



PROGRAMME FUNDED BY THE EU



Country Coordinators Informal Meeting
Impact Monitoring Ownership
KE2: Nikos Tsakalidis
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BUILDING PARTNERSHIPS FOR ENERGY SECURITY

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Overview of E & G Activities subject to Impact Monitoring (2013-2015)



	Regulatory Issues/Market Rules	Tariff methodologies	Harmonization of E and G standards	Cross-border Trade of E and G	Efficiency of E and G Infrastructure
	<ul style="list-style-type: none"> Vienna seminar 2013 RWP03 	<ul style="list-style-type: none"> Budapest seminar 2013 Tariff study 	<ul style="list-style-type: none"> Brussels seminar & London study tour (2013), Bonn study tour (2014) RWP05 	<ul style="list-style-type: none"> Brussels seminar 2013 	<ul style="list-style-type: none"> Venice conference 2013
AM	<ul style="list-style-type: none"> AM65, AM64/18, AM45 CWP01AM 	<ul style="list-style-type: none"> AM53 	<ul style="list-style-type: none"> AM63 		
AZ		<ul style="list-style-type: none"> AZ14 		<ul style="list-style-type: none"> AZ121 	<ul style="list-style-type: none"> GE74,75,76; AZ09 GE35/TJ27
BY	<ul style="list-style-type: none"> BY24 	<ul style="list-style-type: none"> CWP03BY 			
GE	<ul style="list-style-type: none"> GE80/81 CWP06GE 		<ul style="list-style-type: none"> GE33, GE118, CWP03,04GE 	<ul style="list-style-type: none"> GE122 	<ul style="list-style-type: none"> GE74,75,76; GE35/TJ27, GE37 CWP08GE, CWP09GE
KZ				<ul style="list-style-type: none"> KZ89,107,108 	
KG	<ul style="list-style-type: none"> KG113, KG112, KG114 				
MD	<ul style="list-style-type: none"> MD109, MD111 	<ul style="list-style-type: none"> MD110 	<ul style="list-style-type: none"> MD73 	<ul style="list-style-type: none"> CWP02MD 	
TJ			<ul style="list-style-type: none"> TJ132 (combined with GE118) 		<ul style="list-style-type: none"> TJ27 (combined with GE)
UA	<ul style="list-style-type: none"> UA68 CWP02UA 		<ul style="list-style-type: none"> CWP05UA 		
UZ				<ul style="list-style-type: none"> UZ117 (combined with KZ) 	<ul style="list-style-type: none"> UZ100

Impacts of selected Activities(1)



GEORGIA. Set up of National standardisation committee (TC) in the gas and electricity sectors

Activities	Short term impact	Medium to long terms impact	Indicators
<p>Through a workshop & training ITS supported the Min of Econ in the process of setting up the TC in line with the EU practice.</p>	<ul style="list-style-type: none"> The members of TC have sufficient knowledge to run the TC The Ministry sets up the TC which is functional Process of adoption of gas priority standards started 	<ul style="list-style-type: none"> Upgrade and modernisation of E & G infrastructure – increased safety of E & G infrastructure Easy business with EU companies (tendering process, simplified conformity assessment procedures, etc) - economical benefits Compliance with AA and DCFTA 	<ul style="list-style-type: none"> Knowledge rating before and after the workshop (average gain of knowledge 35%) Copy of Ministerial order setting up the TC. Adopted EU standards so far: 132 (G) and 235(E) – most of them are priority standards Number of contacts signed with EU E & G contractors in 2015, 2016 Improved quality of infrastructure (audit reports) Degree of compliance with AA and DCFTA (monitoring reports)

Impacts of selected Activities(2)



MOLDOVA, improved quality of service in E & G (MD109)

Activities	Short term impact	Medium to long terms impact	Indicators
<p>ITS assisted ANRE in improving the quality of service regulations in E and G distribution and supply areas. Proposed system of automatic compensation payments for non-compliance (reflected in the final bill)</p>	<ul style="list-style-type: none"> • Amendments done (by ANRE) to the Regulations on Quality of Electricity Distribution and Supply Services • Consumers' surveys measuring consumers' satisfaction and needs • The end consumers are able to get the compensation directly in their bill (for disconnection or bad service - increased consumers satisfaction, better quality of service 	<ul style="list-style-type: none"> • Improved quality of network and quality of Electricity and Gas • Increased investment in the E & G network 	<ul style="list-style-type: none"> • Amended Regulations on Quality of service issued by the Regulator & published. • Number of interruptions, voltage level, etc - SAIDI, SAIFI, MAIFI, AIT, ENS • number of consumer complains • Compensation amount paid to the consumers 2015, 2016, 2017

Impacts of selected Activities(3)



KYRGYZSTAN, *Compilation and analysis of the fuel and energy balance (KG113)*

Activities	Short term impact	Medium to long terms impact	Indicators
<p>ITS provided assistance in compilation and analysis of the fuel and energy balance through 3 training seminars on compilation, analysis and forecast of the fuel and energy balance in the short-term, mid-term and long-term perspective.</p>	<ul style="list-style-type: none"> Ministry officials gained sufficient knowledge on using the demand forecasting skills for development of energy balance and expansion plans Short term energy forecast produced Methodology for system expansion planning included in the Grid Code Ministry develops a Draft Strategy of Energy (short, mid and long term) 	<ul style="list-style-type: none"> Rational planning of investment and use of energy resources. Improved security of supply 	<ul style="list-style-type: none"> Knowledge rating before and after the workshop (average knowledge gain 30%) Min decree on adopted new energy strategy until 2035 Cost of production Reliability of E. supply (Number of Electricity interruptions)

Impacts of selected Activities(4)



Develop the model and the regulations on elimination of cross-subsidies in energy tariffs (electricity) with the support of the beneficiary (Ministry of Energy). CWP03BY

Activities	Short term impact	Medium to long terms impact	Indicators
<p>ITS will support the Ministry in development of the tariff system allowing in the long term for consumers to optimise their consumption according to their electricity requirements (day/night) taking into account the introduction of a nuclear power plant by 2020.</p>	<ul style="list-style-type: none"> An increased capacity of the Ministry's personnel to make preliminary calculations of new tariffs and update the tariff methodology; The Ministry has sufficient capacity to develop and implement the new differentiated tariffs system in Belarus; 	<ul style="list-style-type: none"> Consumers' consumption is optimised Reduction of final electricity bills due to optimised consumption – using more electricity at low price time periods and less at high priced time periods; Demonstrable peak shaving (load levelling during peak hours) and deferred investment in the development of electricity networks take place (peak shaving will reduce the need for new investments allowing the government to redirect funds for other purposes); 	<ul style="list-style-type: none"> Knowledge gain of the Ministry of Energy's personnel to make the calculations of the new tariffs, update the tariff methodology; Changes introduced into the existing tariff calculation methodology; New differentiated tariffs calculated; New tariff methodology is issued by the Ministry and approved by the government. The percentage of reduction of the average electricity bill for end consumers; Reduced consumption during the peak hours; Reduction in the number of interruptions in electricity supply.

Expected involvement of CC and CE in monitoring Impacts



- Review the ToR & final report of the completed activity
- Get familiar with the expected impacts, indicators and period of monitoring
- Liaise with the beneficiary on a regular bases and collect information on indicators
- Report to KE2 on a regular bases (template of monitoring report to be provided)

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Expected Dates & Deadlines



- Reporting on all impacts until March 2016
- More info on handouts

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