Naryn State University

Commercial Institutions: Russian Kyrgyz Development Fund, Optima Bank, Demir Bank, KICB, Bai Tushum Bank, First MicroCredit Company, Kompanion Bank, Finca Bank:

Business enterprises, unions and associations: CBT Kyrgyzstan PA, CCI, C SR CA, Grundfos Export Service Partner (Kyrgyz Branch), Kurak; Association of Small Hydro Power Plants, Kyrgyz association of renewable energy sources; Agroplatform; JIA Business Association; Union of Architects of Kyrgyzstan, Association of cities of the Kyrgyz Republic; Association of masters AMETIS

Mass Media: Aiyl Demi Newspaper

Kazakhstan: Regional Environmenta Centre for Central Asia (CAREC), Viessmann Kazakhstan, Centre for Sustainable Production and Consumption, CleanTech Alliance,

Moldova: Gutta Club, Alliance for Energy Efficiency and Renewables

The Netherlands: Women Engage for a Common Future (WECF);

Norway: Energy Saving International AS (ENSI);

Poland: SST Consult

Russia: Konsenergo, Omsk Department of Education, SRK Consulting, Russian Regional Environmental Centre

Slovakia: Energy Center Bratislava, VVUPS NOVA Ltd. Research and Development Institute for Building Construction, Nawitas Aae Itd., Energy Consulting, Slovak Technological Platform, Europroject Service, A.s., EMERGE, Ltd., Regional Association for Nature Conservation and Sustainable Development (BROZ), CENNA, Amber Trail Greenways, Academia Istropolitana Nova, Dedak and Partners, Ecotoxicological Centrum Bratislava

USA: World Resource Institute, Tahoe Baikal Institute, Earth Island Institute, Alliance to Save Energy, International Association for Great Lakes Research, CUTS International

Tajikistan: Committee of Architecture and Construction, SUE Scientific
Research Institute "Construction and Architecture", Youth Group on Protection of Environment, Youth Ecological Center, Consumers' Union of Tajikistan, Little Earth;

Taiwan: Industrial Technology Research Institute, Taiwanese Green Trade Office.

Finland: Finnish Water Forum,

Switzerland: Factor3C AG, Velux Stiftung, Oecofacta

Ukraine: Energy Audit Group, CAN, National Ecological Centre of Ukraine, Meridian Factory

Czech Republic: Youth and Environment of Europe, Tereza NGO, Energy Consulting

# Our Team



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**NURILA OTUNCHIEVA** Good Governance Program Manager



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