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Resilient nations.

Interoffice Memorandum

To: Steliana Nedera, DRR

Date: 06/02/2018

Through: Zeljka Topalovic, Programme-Finance Specialist

Extension:

From: Maja Matejic, Project Manager

File:

Subject: Signing of 2018 AWP: "Reducing Barriers to accelerate the Development of Biomass Markets in Serbia" project number 00074238/00086739"

Dear Steliana,

Please kindly sign the enclosed 2018 AWP, related to Project: „Reducing Barriers to Accelerate the Development of Biomass Markets in Serbia”.

Best regards,

A handwritten signature in blue ink, appearing to read 'Maja Matejic', is written above the printed name.

Maja Matejic



United Nations Development Programme
Country: Republic of Serbia
2018 Annual Work Plan

Project Title Reducing Barriers to Accelerate the Development of Biomass Markets in Serbia

UNDAF Outcome(s): Outcome 8: By 2020, there are improved capacities to combat climate change and manage natural resources, and communities are more resilient to the effects natural and human-induced disasters

Expected Output(s): CPD Output 4: Renewable energy market developed, applying the principles of competition, transparency and non-discrimination

Implementing Partner: Ministry of Mining and Energy

Responsible Parties: Ministry of Agriculture and Environmental Protection/UNDP

<p>Atlas Award ID: 00074238 Project ID: 00086739 Start date: January 2018 End Date: December 2018 Management Arrangements: NIM</p>	<p>Total resources required: 726 615.84 USD</p> <p>Total allocated resources:</p> <ul style="list-style-type: none"> • Regular /UNDP: 95,696 USD • Other (donors): GEF: 630,919.84 USD • Government: <p>Unfunded budget: In-kind Contributions:</p>
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Brief Description

The overall objective of the project is to reduce barriers and accelerate the biomass market in Serbia. To achieve the objective, a comprehensive strategy is proposed, by developing and successfully launching a biomass support unit in the Ministry of Mining and Energy and by implementing a sustainable financial mechanism to support biomass projects which will continue beyond the lifetime of this project

Expected results in 2018 are: At least 25 annual municipal biomass balances and biomass programs and plans developed; 1 training module on RES (energy crops and IPARD) for entrepreneurs, local self-government representatives and investors developed; At least 1 field visit for students performed; At least 3 trainings in RES (energy crops and IPARD) delivered; 1CHP facility commissioned; Study visits for national partners on RES, agro-waste and IPARD issues.

Agreed by:

Milos Banjac, National Project Director

1.2.2018 Py - S

Agreed by UNDP:

Steliana Nedera, Deputy Resident Representative

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I. ANNUAL WORK PLAN

YEAR: 2018

EXPECTED OUTPUTS <i>And indicators including annual targets</i>	PLANNED ACTIVITIES <i>List all activities including M&E to be undertaken during the year towards stated CP outputs</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Source of Funds	Budget Description	Amount
		Annual Project Reviews/ Project Implementation Reviews							
	Periodic status/ progress reports	X		X					
Output 1 Improved capability of local municipalities and entrepreneurs to identify, prioritize and develop biomass investment opportunities in Serbia <i>Baseline:</i> <ul style="list-style-type: none"> 0; 1 <i>Indicators:</i> <ul style="list-style-type: none"> Number of training module on RES (energy crops and IPARD) for entrepreneurs, local self-government representatives and investors; Number of field visit for students <i>Annual targets:</i> <ul style="list-style-type: none"> At least 1 training module on RES (energy crops and IPARD) for entrepreneurs, local self-government representatives and 	1. Developing training module for entrepreneurs, local self-government representatives and investors in the field of RES (energy crops and IPARD)	X	X			UNDP	62000	71300 Local consultants	10,000
	2. Organizing field visit for students Preparing website news and video coverages of events		X				62000	72600 Grants	20,000
	3. Implementing public awareness campaign	X	X	X	X		62000	71400 Contractual services-individuals	21,000
	4. Developing and maintaining specialized web portal to enable e-trading with biomass	X	X	X	X		62000	71600 Travel	9,068
							62000	72100 Contractual services companies	150,000
						62000	72400 Communication	632	
						4000	71400 Contractual	43,800	

<p>investors developed</p> <ul style="list-style-type: none"> At least 1 field visit for students performed; 	<p>5. Maintaining the Project Website including relevant information</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>			<p>services individuals –</p>	
<p>Output 2</p> <p>Stronger and more effective secondary legislation related to biomass energy is developed and approved and adopted</p> <p><i>Baseline:</i></p> <ul style="list-style-type: none"> 0 0 0 <p><i>Indicators:</i></p> <ul style="list-style-type: none"> Number of annual municipal biomass balances and biomass programs Number of trainings in project financing for generation of energy from biomass in farming estates (with special focus on mechanisms defined within the Instruments for Pre-Accession Assistance for Rural Development – IPARD for 2014-2020) Number of trainings in energy crops plantations (local potential and specific characteristics for growing 	<p>1. Supporting development, adoption and implementation of secondary legislation, studies, technical standards, methodologies and technical regulations relevant for biomass projects, including required amendments to existing by-laws, technical standards and technical regulations for RE energy/power facilities, energy crops and agro-waste issues.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>UNDP</p>	<p>62000</p> <p>62000</p> <p>4000</p>	<p>71300 Local Consultants</p> <p>72100 Contractual services – companies</p> <p>71400 Contractual services – individuals</p>	<p>41,075.84</p> <p>58,175</p> <p>25,200</p>

<p>such crops, their manner of utilisation, incentives, recommendations to producers and local self-government, etc)</p> <p><i>Annual targets:</i></p> <ul style="list-style-type: none"> • At least 25 annual municipal biomass balances and biomass programs and plans developed; • At least 2 trainings in project financing for generation of energy from biomass in farming estates delivered; • At least 1 training in energy crops plantations (local potential and specific characteristics for growing such crops, their manner of utilisation, incentives, recommendations to producers and local self-government, etc). 	<p>Preparing website news and video coverages of respective events.</p>																
	4																

<p>Output 3</p> <p>Successfully operating Biomass Support Unit which leads to increased capability of municipalities and entrepreneurs in Serbia to develop, finance, construct, and operate bankable biomass energy projects</p> <p><i>Baseline:</i></p> <ul style="list-style-type: none"> • 0 • 1 <p><i>Indicators:</i></p> <ul style="list-style-type: none"> • Number of cost-benefit analyses for supported CHP facilities; • Number of successfully completed study visits. <p><i>Annual targets:</i></p> <ul style="list-style-type: none"> • 1 cost-benefit analysis for 6 supported CHP facilities completed; • At least 1 study visit for national partners and relevant stakeholders. 	<p>1. Providing Advisory support to BSU.</p>	X	X	X	X	<p>UNDP</p>	62000	71200 International Consultants	29,170	
								62000	71300 Local Consultants	32,000
								62000	71600 Travel	16,000
	<p>2. The Cost Benefit Analysis (CBA) of six biogas plants including the analysis of financial barriers for investments in biogas combined heat and power (CHP) plants.</p>	X	X				62000	72100 Contractual services – companies	32,000	
							62000	74500 Miscellaneous	8,013	
	<p>3. Study visits for national partners on RES, agro-waste and IPARD issues.</p>				X					

<p><i>Outcome 4</i></p> <p>One remaining biomass project is successfully financed, constructed and operating by the end of the project</p> <p><i>Baseline:</i></p> <ul style="list-style-type: none"> • 5 <p><i>Indicators:</i></p> <ul style="list-style-type: none"> • Number of CHP facilities receiving operation permit <p><i>Annual targets:</i></p> <ul style="list-style-type: none"> • 1CHP facility commissioned 	<p>1. Monitoring project implementation and implementing 2nd tranche grant payment</p> <p>Preparing website news, media placements and video coverages of events related to opening ceremony of the CHP facility in Gornje Suhotno/Aleksinac</p>	X	X			MoME	62000	72600 Grants	155,681
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<p>Output 5</p> <p>Additional Biomass Projects are being supported by the Biomass Support Unit / Investment Support Mechanism by the end of the Project</p> <p><i>Baseline:</i></p> <ul style="list-style-type: none"> • 0 <p><i>Indicators:</i></p> <ul style="list-style-type: none"> • Number of new bio energy projects//initiatives initiated in Serbia <p><i>Annual targets:</i></p> <ul style="list-style-type: none"> • At least 2 Model projects/initiatives supported in relation to IPARD and RES 	<p>1. Providing technical support to project developers and investors</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>UNDP</p>	<p>62000</p>	<p>71300 Local Consultants</p>	<p>7,000</p>
<p>Monitoring & Evaluation</p>	<p>1. Preparing and submitting project financial and progress reports</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>UNDP</p>	<p>4000</p>	<p>74100 Professional Services</p>	<p>5,000</p>
<p>Project Management</p> <p>Project activities coordinated, ongoing communication with all stakeholders maintained, and quality of project activities monitored and evaluated</p>	<p>1. Verifying project results</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>UNDP</p>	<p>62000</p>	<p>71400 Contractual services - Individuals</p>	<p>15,100</p>
	<p>2. Preparing Annual Project Reviews/Project Implementation Reviews</p>		<p>X</p>		<p>X</p>			<p>62000</p>	<p>74500 Misc/Direct</p>

	3.Periodic status/ progress reports	X	X	X	X		4000	project cost 71400 Contractual services - individuals	21,696
								Subtotal Direct Project Costs	
								General Management Services	
								TOTAL PROJECT COST	726,615.84

Note:

GMS in GEF funded projects is taken on the fund level, funds are budgeted net GMS with ASL allocation per CO.

DPC is based as per old ISS costing policy and covers Office and IT costs only, no staff salaries. DPC was collected in 2016 and 2017.