NS-36 - Rehabilitation of arterial roads in Serbia

Serbia

NAMA Seeking Support for Implementation

	A Overview	
A.1 Party	Serbia	
A.2 Title of Mitigation Action	Rehabilitation of arterial roads i	n Serbia
A.3 Description of mitigation action	This action includes rehabilitation sections throughout Serbia. Total sections is 324 km. Sections are Serbia. The most of them belong region. Selected roads sections a transport of humans and goods, road surface (pavement) and ver Mitigation target is to improve the these roads and reduce CO2 emissions where the consumption level (-3.64%) by running speed of 60 km/h, or	on of the 19 different arterial road al length of all proposed road clocated in different part of g to the southern-east are very important for everyday but with serious damages on the ry high Roughness Index (IRI). The efficiency and operation of issions from road vehicles. Will be ensured through improved by all vehicles that is achieved
A.4 Sector	Energy supply Residential and Commercial buildings Agriculture Waste management	X Transport and its Infrastructure Industry Forestry
	Other	
A.5 Technology	Bioenergy X Energy Efficiency Hydropower Wind energy Carbon Capture and Storage Land fill gas collection	Cleaner Fuels Geothermal energy Solar energy Ocean energy Low till / No till
	Other	
A.6 Type of action	National/ Sectoral goal Strategy National/Sectoral policy or program	Project: Investment in machinery X Project: Investment in infrastructure Project: Other
	Other	
A.7 Greenhouse gases covered by the action	CO2 N2O PFCs Other	CH4 HFCs SF6

B National Implementing Entity			
B.1.0	Name		
B.1.1	Contact Person 1	Mr. Zoran Drobnjak	
B.1.2	Address	11000 Belgrade, Bulevar kralja Aleksandra 282, SERBIA	
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B.1.4	Email	office@putevi-srbije.rs	
	Contact Person 2	office@patev1 stolje.is	
B.1.6	Address		
	Phone		
B.1.8			
	Contact Person 3		
	Address		
	Phone		
B.1.12			
B.1.13	Comments		
	C Expected timeframe for the	implementation of the mitigation action	
C.1	Number of years for con	npletion 6	
C.2	Expected start year of in	nplementation 2014	
	Γ	O Currency	
D.1	Used Currency	AED	
	•		
		Conversion to USD: 1	
		E Cost	
E.1.1	Estimated full cost of impleme	ntation 130213084	
E.1.2	Comments on full cost of imple	ementation	
E.2.1	Estimated incremental cost of implementation 9114915		
E.2.2	Comments on estimated incren	_	
	implementation		
	F Support required for the i	implementation the mitigation action	
F.1.1	Amount of Financial support	139328000	
F.1.2	Type of required Financial support		
1.1.2	Type of required 1 manetar support	X Grant Guarantee	
		Loan (sovereign) Equity	
		Carbon finance	
		Concessional loan	
		Other	
F.1.3	Comments on Financial support	It could be subject of negotiations	
F.2.1	Amount of Technological support	it could be subject of negotiations	
F.2.2	Comments on Technological support		
F.3.1	Amount of capacity building support		
F.3.2	Type of required capacity building support		
17.5.2	Type of required capacity building support	Individual level	
		Institutional level	
		Systemic level	
		Other	
F.3.3	Comments on Capacity Building support		
F.4	Financial support for implementation required	1	
		↓	
F.5	Technological support for implementation required		

Capacity Building support for implementation required				
G Estim	ated emission reductions			
G.1 Amount 2617				
G.2 Unit	MtCO2e/yr			
G.3 Additional imformation (e.g. if available,	Total reduction: 5,234 tCO2e (20 years) Methodology applied for			
information on the methodological approach followed)	estimation: Computer Programme to calculate Emissions from Road Transport (COPERT 4)			
H Other indicators				
H.1	Other indicators of implementation			
I Other relevant information				
benefits for local sustainable development	improved infrastructure will ensure higher level on transport service on rehabilitated roads, not only regarding travel time and			
	safety but also by reducing CO2 emmission and fuel consumption.			
	Creation of local employment opportunities: during rehabilitation			
	works many temporary working places will be open for local residents. Education and awareness raise: - Reduction of fuel			
	consumption: direct impact of rehabilitated roads on fel			
	consumption will be indirectly confirmed and estimated by			
	measuring CO2 emmissions along road sections which are subject			
	of proposed Serbian Arterial Road Rehabilitation Project. During project implementation a systematic measurement of CO2			
	emmissions will beestablished, including activities before, during			
	and after road rehabilitation works. Environmental monitoring is			
	consisting part of proposed project.			
J Relevant National Policies strategies	s, plans and programmes and/or other mitigation action			
J.1 Relevant National Policies	In line with: o Law on air protection ("Official Gazette of RS",			
	36/09) o Law on planning and construction ("Official Gazette of			
	RS" No. 72/2009, 81/2009) o Law on nature protection ("Official Gazette of RS", 36/09) o Law on environmental protection			
	("Official Gazette of RS" No. 135/04, 36/09, 72/09) o Law on			
	EIA ("Official Gazette of RS" No. 135/2004, 36/2009) o Law on			
	waste management ("Official Gazette of RS", 36/09) Law on			
	noise protection ("Official Gazette of RS", 36/09) o Law on water			
	("Official Gazette of RS", 46/91, 53/93, 67/93, 48/94, 54/96, 101/ 05) Regulations established on the basis of the Law on EIA			
	include the following: o Decree on establishing the List of			
	Projects for which the Impact Assessment is mandatory and the			
	List of projects for which the EIA can be requested ("Official			
	Gazette of RS" No. 114/08) o Rulebook on the contents of			
	requests for the necessity of Impact Assessment and on the			
	contents of requests for specification of scope and contents of the EIS ("Official Gazette of RS" No. 69/05) o Rulebook on the			
	contents of the EIS ("Official Gazette of RS" No. 69/05) o			
	Rulebook on the procedure of public inspection, presentation and			
	public consultation about the EIS ("Official Gazette of RS" No.			
	69/05) o Regulations on permitted noise level in the environment			
J.2 Link to other NAMAs	("Official Gazette of RS" No. 54/92)			
J.Z LIIIK W OUICI INAIVIAS	V. Attachments			
T/ A 44 - 1	K Attachments			
K Attachments	Title Description			
	SDRehabilitation of Arterial Roads in Serbia.pdf			

K.1 Attachment description			
K.2 File	Browse		
L Support received			
L.1 Outside the Registry			
L.2 Within the Registry	Support provided SupportType Amount Comment Date		