UNDP Deputy Resident Representative Farid Garakhanov Date

AGREED

Department for Energy Efficiency of Gosstandard of the Republic of Belarus National Director of the UNDP/GEF Project

Andrei Minenkov

Date 2, 82,14

ANNUAL PROJECT REVIEW 2013

Project Title: Improving Energy Efficiency in Residential Buildings in the Republic

Project ID: 77154 Year: 2013 Annual Targets: N/A		ייייקי פאייש בויסישי ייי זיכטישכווישו בשומווישי וויי זיכטישכוויש בייישיש בייסישכוויס ווייישיש בייסישכוויס ווייישישישישישישישישישישישישישישישישישי
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rgets:	Year:	2013
	Annual Targets:	N/A

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them online and offline.	prepare a curriculum and training materials for technical training workshops on energy audit of residential buildings, and publish	Based on the results of activity 1.2.1,	audit services in residential buildings in Belarus.	Based on the results of activity 1.2.1.5 above, update guidelines for improvement of energy				activity 1.2.1.3	Conduct energy audits of at least 5 residential	as per the procurement plans stipulated under activity 1.2.1.3.	specifications and equipment procurement plans for energy auditing residential buildings of different age and construction techniques. Acquire equipment accept to the techniques.	Prepare and approve action plans, equipment				based on the analysis as per activity 1.2.1.1 above, for improvement of energy audit services in residential buildings in Belarus.	Provide recommendations and draft a guidelines,		practices.	audit in residential buildings and determine gaps between the domestic and the best international	Conduct a critical analysis of existing	residential buildings based on the best domestic and international practices.	Develop guidelines for energy audit in	At least 50 completed energy audits providing information on factual energy consumption and energy balance of different type of buildings of different age and using different construction to be a second construction to be a se	and Construction and other relevant authorities in the course of conciliation and adoption procedures.	Provide on-going consulting services with regard to the submitted guidelines directly to the EE Department, Ministry of Architecture
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(ca. 70 copies) and disseminated among stakeholders for review and comm and presented at the training workshop (see below).	Fully implemented. The guidelines on energy auditing in residential building training materials and curriculum for technical training workshops have been prepared by the party.	organized and provided by the project. In 2014, the guidelines will be formal submitted for the conciliation and adoption procedures.	adjusted in line with results of monitoring of five residential multi-storey built in guidelines was first introduced as a curricular material for the residential multi-storey built in guidelines was first introduced as a curricular material for the residence.	Filly implemented. The post-odd in the control of t		In eentire energy audit will be completed by the end of heating period (Feb with a respective report.	unividual flat and analyzed in line with the IPMVP and modern "eeMeasure software. The same measurements are being conducted during the heatin	Party implemented. The project has started energy audits of five multi-sto buildings. During pre-heating period, all the five buildings have been monit all energy consumption parameters have been measured and collected per		Fully implemented. The project has procured all necessary equipment.	Fully implemented. The action plans, equipment specification and equipment or procurement plans have been discussed and approved. The corresponding has been issued and the tender process have been conducted in line with Rules of Procedure.		The draft has been also used while specifying and procuring energy audit equipment and performing energy audits of 5 residential buildings.	among project partners and DEE. The guidelines have been printed, writte (ca. 100 copies) and disseminated among stakeholders for review and one	containing the methodological guidelines have been prepared and dissemi	Fully implemented. The recommendations for improvement of energy aud residential buildings have been prepared by two local experts and an intenconsultant. Three reports have been issued and, based on these reports	applicable instrumental methods guidelines available nor descript	disseminated among partners and DEE. In particular, the reports stated h harmonization of national standards with corresponding EU standards, altiterms of energy audits of different types of residential buildings it was not these propriets.	two local and one international consultants. Two reports have been issue	Fully implemented. The critical analysis of existing international and domi practices for energy audit in residential buildings has been conducted and between the domestic and the best international.	disseminated among partners.	Fully implemented. A draft of methodological guidelines along with four re-	conducted as scheduled.	Energy audits of five residential buildings have been	the project involved developers (i.e., specialists of NIPTIS, Gradnograzh, and MAPID) in practical measures for a test implementation of these quit during energy performance monitoring and calculation of five residential the designed and constructed by these developers. The conciliation and adoly procedures concerning the methodological quidelines for energy performation and account of the designed and calculation will be conducted in the first quarter of 2014.	Consulting services are being routinely provided to the Project Partners, of DEE and other interested organizations (Oblast and Rayon level) in no

develop energy efficient buildings. The round table has agreed with the road suggested by the project. The roadmap and a list of suggested standards we published and disseminated in a form of CDs with a view to communicate will stakeholders when preparing ADWP-2014.					72100 - contract. serv. companies				Ю! пему салкивске гезовтна папандз	-
introduction of energy performance based standards in practice with a view to	100 0	600	100	600		10003	62000	000473	introductions of energy performance standards	nigioner
Fully implemented. A round table have been organized and held in Minsk on 18, 2013. About 60 representatives of stakeholders have participated. The to	100. 0	720	100	720	71300 - local consultants	10003	62000	000473	Organize a round table (ad-hoc meeting) to share and discuss existing practice of successful	1.5.1.2
characteristics of constitucion inflaterials and plans, promine for the characteristics, cumulative specific power inputs, combined durability, heat insulation interior walls, etc. The project suggested a roadmap for amending respective technical standards in 2014-2015 and presented it at the round tal (see below).	100	1 200	100	1 200	71300 - local consultants (translation)	10003	62000	000473		ala a la l
parameters of building envelopes, thermo-technical and homogeneity parameters of social managements and homogeneity because of prostruction materials and high in the specific heat hose		1 320	100	1 320	71300 - local consultants	10003	62000	000473	newly constructed residential buildings.	
rully implemented, the critical arialysis and descriptions of glybs between the charge efficiency standards and those exercised in EU have been conducted energy efficiency standards and those exercised in EU have been conducted project consultants and presented in two project reports. The principal distinct project consultants and presented in two project reports. The principal distinct project consultants and presented in two project reports.		2 425	100	2 425	71200 - international consultants	10003	62000	000473	Conduct critical analysis and evaluate gaps between national energy performance based standards and those of the EU applicable to	
Fully implemented. Drafts of text to formulate clauses in corresponding regular documents have been compiled to respond to missing requirements and indic in some of technical codes currently applied in building sector. Nine recommendations have been prepared and suggested for technical codes submitted for adoption, e.g. GOST EN 15217 "Energy Efficiency of Buildings submitted for adoption, e.g. GOST EN 15217 "Energy Efficiency of Buildings. Methods of Characterization of Energy Performance", Amendments to TKP 4t 43-2006 "Construction Heat Engineering, Design Norms", Amendments to TKP 2t 449-2010 "Thermal Insulation of Building". The Complex Programme for Development of Energy Efficient Construction, Reconstruction and Moderniza Residential Buildings in 2013-2015 and up to 2020. These documents are per approval and adoption process to be finalized in the first quarter of 2014. The map for 2014-2015 has been prepared and discussed with stakeholders along the list of other lacking standards based on project recommendations in order introduce provisions for integral regulatory framework harmonized with releval standards.								,	Draft the national energy performance based norms and standards for newly constructed buildings	1.5.1
Draft texts based on the energy performance general provisions elaborate the project have been prepared to revise some of national technical code and standards and submitted to relevant organizations with a view to adt these documents in 2014. Some of recommendations have been already incorporated in the technical codes submitted for adoption (GOST EN 15 "Energy Efficiency of Buildings. Methods of Characterization of Energy Performance", pending adoption in Jan 2014; Amendments to TKP 45-2.1 2006 "Construction Heat Engineering. Design Norms"; Amendments to TA 45-2.04-196-2010 "Thermal Insulation of Building"; The Complex Program for Development of Energy Efficient Construction, Reconstruction and Modernization of Residential Buildings in 2013-2015 and up to 2020, pen approval and adoption in Jan 2014). The road map has been prepared an discussed with stakeholders along with the list of standards based on precommendations to introduce provisions for integral regulatory framew harmonized with EU standards in the field of residential building construand operation.	ly constructed	dards for new	is and stanc	ased norm	ne initial focus on resi	d national dition with the	jor revisee	nsultations vrough a me	A finalized draft with related stakeholder consultations for revised national energy performance based norms and standards for newly constructed buildings and, as applicable, those going through a major renovation with the initial focus on residential buildings	Output 1.5
Fully implemented. The results of the studies above, have been presented in the reports containing practical recommendations and discussed during two international conferences organized and held by the Project. These recommendations, although being for general provisions, have been taken as principals for further design of three pilot energy efficient buildings and helped Project to prepare an RfP, ToR and technical specifications for a corresponding tender of designers.	100 0	840	100 8	840	71300 - local consultants	10003	62000 1	000473	Based on the results of analysis above, recommend the best applicable options for further development of district heating and hot water supply systems in residential areas.	1.4.2

The capacity building action plan for 2014 has been formulated on the basis of results of capacity need analysis and will be used for compilation of ADWP-2014 after approval by DEE.	s on	ning materi ns, includin	related tra	s and other new const	, guideline envisaged vn Internet	guides, handbooks plementation of the and the project's ox	upport the im ergy platform	fings to si based end	of new built	energy efficiency design and construction of new buildings to support the implementation of the envisaged new construction norms, including dissemination of this information through the internet based energy platform and the project's own Internet site	
Outcome 2: Ennanced capacity of the Belarusian specialists to implement and effectively enforce the new energy efficiency building standards and construction norms	iciency bu	energy eff	ce the new	ively enfor	ind effect	ists to implement	sian special	ie Belaru	pacity of the	Developed, published and disseminated et	Output 2.1
	37 841	78%	132 187	100%	170 028	Outcome 1 - total: 170 028)	
Programme for Development of Energy Efficient Construction, Reconstruction and Modernization of Residential Buildings in 2013-2015 and up to 2020. This document is pending approval and adoption process to be finalized in the first quarter of 2014. More recommendations, included in the roadmap, have been communicated to stakeholders pending approval of its integration into annual standardization plans.						71300 - local consultants				facilitating measures for energy efficiency improvement in such buildings.	DAA SELECTION OF THE SE
codes racilitating energy efficiency measures in housing under renovation. These recommendations have been incorporated in a dark tool of the control of the	0	100	1 320	100	1 320		10003	62000	000473	documents establishing new standards and	
Fully implemented. The results containing in a report and recommendations prepared by local and international consultants allow to improve existing technical	0	100	4 000	100	4 000	international consultants	10003	92000	0004/3	formulate design requirements with respect to energy efficiency in residential buildings under repovation along with drafts of regulations.	
roadmap suggested by the project. The roadmap and a list of suggested standards were published and disseminated in a form of CDs with a view to communicate with stakeholders when preparing ADWP-2014.						contract, serv			000475	Based on the results of activities 1 5 2 1-1 5 2 2	1.5.2.3
emicine existing legal and institutional framework to stimulate introduction of energy performance based standards in practice with a view to improve energy efficiency in buildings under operation. The round table has gone	0	100	2 175	00	27175	72100 -	c c	0	-	renovation.	PRINCE OF CHARLES AND COMMUNICATION OF THE CHARLES AND
Fully implemented. A round table have been organized and held in Minsk, About 60 representatives of stakeholders have participated. The topical area was how to	0	100	720	100	/20	71300 - local consultants		62000	000073	share and discuss existing practice of successful introductions of energy performance standards for residential building.	
project suggested a roadmap to amend existing methodologies.	C	100	7 200	5	NO 00	consultants (translation)		6000	27,400	Organize a round table (ad-hoc meeting) to	1.5.2.2
mainly methods of calculations with due regard of local climate, number of storeys, compactness, specific values (e.g., heating area), width, orientation, etc. The	0	100	1 320	100	320	consultants	10003	62000	000473		300 ¹ 294443224429429
Fully implemented. The critical analysis and descriptions of gaps between national energy efficiency standards and those exercised in EU have been conducted by project consultants and presented in two project reports. The gaps concerned	C	UOT	4 000	6	1	international consultants		83000	000473	between national energy performance based standards and those of the EU applicable to residential buildings under major renovations.	
2015 and up to 2020.		200	2 000	100	4 000	71200 -	10003	62000	000473	Conduct critical analysis and evaluate gaps	1.5.2.1
resistance to heart transfer, thermal balance, specific heat loss coefficient under combined accounting of energy for HVAC and hot water supply, admissible values for room and hot water temperatures, etc. Reports and recommendations have been published in a form of CDs, presented, discussed and agreed upon during a round-table, and these recommendations have been communicated to stakeholders for further approval and integration into 2014 annual standardization plan as well as into a draft text of the Complex Programme for Development of Energy Efficient Construction, Reconstruction and Modernization of Residential Buildings in 2013-											vermond consist of STR promoved in Authorities developed and access and access and access and access and access
Fully implemented. Drafts of text to formulate clauses in corresponding regulatory documents have been compiled to respond to missing requirements and indicators in some of technical codes currently applied in building sector. In particular, amendments have been suggested concerning requirements for calculations of	0					***************************************				based norms and standards for buildings going through a major renovation	
GOST EN 15217 "Energy Efficiency of Buildings. Methods of Characterization of Energy Performance", Amendments to TKP 45-2.04-43-2006 "Construction Heat Engineering. Design Norms", Amendments to TKP 45-2.04-196-2010 "Thermal Insulation of Building", The Complex Programme for Development of Energy Efficient Construction, Reconstruction and Modernization of Residential Buildings in 2013-2015 and up to 2020. These documents are pending approval and adoption process to be finalized in the first quarter of 2014. More recommendations, included in the roadmap, have been communicated to stakeholders pending approval of its integration into annual standardization plans.	0	100	1 320	100	1 320	71300 - local consultants	10003	62000	000473	Proff the positional agreement of the positional agreement	n v
Fully implemented. The results containing in reports and recommendations prepared by local and international consultants allow to improve existing technical codes facilitating energy efficiency measures in new constructions. Nine recommendations concerning energy efficient building performance requirements have been prepared and suggested for technical codes submitted for adoption, e.g.	0	100	4 000	100	4 000	71200 - international consultants	10003	62000	000473	Based on the results of activities 1.5.1.1-1.5.1.2. formulate design requirements with respect to energy efficiency in newly constructed residential buildings along with drafts of regulatory documents establishing energy performance based standards and facilitating developments of the page of the property of the page of the property of the page of the	

Carry of the Carphaly needs assessment of a treat of machine calculation and experience in the machine calculation of the property in the field of with the machine calculation of the property in the field of with the machine calculation of the property in the field of with the machine calculation of the property in the field of with the machine calculation of the property in the field of with the machine calculation of the property in the field of with the field of the property in the field of with the field of the property in the field of which the field in the field in the field of the property in the field of the	i de l'accession de l	0	100	21 300	100	21 300	71600 - travel	0000	1			
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Curry out the Cappoich needs assessment of all reviews in this processor and at the second subsholokes and s	ifficiency and leaders of relevant is attack.		77	500	100	2 240	71300 - local	00012		000473		
Curry of the Europeicy Preside assessment of all research in the field only see an animology field repaicly in the field only see animology field repaicly and building dating from the field on the market recovery finded and building dating from the field only see animology field on the field of the field only see animology field on the field of the field only see animology field on the field of the field only see animology field on the field of the field of the field on the field of the field	Architecture and Construction, developers from project partner's organization		100	480	100	480	consultants				contains to resideritial buildings.	
Cum of the property reaches assessment of early depends of the property of t	angaged. The respective PMU staff and top officials from DEE Ministry of						consultants	10003		000473	standards to residential building	
Cultify of the baptically needs assessment of perfect capacity in large groups in common place (separaty in large groups) and balleting organization of all the perfect of capacity in large groups and perfect of capacity in large groups in perfect of capacity in large groups, including adelogiated to perfect of capacity building pation plan for different timing groups, including adelogiate for capacity building pation plan for different timing adelogiate for capacity building pation plan for different timing adelogiate for capacity building pation plan for different timing adelogiate for capacity building adelogiate for capacity building adelogiate for capacity building adelogiate for capacity in the capacity building adelogiate for capacity in the capacity building adelogiate for capacity building delogiate and building adelogiate and building	rully implemented. Study tours in Germany and Austria have been organization underted. To implement this activity one international consultant has been		-	Č			international	······································			devoted to the best existing practice in	
Curror of the property in the capacity in all relevant silent-bries and general property and property in the capacity in the capacity in the property of control and property in the propert	11.		11/	5 586	100	4 906	71200 -	10003		000473	country(ies), selected as per activity 2 s :	
Curity out the clapacity needs assessment of clarify out the clapacity needs assessment of all recovery acknowled specify writing a court pack of the property in the place of the place of the property in the place of the plac	DEE.						(translation)				Organize study visits in appropriate Fig.	2.8.2
Curry out the clarity necks assessment of all received unions askerbolders and specify writing all received unions askerbolders and specify writing and central price in the clarity energy improvement of the property in the industry in provide and property in the clarity of the property of the clarity of the property of the clarity of the property of the property of the curricular of all key Belarustian universities of the property of the prope	plans for forthcoming events and study visits have been prepared and com-		0		100		consultants	000			environmentally sustainable building	
Curry out the clarity needs assessment of all releases and specify writing a greatly in the letter of enemy efficiency improvements of a season of the protection of the pro	consultants DEF project padpage and discussed with project inte					L	consultants	10003		000473	dedicated to energy efficient and	
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all relevant scherolders and specifive and prove a last season and of early and the capacity in the deposity and scherolders and specifive and prove a last scenarios. In the capacity in the field of early efficiency improvement of passed on the results reserved under activity. 2.1, repaire, discuss and approve a last specy and solutions and events. 2.2 New courses on integrated building design and building early and or for different and prove and at least 200 students have passed these new courses by the end of the project. 2.3 New courses on integrated building design and at least 200 students have passed these new courses by the end of the project. 2.4 New courses on integrated building design, or consultants of different relevant Beharusian universities and several posses in expendition process related to integrated energy efficient building design. 2.5 Occasionation process in adequate to integrated energy efficient building design. 2.5 Occasionation process in adequate to integrated energy efficient building design. 2.5 Occasionation process in adequate to integrated energy efficient building design. 2.5 Occasionation process in adequate to integrated energy efficient building design. 2.7 Occasionation process in adequate to integrate the energy efficient building design. 2.7 Occasionation process in adequate to integrate energy efficient building design. 2.7 Occasionation process in adequate to integrate energy efficient building design. 2.7 Occasionation process in adequate to integrate energy efficient building design. 2.7 Occasionation process in adequate to energy efficient building design. 2.7 Occasionation process in adequate to energy efficient building energy efficient and environmentation and design of the energy efficient building energy efficient buil	and racilitating energy efficiency measures in national housing.										Monitor and cooperate with other	2.8.1
all elevent istendedes and specify various in the capacity in the field of energy efficiency improvement of the field of energy efficienty in improvement of the field of energy efficienty interesting action plant capacity in the field of energy efficienty interesting action plant capacity in the field of energy efficienty interesting action plant capacity building action plant of different larget groups, including schedules for different larget groups, including schedules for different larget groups, including schedules for different larget groups, including action plant of energy efficients and building engineers and at least 200 students have passed these new courses by the end of the project constitution and operation. New courses on integrated building design and building energy efficients building energy efficients building energy efficients have passed these new courses by the end of the project constitution and operation. Occurrent sevent Belantism universities with a view of revealing possible gaps and binding design, or advantage of the energy efficient building design, or advantage of the energy efficient building design. Occurrent sevent Belantism universities and building design, or advantage of the energy efficient building design, or advantage of the energy efficients relevant operation. Organize a nund table (ad-hoc meeting) to discuss relevancy of ever universities. Occurrent sevent exception of the energy efficients and deaft ToRs selected relevant universities. Occurrent sevent exception of the energy efficients and deaft ToRs selected of the energy efficients and deaft ToRs selected relevant universities. Occurrent sevent exception of the energy efficients and deaft ToRs selected relevant universities. Occurrent sevent exception of the energy efficients and deaft ToRs selected exception of the energy efficients and deaft to energy efficients and environmentally sustainable building construction.	buildings. As a result, they recommended activities intended for prom											
all relevant islandisters and selected process of manufacture properties of manufacture process of manufacture pro	regard to design, construction and operation of energy officiant residu											
all relevant stakeholders and specify needs assessment of larget groups for enhancing their opacity in the field or entry efficiency improvement of larget groups for enhancing their opacity in the field or entry efficiency improvement of larget groups for enhancing their opacity in the field or entry efficiency improvement of larget groups for enhancing their opacity in the field or entry efficiency improvement of larget groups for enhancing their opacity in the field or entry efficient building a constituting and expensive state of the field or entry efficient building action plant of different larget groups, included a find the curricula of all key Belarusian universities of confocic critical analysis of curricula of all different relevant Belarusian universities of different relevant Belarusian universities with a view of revealing possible gaps and different relevant possible gaps and critical energy efficient building design, construction and operation, construction and construction and operation, construction and constr	standards and polycles exercised in two leading standards are polycles exercised in two leading standards are provided that is a standard with legal framework.											
all relevant stakeholders and specify various is a particular of seasonment of state capacity in the field of energy efficiency improvement of the field of energy efficient building and provide and specify and state of the sta	operation. The visitors have become acquainted with the life of the contraction and											
all relevant stakeholders and specify variety appearly in the field or energy efficiency improvement of the field or energy efficiency includes do advantaged proups, including design and building engineers and at least 200 students have passed these new courses by the end of the project of the proje	efficient and environmentally sustainable building											
In clary out the capacity needs assessment of a specify various in age groups for enhancing their capacity in the field or energy efficiency improvement of the field or energy efficient or improvement of the field or energy efficient proposed the field of the curricula of a capacity building action plan for different larget groups, including design and building design and building design and building design and events. 2 New courses on integrated building design and building design and building action process related to integrated personnel Belanusian universities and events. 2 New courses on integrated building design and events have passed these new courses by the end of the project consultants are proposed threat new courses by the end of the project consultants are proposed threat new courses by the end of the project consultants are proposed threat new courses by the end of the project consultants are proposed threat new courses by the end of the project consultants are proposed to the project consultants	study visits and three interests and decision-makers participated in	2000					truction	lding consi	inable bui	many susta	of the state of th	
all relevant stakeholders and specify varied approvement of larger groups for enhancing their capacity in the field of energy efficiency improvement of larger groups for enhancing their capacity in the field of energy efficiency improvement of larger groups for enhancing their capacity in the field of energy efficiency improvement of larger groups for enhancing their capacity in the field of energy efficiency improvement of larger groups for enhancing their capacity in the field of energy efficiency improvement of larger groups, including and approve a classas and approve a classas and approve a classas of the field and the field approve a classas of the field into the curricula of all key Belarusian universities and building energy efficiently included into the curricula of all key Belarusian universities and building design and building energy efficiently included into the curricula of all key Belarusian universities and building design. Onod-73 62000 10003 71300 - local consultants To consultants	Two the Dalace	afives	ational initia	other intern	eration with	оп со-оре	ns learnt by building	and lesso	Knowledge	atally suct	promoting energy efficient and environment	
Carry out the capacity needs assessment of all relevant stakeholders and specify various the indicates and specification of the results beginning action plan for different larget groups, included name activity and the proper and prove a capacity building activities and events. New courses on integrated building design and building explaines and at least 200 students have passed those new courses by the end of the project various of integrated portions and at least 200 students have passed those new courses by the end of the project various integrated possible apps and discuss relevant possible agaps and discuss relevancy of new universities. Organize a round table (de-hoc-meeting) to 000473 62000 10003 71300 - local onsultants for education process in selected conversities. Organize a round table (de-hoc-meeting) to 000473 62000 10003 71300 - local onsultants or 1000 100 1200 100 100 100 100 100 100 1	stakeholders as to content of teaching aids.									ahan a	Other required training, networking and or	utput 2.8
Carry out the capacity in the capacity in the capacity in the state of a seesement of all relevant stakeholders and specify various the field of energy efficiency improvement of the soults received under activity. Doubt of a seed on the results received under activity of the results received under activity. Doubt of the security of the results received under activity. Doubt of a seed on the results received under activity. Doubt of a seed on the results received under activity. Doubt of a seed on the results received under activity. Doubt of a seed on the results received under activity. Doubt of a seed on the results received under activity. Doubt of the security of the seed of the seed on the results and approve a seed of the seed on the results and approve a seed of the seed on the results and approve a seed of the seed on the seed of the seed on the seed of the seed on the seed of the seed	adopted in 2014, and the project will receive necessary indications from											
Carry out the capacity needs assessment of large groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. 2	quarter of 2014 for review and approval It is foreseen that these motion in the It				*************		consultants					
Carry out the capacity needs assessment of convergence of the project received under activity in the field of energy efficiency improvement of residential buildings. 2	Ministry of Architecture and Construction and Ministry of Education is the		***************************************	***************************************		=	71300 - loca		•			
Learly out the capacity needs assessment of all redwarf stakeholders and specify various traget groups for enhancing their capacity in the field of energy efficiency improvement of the results received under activity provided in the results and building action plan for different target groups, including action plan for different target groups, including action plan for different relevant begroups and building energy efficiency included into the curricula of all key Belarusian universities and building energy efficients have passed these new courses by the end of the project. Visual Conduct critical analysis of curricula at least 200 students have passed these new courses by the end of the project architectural analysis of curricula at least 200 students have passed these new courses by the end of the project. Visual Conduct critical analysis of curricula at least 200 students have passed these new courses by the end of the project. Visual Consultants Visual C	account stakeholders' comments above. To be and lock are being revised taking		•			•					selected relevant universities.	
clarry out the calacity needs assessment of all relevant stakeholders and specify various the field of energy efficiency improvement of the field of energy efficiency including action plan for officience that the field of energy efficient that the field energy efficient that the field energy efficient that the f	Partly implemented. The recommendation when preparing ADWP-2014.	0	100	1 200	100	1 200		10003	92000	0004/3	for updating and adjusting curricula of	
clarry out the capacity needs assessment of all reverbal target groups for enhancing their capacity in the field of energy efficiency improvement of residential building schedules and approve a capacity building action plan for different larget groups, including schedules for different measures, activities and events. 1012.2 New courses on integrated building design and building energy efficiency included into the curricula of all key Belarusian universities and deficiencies in education pages related to the orientation process related to integrated energy efficient building design, construction and operation. Organize a round table (ad-hor orneeting) to discuss relevancy of new universities. Ondard 3 62000 10003 71300 - local into the curricula of all key Belarusian universities and deficiencies in education process related to integrated energy efficient building design, construction and operation. Organize a round table (ad-hor orneeting) to discuss relevancy of new university courses of the curricula of the project of revealing possible gaps and building design, construction and operation. Organize a round table (ad-hor orneeting) to discuss relevancy of new university courses of the curricula of the project of the construction and operation. Organize a round table (ad-hor orneeting) to discuss relevancy of new university courses by the order of the project of the curricula of the project of the curricula of the project of the project of the curricula of the project of the curricula of the project of the project of the curricula of the project of	among stakeholders in a form of CDs with a view to receive indications fror									25,000	Prepare recommendations and draft Tops	2.2.3
clarry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. 2	suggested university courses and the ToR have been published and disser						companies					
lall relevant slakeholders and specify various the field of energy efficiency improvement of residential buildings. 2. 1.1, prepare, discuss and approve a capacity building cation plan for different target groups, including schedules for different transpersion including schedules for different transpersion including schedules for different relevant building design, constituction and operation. 2. New courses on integrated building design, construction and operation. 3. Conduct critical analysis of curricula of different relevant building design, construction and operation. 4. Conduct critical analysis of curricula of different relevant building design, construction and operation. 5. Construction and operation. 5. Organize a round table (ad-hor meeting) to discuss relevancy of new universities. 6. Conduct relical process in selected to integrated building design, construction process in selected 6. Conduct relication process in selected 6. Conduct r	has agreed with the recommendations and ToR suggested by the project						companies					
all relevant statishenolders and specify various residential building stream that property and the field of energy efficiency improvement of the field of energy efficiency in the field of energy efficients in education process related to integrated energy efficient building design, construction and operation. Organize a round table (ad-hoc meeting) to discuss relevancy of new university courses for education process in selected O00473 62000 10003 71300 - local on the curricular of the project of	development, construction and operation of residential buildings. The	•					/2100 -					
eli relevant stakeholders and specify various larget groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity of the energy efficiency improvement of spacety building action plan for efferent target groups, including schoolders or different target groups, including schoolders and approve a capacity building action plan for effectent target groups, including schoolders or different target groups, including schoolders or different measures, activities and events. New courses on integrated building design and building energy efficiency included into the curricula of at least 200 students have passed these new courses by the end of the project of different relevant belarusian universities with a view of revealing possible gaps and deficiencies in education process related to integrated energy efficient building design, construction and operation. Organize a round table (ad-hoc meeting) to discuss relevancy of new university courses of the energy efficient process in selected universities of the energy efficient process in selected universities of the energy efficient process in selected on process in selected on the energy efficient process in selected on process in selecte	energy efficiency improvement principals approach a facilitate introductic	-120	120	-								
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carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.1.1, prepare, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events. Ut 2.2 New courses on integrated building design and building energy efficiency included into the curricula of all key Belarusian universities with a view of revealing possible gaps and deficiencies in education process related to integrated energy efficient building design, and building design, consultants. 1 200 100 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 0 0 1 200 1000 1000 0 0 1 200 1000 1000 0 0 1 200 1000	recommendations for relevant university curricular updates have been draf			*******							Organize a round tobb (23 C	2.2.2
clarry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.11, preparts, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events. Ut 2.2 New courses on integrated building design and building engineers and at least 200 students have passed these new courses by the end of the project different relevant Belarusian universities with a view of revealing possible gaps and deficiencies in education process related to consultants 1200 100 0 1200	and disseminated among stakeholders in a form of CDs. Based on the ren						COLOCICIENT			*******	Construction and appears building design,	
clarry out the capacity needs assessment of all relevant stakeholders and specify perious starget groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.1.1, prepare, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events. Ut 2.2 New courses on integrated building design and building engineers and at least 200 students have passed these new courses by the end of the project with a view of revealing possible gaps and with a view of revealing possible gaps and started the started and possible gaps and started the started and possible gaps and started the started t	updating have been presented in a project report. The report has been put					<u>ĝ</u>	consultant				deliciencies in education process related to	
clarry out the capacity needs assessment of all relevant stakeholders and specify end of the project of the field of energy efficiency improvement of residential buildings. Based on the results received under activity capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity capacity building action plan for different target groups, including schedules for different measures, activities and events. Were courses on integrated building design and building energy efficiency included into the curricula of all key Belarusian universities and universities Onduct critical analysis of curricula of different relevant Belarusian universities Onduct critical analysis of curricula of one one of the project of the pr	universities has been conducted and the proposals for its improvement of				•		71300-17				with a view of revealing possible gaps and	
clarry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.1, prepare, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events. Ut 2.2 New courses on integrated building design and building energy efficiency included into the curricula of all key Belarusian universities educating Conduct critical analysis of curricula of 000473 62000 10003 1200 1000 0 1200	Fully implemented. The critical analysis of curricula of different roles and the	-775	165	1 975		007. L					different relevant Belarusian universities	
carry out the capacity needs assessment of all relevant stakeholders and specify various larget groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 22.1. prepare, discuss and approve a capacity building action plan for different diarget groups, including schedules for different measures, activities and events. New courses on integrated building design and building energy efficiency included into the curricula of all key Belarusian universities educating	updated and adjusted technical university curricular			8	of the proje	y the end	mese new courses b	10003	62000	000473	Conduct critical analysis of curricula of	2.2.1
carry out the capacity needs assessment of all relevant stakeholders and specify various larget groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.1.1, prepare, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events. New courses on integrated building design and	The recommendations and ToR have been drafted for facility	cating		rusian unive	all key Bel	irricula of	y included into the ci	y eniciency	udents ha	least 200 st	architects and building engineers and at	
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of Based on the results received under activity 2.1.1, prepare, discuss and approve a capacity building action plan for different target groups, including schedules for different measures, activities and events.	N Transition		i							n and built	New courses on integrated building desi-	Output 2.2
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of Rased on the results received under activity 2.1.1, prepare, discuss and approve a Capacity publiding action plan for different target groups, including action plan for different target groups. Including action plan for different target groups.		-1	***************************************			VI	consultant				different measures, activities and events.	
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 2.1.1, prepare, discuss and approve a capacity building action process. Capacity building action process. O00473 62000 10003 1 200 100 0 0 1 200	and discussed with DEE specialists and other stakeholders.				••••	砬	71300 - lo				target groups, including schedules for	
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings. Based on the results received under activity 000473 62000 10003 1200 1200 1200 1200	Fully implemented. The capacity building action plan for 2014 have been c	1 200									capacity building action plan for different	
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of residential buildings.						1 200			62000		Based on the results received under activity	2.1.2
carry out the capacity needs assessment of all relevant stakeholders and specify various target groups for enhancing their capacity in the field of energy efficiency improvement of the field of energy efficiency in the field of energy efficiency	stakeholders						Consultati				residential buildings.	
carry out the capacity needs assessment of all relevant stakeholders and specify various of 1200 1000 1200 1200 1200 1200 1200 120	their capacity building have been conducted and the results have been pul					, <u>5</u>	/1300 - lo			<u>, _</u>	the field of energy efficiency improvement of	
Carry out the capacity needs assessment of 000473 62000 10003	Fully implemented. The analysis of target groups along with assessment or	1 200		C			1			<u> </u>	all relevant stakeholders and specify variou	
	The state of the s			5		1 200					carry out the capacity needs assessment o	!

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and approactics.	energy perioritative building design principles and taking into account applicable energy efficiency improvement technologies and approaches	selected demo sites based on integrated	space-and-planning parameters, other technical and design solutions for the	suggest and justify applicable building	000000000000000000000000000000000000000		***************************************			customer properties expected.	and HVAC system requirements along with	energy, heat and hot water consumption.	focusing on the number of flats and tenants	of notential constructions at the demo sites	Carry out respective studies of baseline														may be uniqued and approaches for meeting the HVAC needs of those buildings in a most energy and cost efficient way	rivalized background studies for and design of the selected demo buildings by applying integrated building design principles and taking into account new fechnologies and approaches for mostly the links.	Ourcome 3: Demonst		17867				UNDP projects.	implementation of study visits to similar	and decision-makers in organizing and							ķι	participation in at least three international	specialists and decision-makers in their
0004/3	000473	47.0	27,000	000473			000473	000473		0	000473	0004/3	000		000473														ung the HVA	gn of the sel	rated energy					0	000473		000473		000473	277000		000473		000473		
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71600 - travel	71300 - local consultants (translation)	consultants	consultants	71200 - international	companies	contract serv.	70400	71600 - travel	(translation)	consultants	Consulants	71300 - local	consultants	international	71200 -														ngs in a most ener	applying integrat	ntial of new ener	Outcome 2 - total:		2000	71600 - travel			consultants	71300 - local		71600 - trave	(translation)	consultants	71300 - local	consultants	71300 - local	consultants	into the state of
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		pilot buildings in Minsk and Grodno and discussed with project partners.	planning parameters, other technical and design solutions, which includes inter alia renewable energy technologies, have been suggested in five project reports for two	Fully implemented. Based on the results of baseline study above, the space-and-				discussed with project partners.	efficiency improvement measures, have been presented in two reports and	year and other input data needed for further design and developemt of energy	alia data concerning baseline energy consumption rate of about 60 kW-h/sq.m per	along with customer properties expected. The results of this study, including inter	tenants, energy, heat and hot water consumption, and HVAC system requirements	engineering characteristics of two pilot buildings focusing on the number of flate and	Filly implemental. The series	be finalized in the first quarter of 2014.	develop its part of the design and construction documents. This pathisk will	baseling designs for those silet building partners have been started	Relativisian dovolonos. The maintaint and the signed with NIP IIS, the leading	the said services. The contract has been sized with METIC to provision of	tender and selected a developer which mould be prepared and conducted a	specifications for the services concerning design of techniques, installations	these developments, the project has compiled RfP, ToR and technical	consumption of the buildings at least by two times. Based on the results of	renewable energy technologies, in order to reduce heat and power	formulated other technical and design solutions, which include inter alia	planning parameters, selected the most cost-effective performance,	characteristics intended for two pilot buildings and suggested space-and-		Three sites for pilot projects have been finally identified and approved by the	Outcome 3: Demonstrated energy and cost-saving potential of new energy efficiency measures in at least three new residential buildings in two Belarusian cities	politikali podialista ili 2014.	visits of some selected projects, an agreement has been reached as to preparation for	Meeting reports with recommendations for further cooperation have been compiled	improvement in housing (e.g., Kazakhstan, Georgia, Croatia, Northwest Russia).	discuss with specialists and experts of several UNDP projects for energy efficiency	provided to DEE, project experts and some of the project partners to meet and	and outcomes, current implementation status and achievements) has been	Partly implemented, Informational support (project briefs, topical areas, phiecticas	available practices and technologies, data on the leading Belarusian companies and	efficiency enhancement standards and design solutions, data concerning best	Belarusian residential sector and national policy for their removal, basic energy	energy efficiency improvements and renewable energy development in the	The topics covered by the said informational support included, inter alia, barriers to	decision-makers to assist them in taking active part in three international events	nresentations have been accounted and torouted in housing. In particular, five	Partners, specialists of DEE and other interested organizations (Oblast and Rayon level) in the field of control of the field of t	Fully implemented. Consulting services are being routinely provided to the Project

	28 528	86%	173.910	100%	202 438	Outcome 3 - total: 202/438	Out				
	-32	0	32	100	0	74500 - Bank fee	10003	62000 1	000473	Dalik Glaiges	
						companies				activities and events in 2014-2016.	
	0 /86	100	5 000	100	5 000	72100 - 11900	10003		000473	construction of the demonstration sites	m tennedad
				3	087	71600 - travel	0003	62000 1	000473	approve action plans for design and	i de la compa
To be completed in the first quarter of 2014.	5 400	0		100	5 400	71300 - local	10003	62000 1	000473	Based on the results received under activities 3.1.1-3.1.6, prepare, discuss and	3.1./
						companies	-115			part of construction documents.	1
						contract. serv.				chosen, coordinate and complete a relevant	inan formatsings
	C	OUE	02 449	Ö	644 70	72100 -	000	~~~		energy efficiency improvement of at least	AN PROPERTY.
	987	0		100	-	71600 - travel	10003	62000 1	000473	techniques, installations and equipment for	Detuction.
To be completed in the first quarter of 2014.	5 640	0		100	5 640	71300 - local consultants	10003		000473	3.1.5, implement all necessary	
						companies				Board or the smaller of the state of the	بر م
	c	č				contract serv					e de la companya de
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2014.		100	240	100	240	71300 - local	10003	62000	000473	potential equipment manufacturers and	************
proposed in the design options said above. To be completed in the first qu	5 400	0		100	5 400	71300 - local	10003	62000	000473	and installations needed and determine	no secol
with the NIPTIS (the developer selected through the tender process). The specifications is being drafted with preliminary parameters of the equipment						consultants				improvement as per activity 3.1.4, provide	NA ANDRONOMICA
Partly implemented. The pre-development design have been started in coc	0	100	1 476	100	1 476	71200 -	10003	62000	000473	measures for energy efficiency	ა. 1. ე
						companies					3
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	0 /86	100	26 500	100	26 500	77400 - 11440	10003		000473		2004-00 MARION
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options will be made in the first quarter of 2014.				ò	2	consultants	10003	00000	000473	ballaniys chosell as a result of activity 3.1.3	CZ XT OVANIA
and hot water supply system based on solar heating panels. Final choice o	5 640	0		100	5 640	71300 - local	10003	62000	000473	improvement of the three residential	10/7369E066
particular several design options have been considered, calculated and pro						consultants				equipment for energy efficiency	
Partly implemented. Some of the preconstruction simulations have been partly implemented. Some of the preconstruction simulations have been partly implemented through the trader of	0	100	1 476	100	1 476	71200 -	50001	02000	000473	exploratory designs of measures,	
						companies			200	Develon preconstruction simulations and	314
						contract, serv	*********				okkionen
	-50	100	11 550	100	11 500	72100 -	10003	62000	000473		directory (see
	656	34	331	100	987	71600 - travel	10003	-	000473	paseline design.	Marketon.
						consultants (translation)				customer properties stipulated in the	
buildings in the Republic of Belarus".	0	100	240	100	240	71300 - local	10003	62000	000473	unit area along with keeping the same or leven improved comfort conditions and	
"Development of design and construction documentations for techniques, installations and equipment for energy efficiency improvement of two recidings."	745	87	4 895	100	5 640	71300 - local consultants	10003	62000	000473	minimal possible energy consumption per	A TOTAL CONTRACTOR
incorporated into RfP, ToR and technical specifications for the services						consultants			000110	performance for the demo projects with	
Fully implemented. The most cost-effective performance of two pilot buildir been suggested in three project reports, discussed with project partners are	0	100	1 476	100	1 476	71200 - international	10003	62000	000473	Provide least-cost analysis of the options suggested in activity 3.1.2 and choose the	نن دن
						companies					
	0	100	11 500	100	11 500	72100 -	10003	92000	0004/3		***************************************
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Output 4.1	Developed and published public awareness raising materials and completed nation-wide awareness and information campaign advocating the benefits of energy efficiency measures in new buildings, including economic, social, health, environmental and aesthetical aspect and also addressing the	ss raising ma Idings, includ	iterials and co	mpleted nation- , social, health,	wide awaren	ness and in less and aes	formation thetical as	campaign a	oviding a l	he benefit	
4.1.1	Organize and carry out an ongoing	000473	62000 10003	חמ	71400 -	Iean	2)		1 10	published.
Miniminist et accusa	information campaign (interviews, press- releases, etc.) about the Project activities	0		*****	contract serv.	500	100	600	100	0	Fully implemented. During 2013, two project briefs and four press-releases have been published, six interviews have hear given to too press-reposite and
4.1.2	Prenare and muhich hand books longists.				individ.						specialized magazines, 25 papers and articles and 4 news announcements have been issued and one pressurprise has been experied.
MANAGER WALLES	brochures, etc. for professionals about the	0,4000			/1300 - local consultants	1 550	100	1 500	97	50	Fully implemented. A brochure for professionals about the best practices concerning enemy efficiency improvement in residential trailing.
	improvement in residential buildings.	000473	04000 00012		74200 - audio & video prod.	3 660	100	1 000	27	2 660	profereades and designers and handed over to a publisher. To be published by the end of 2013.
. . 	brochures, etc. for professionals about the	000473	62000 10003		71300 - local consultants	950	100	950	100	0	Fully implemented. A brochure for professionals about the best practices concerning
	residential sector.	000473	04000 00012		74200 - audio & video prod	3 660	100	1 500	41	2 160	disseminated among project partners, developers, decision-makers and students.
- - -	brochures, etc. for general public about the	000473	62000 10003		71300 - local consultants	1 200	100	1 200	100	0	A material for general public about the best practices concerning energy efficient
	nest practices concerning energy efficient management of households.	000473	62000 10003		71400 - contract. serv. individ	500	100		0	500	submitted to a proof-reader. It will be published in 2014.
- Otto for house		000473	62000 10003		72400 - communicat	0		105	0	-105	
7 7	n popperation with the Minister of	000473	04000 00012		74200 - audio & video prod.	4 650	100	2 000	43	2 650	
articit identi del massacción	Education and the EE Department, provide	000473			71300 - local consultants	360	100	360	100	0	Fully implemented. A support has been provided for 2012-2013 "Energy Marathon"
MARCON POLICE	Marathon" Republican Contests.	000473	62000 10003		74200 - audio & video prod.	1 500	100	1 513	101	-13	Contest's materials have been prepared, published and disseminated in 500 CDs
Output 4.3	Fully mandated and capacitated state agency with a responsibility to monitor the energy savings and CO2 emission	ncy with a res	62000 10003	monitor the ene	71600 - travel	330		330	100	0	annong sensors recevant universities and the Ministry of Education.
4.3.1	Duildings, together with the agreed procedures and interagency agreements for compiling the required primary data Conduct a critical analysis of the existing and 15000	dures and inte	eragency agre	ements for com	piling the rec	quired prim		on contained and outer		and outer	Lyan recommendations for an institutional framework of the national energy conservation and GHG reduction MRV system in the construction sector have been prepared and discussed.
ISSONADANA AND ESTANDOR OF ELECTRIC STATES	national institutional system and procedures for monitoring, reporting and verification of the energy savings and GHG emission reductions in the construction sector.	:			consultants	0.000	C	3 000	100	0	A report with preliminary recommendations for institutional system and procedures for monitoring, reporting and verification of the energy savings and GHG emission reductions in the construction sector has been prepared and discussed with specialists in DEE and Climate Change Division of the Ministry of Natural Resources and Environmental Protection.
Output 4.6	An International conference on energy efficiency in residential sector held in Belarus, including a field visit to the pilot demonstration sites and coordination with other UNDP/GEF building energy efficiency projects.	ciency in resi	dential sector	held in Belarus	, including a	field visit	to the pilo	t demonstra	tion sites a	D.	Three International Conferences on best practice in energy efficiency
7 7	Occident with other under/set building energy-efficiency projects	g energy-em	siency project	o o							Improvement in residential buildings have been organized and held in 2013. More than 500 participants have received knowledge and information and have had opportunity to discuss about the best practices and policies exercised in Western and Eastern Europe, Russia and Ukraine in the field of design, construction and operation of the energy efficient buildings.
	or Julyanize an international seminar (or a separate conference session) on "Best Practice in Energy Efficiency Improvement in Residential Buildings" under the consistency in the service of the servic	000473			71200 - international consultants	3 800	100	3 800	100	0	Three International conferences have been organized and held on the best practice and policy in energy efficiency improvement in residential buildings under the austrices of the Project and in consecution with the DEF Michael and the design of the Project and in consecution with the DEF Michael and the design of the Project and in consecution with the DEF Michael and the Project
	of the Project and in cooperation with the	000	02000		71300 - local consultants	1 200	100	1 200	100	0	and Construction, UNDP and Austrian Energy Agency. The conferences attracted
Piekono des an	EE Department, UNDP and other similar	000473	62000 10003		/el	980	100	1 197	122	-217	more than 500 participants from eight countries who have received new knowledge,
	projects.	000473	62000 10003			2 700	100	1 922	71	778	current information and timely opportunity to discuss about the best practices and policies exercised in Western and Eastern Europe, Russia and Ukraine in the field of design, construction and operation of the energy efficient buildings.
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proving a respective adjustment of intervention approaches of the Project suggested in the Project Document.	Urganize an Inception Seminar to present and discuss the Inception Stage Report describing the new baseline situation and		suggested in the Project Document.	report describing the new baseline situation and proving a respective adjustment of intervention approaches of the Bostonian	Compile and present an inception stage	construction techniques, materials, design arrangements, renewable energy	baseline data on legal and institutional framework, technical standards.	of collecting and analyzing current actual	the required next steps		on this basis, draft a 2013 report on market monitoring for new residential building construction with the emphasis on energy efficiency and GHG emission aspects.	and respective GHG emissions of different residential buildings introduced in the housing construction market in 2012			7.00	TO THE PROPERTY OF THE PROPERT	Launch the Project Mehoire	develop its HTML version. Develop the Project Website prototype version.	Prepare the Project Website's infological architecture and design of the user interface, and	Develop and launch the Project Website.	provider) and legal provisions for linking to the Energy Efficiency Platform.				
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consultants have prepared and presented their views on the project strategy. Approx. 70 participants including project stakeholders and partners attended the seminar. As a result of the discussions the audience has endorsed ADWP-201 and recommended it for implementation. The Inception Seminar was followed I PSC meeting that has approved the project strategy and ADWP-2013.	Fully implemented. The Project Inception Seminar has been organized and hel discuss and adopt the Inception Report. All local and international project			Fully implemented. The Inception Report prepared and discussed with UNDP $_{\epsilon}$ DEE.		and movinational controlled to the control con	efficiency improvements in residential buildings have been prepared by project and international consultation.	Fully implemented Three reports on the baseling situation in the first state of the first	the required next steps The inception report has been prepared and discussed, and recommendations for The inception for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendations for adjustments of respective interventions of the projection incention steps and recommendation steps are recommendation steps and recommendation steps are recommendation steps and recommendation steps are recommendation			To be completed in the flist quarter of 2014.	be completed in the first quarter of 2014.			Fully implemented. The website has been launched under www.effbuild.by.	Fully implemented. The website prototype version has been issued and tester	prepared by the Project PR Specialist and a company hired for this task, disct and agreed with UNDP and DEE.	See www.effbuild.by Fully implemented. The website infological structure and design have been			Fully implemented. The ToR for the Project Website has been prepared.			

Cleared by	Prepared by
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					· ·										####								The premises for Project's office has been rented and fully equipped. The Project's stuff has been composed of three SC holders. In addition, ten national and two international consultants have been hired under IC agreements	required, until January 15 and July 15, 2013.	organized and held. Budget revision was prepared and submitted in due time. The semiannual reports were prepared and submitted to Ministry of Economy as	during the first meeting of the PSC. In 2013, three meetings of the BCS was	A draft of ADWP-2013 was presented and discussed in two stakeholders meetings						•			