

## Annex 10: Safeguard Policy Issues MOLDOVA: DISASTER AND CLIMATE RISK MANAGEMENT PROJECT

- 191. Project location. Outside of technical assistance (TA) and capacity building activities, the Project will also support several small-scale construction activities for a tower for installing a weather radar at the Chisinau International Airport, weather and hydrologic stations in Leova, Ceadir-Lunga, Balti, Soroca, and Malovata-Veche locations. Proposed sites are located outside residential areas or on the outskirts of towns and villages. There are no significant natural habitats and or physical cultural resources near the sites. Furthermore, construction will be done on available lands that are government-owned, either by the state or by the local public administration, and are not used by local people, legally or illegally, implying no involuntary resettlement issues. Locations were selected to ensure proper meteorological and hydrological observations and to provide representative data. The premises will accommodate the Hydrometeorological Service personnel in these areas that currently are based in old crumbling buildings which belonged to airports during Soviet period.
- 192. Project environment category. In accordance with the World Bank's safeguard policies and procedures, including OP/BP/GP 4.01 Environmental Assessment, this project has been classified as a Category B project for environmental assessment purposes. Based on that classification, the project Environmental Assessment (EA) includes an EA of the project sites and of the proposed construction activities, as well as a simple Environmental Management Plan (EMP) which specifies mitigation measures, monitoring activities, and its implementing arrangements. The EA and the EMP address the requirements of the applicable laws and regulations of the Government of Moldova, and the World Bank's safeguard policies and disclosure requirements.

Table A9-5 Average Road Works Unit Costs

Work Class	Work Type	Predominant Work Activity	Financial Cost (US\$/km)	Financial Cost (US\$/m2)
Routine	Routine Maintenance	Routine Maintenance Unpaved Routine Maintenance	1,680	N.A.
Maintenance	Lancon and the same of the sam	Paved	3,866	N.A.
	Grading	Grading	91	N.A.
Periodic	Regravelling	Regravelling 75 mm	8,775	1.46
Maintenance	Asphalt Mix Resurfacing	Micro Surfacing 12 mm	20,232	2.81
		Asphalt Overlay 50 mm	36,576	5.08
	Strengthening	Asphalt Overlay 80 mm	57,888	8.04
		Asphalt Overlay 120 mm	65,880	9.15
		Asphalt Overlay 160 mm	87,840	12.20
		Asphalt Overlay 200 mm Mill and Replace 20/50	109,800	15.25
		mm	63,072	8.76
Improvement	Upgrading	Upgrading to Earth Surface Upgrading to Gravel	23,855	3.67
		Surface	33,300	5.12
		Upgrading to Stone Surface	50,000	7.69

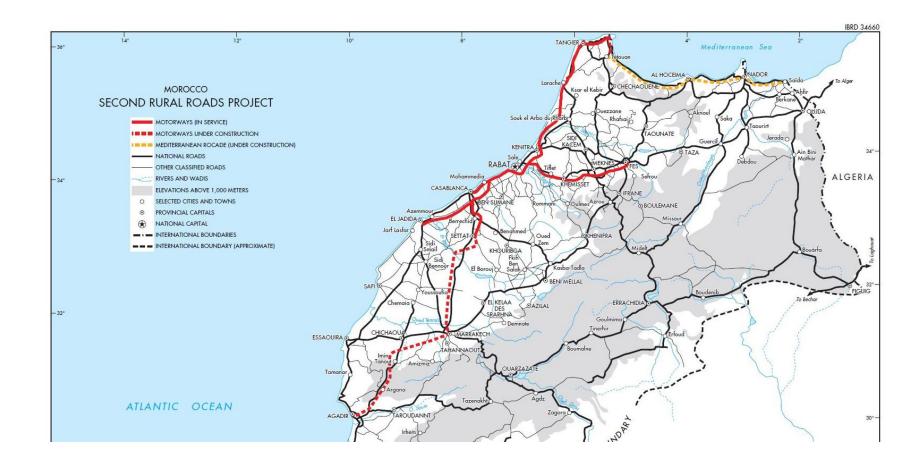
Cost per km considers 7.2 m wide paved roads and 6.5 m wide unpaved roads

## C. Performance-based Maintenance Contracting Program

8. The paved roads network of Paraguay totals around 4,000 km and carries 1,674 million vehicle-km per year. The MOPC defined a core paved roads network to be rehabilitated and maintained under a program of seven GMANS contracts, which totals 2,012 km and carries 1,403 million vehicle-km per year that represents 50% and 84% respectively of the total paved roads network. Table A9-6 presents the performance-based maintenance program road sections.

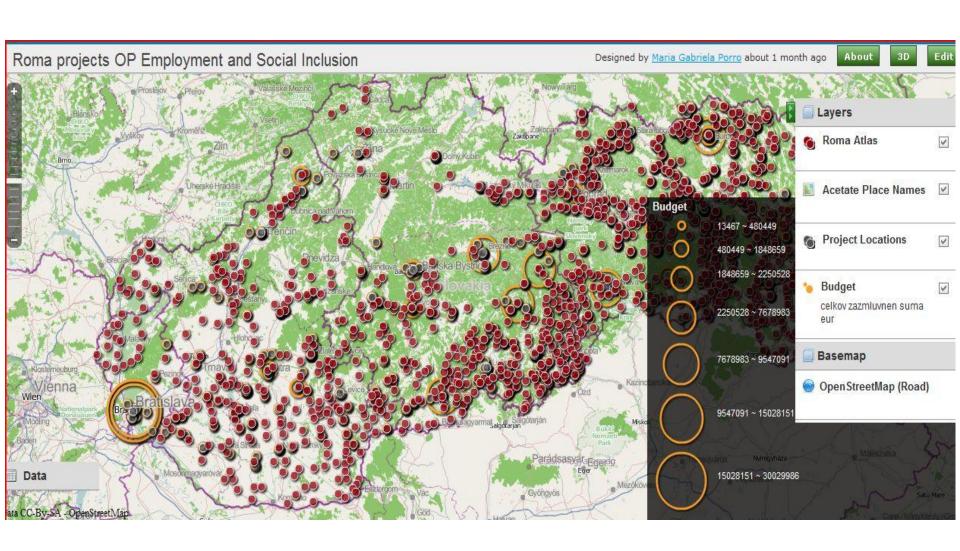
Table A9-6 GMANS Contracts Road Sections

GMANS Contract	Segment	Length (Km)		
I	PY 02: Caacupé – Inicio concesión Tapé Porá PY 03: Limpio – Empalme PY 08 PY 08: Empalme PY 03 – Coronel Oviedo			
II	South Access: Desvío a Guarambaré - Itá PY 01: Itá - Encarnación	337		
III	PY 06: Encarnación – Empalme PY 07	250		
IV	PY 08: Empalme PY 03 – Yby Yau PY 05: Pedro Juan Caballero - Concepción	393		
V	PY04: San Ignacio- Pilar	142		
VI	PY 07: Hernandarias – Empalme PY 03 PY 03: Empalme PY 08 – Saltos del Guaira	400		
URBAN	PY 02: San Lorenzo – Caacupé Acceso Sur: 4 Mojones – Desvío a Guarambaré	108		
Total		2,011		



D	E	F	G	Н		J	K	L	M
Donor project i	Recipient	Channel of delivery	r Short description / Project title	Geographical target area	geo - level	OECD Sect	Expected	Expected compl	Total funding USD
2-1 2-1 2-1 K		A STATE OF THE STA		Doroțcaia village (Dubăsari				W. W.	1000
				region), Cahul town (Cahul				27 (2) 1923	
03/2011/01	Moldova	Charita Česká repub	Development of homecare services – Delivery of health equipment	region)	villages	12110	1/1/2011	12/31/2013	184,211
03/2011/02	Moldova	Občanské sdružení A	A Inclusive pre-school education in Moldova	Orhei	city	11240	1/1/2011	12/31/2011	174,829
03/2011/03	Moldova	Charita Česká repub	Support for the creation of a national plan to work with abandoned children	Moldova	state	16010	1/1/2011	12/31/2012	210,526
03/2011/04	Moldova	Charita Česká repub	l Organic agriculture in Moldova	Kisinau, Orhei	districts	31165	1/1/2011	12/31/2013	63,158
03/2011/05	Moldova	Člověk v tísni, o.p.s.	Support of organic agriculture in Moldova	Kisinau, Balti	districts	31165	1/1/2011	12/31/2013	47,368
03/2011/06	Moldova	ČESKÁ ZEMĚDĚLSKÁ	Umproving competiteveness and effectiveness among small and medium farmers in Ungheni, Anenii Noi, Cahul	Ungheni, Anenii Noi, Cahul	districts	31165	1/1/2011	12/31/2013	47,368
CzDA-MD-2010-	).	Ircon s.r.o.							
24-14020	Moldova	a TopolWater s.r.o.	Restoration of Waste Water Treatment System in Vulcănești	Vulcănești	city				420,789
CzDA-MD-2009	Moldova	Dekonta, a.s.	Remediation of Contamination from the Former Soviet Airbase Mărculești	Mărculești; Lunga	city	14015	1/1/2010	12/31/2012	310,526
CzDA-MD-2009	Moldova	CIR o.s., TopolWater	r Restoration of Waste Water Treatment System in Nisporeni	Nisporeni	city	14020	1/1/2010	12/31/2012	526,316
CzDA-MD-2011	Moldova	Ircon s.r.o., TopolWa	a Restoration of Waste Water Treatment Systém in Cimişlia	Cimişlia	city	14022	1/1/2011	12/31/2013	252,632
				Gradinita, Clocusna,		7			
				Ciobalaccia, Singerei,					ŀ
				Oniscani, Pascani, Criuleni					
CzDA-MD-2011	Moldova	DEKONTA, a.s	Remediation of Environmental Burdens Caused by Pesticides in Moldova	and Gaidar	villages	14015	1/1/2011	12/31/2012	305,263
CzDA-MD-2010-	Moldova	Aquatest a.s	Flood Warning and Monitoring systém on the Prut River	Prut River	river	14040	1/1/2010	12/31/2012	257,596
		***************************************		( - ( ) - (					

Spôsob	Opatro	er Typ: (N	F Kontakt RO/SOF	R Opatrenie	ZACIATOK	KONIEC	Názov prijímateľ	IČO	DIČ	Adresa	Právna fo	Výzva / '	Vyzvar	GPS
Predklad	101	PP	http://wRO	1.1 Podpor	1/1/2012	8/31/2013	Člověk v tísni, o.;	35562617	2021920	Spišské	Neziskova	OP ZaSI	NP 201	49.001663,20.75419
Systém (	102	PP	http://wRO	1.2 Podpor	7/1/2008	#######	Spišsko - gemers	35582944	2022491	Rožňava	Neziskova	OP ZaSI	2008/2	48.662338,20.53264
Systém (	102	PP	http://wRO	1.2 Podpor	7/1/2008	########	Horehronsky soc	42000882	2022581	Brezno,	Neziskova	OP ZaSI	2008/	48.802200,19.64220
Systém Í	102	PP	http://wRO	1.2 Podpor	7/1/2008	#######	Revúcky sociálny	42000939	2022583	Muráň,	Neziskova	OP ZaSI	2008/	48.740379,20.04686
Vytvorei	102	PP	http://wRO	1.2 Podpor	9/1/2008	2/28/2011	Mesto Krompach	329282	2021331	Krompa	Obec (ob	OP ZaSI	2008/	48.90229,20.875305
Systém Í	102	PP	http://wRO	1.2 Podpor	7/1/2008	6/30/2010	Gemerský sociáli	42000921	2022580	Klenove	Neziskova	OP ZaSI	2008/2	48.597035,19.89010
Systém Í	102	PP	http://wRO	1.2 Podpor	7/1/2008	6/30/2010	Veľkokrtíšsky soc	42000947	2022579	Veľký Kr	Neziskova	OP ZaSI	2008/	48.21067,19.34600
Fázy ras	102	PP	http://wRO	1.2 Podpor	7/1/2008	#######	Agentúra rozvoja	42035279	2022397	Humeni	Združenie	OP ZaSI	2008/	48.930652,21.88926
1.Prípra	102	PP	http://wRO	1.2 Podpor	7/1/2008	#######	ARVIK - Rozvojov	42028027	2022065	Bardejo	Združenie	OP ZaSI	2008/	49.292583,21.27362
Identifik	102	DOP	http://wSIA	1.2 Podpor	3/1/2009	#######	A.C.H., s. r. o.	31695884	2020488	Košice-Z	Spoločno	DOP-SIA	-2008	48.71664,21.253348
Ciele pro	102	DOP	http://wSIA	1.2 Podpor	5/1/2009	#######	Inštitút sociálnek	42084415	202273€	Prešov,	Združenie	DOP-SIA	-2008	48.99265,21.243650
Základn <sup>°</sup>	102	DOP	http://wSIA	1.2 Podpor	4/1/2009	7/31/2010	Združenie kresťa	641162	2020848	Spišská	Združenie	DOP-SIA	-2008	48.94277,20.57233
Po ukon	102	DOP	http://wSIA	1.2 Podpor	4/1/2009	3/31/2010	Mesto Sečovce	331899	2020724	Sečovce	Obec (ob	DOP-SIA	-2008,	48.702801,21.65270
Realizác	102	DOP	http://wSIA	1.2 Podpor	6/1/2009	7/31/2010	VIKO spol. s r.o	31584764	2020439	Považsk	Akciová s	DOP-SIA	-2008	49.116456,18.44311
Po ukon	102	DOP	http://wSIA	1.2 Podpor	4/1/2009	7/31/2010	Mesto Spišské Vl	329657	2021331	Spišské	Obec (ob	DOP-SIA	-2008	48.948689,20.79395
Tento pi	102	DOP	http://wSIA	1.2 Podpor	5/1/2009	#######	Mesto Humenné	323021	2021232	Humeni	Obec (ob	DOP-SIA	-2008	48.93733,21.905475
Stanove	102	DOP	http://wSIA	1.2 Podpor	4/20/2009	#######	obec Spišské Bys	326542	2020674	Spišské	Obec (ob	DOP-SIA	-2008	48.992365,20.24314
Realizác	102	DOP	http://wSIA	1.2 Podpor	8/1/2009	3/31/2011	Elaut BauMont s	36502979	2021949	Snina, Š	Spoločno	DOP-SIA	-2008	48.98759,22.147354
Projekt ľ	102	DOP	http://wSIA	1.2 Podpor	4/1/2009	#######	ATEA Slovakia, s.	36551490	2021614	Mojmíro	Spoločno	DOP-SIA	-2008	48.314855,18.08755
Realizác	102	DOP	http://wSIA	1.2 Podpor	3/1/2009	#######	Obec Bacúch	313254	2021223	Bacúch,	Obec (ob	DOP-SIA	-2008	48.857546,19.80713
1. Prípra	102	DOP	http://wSIA	1.2 Podpor	3/1/2009	#######	Mesto Vráble	308641	2021056	Vráble,	Obec (ob	DOP-SIA	-2008	48.244017,18.30613
Ciele pro	102	DOP	http://wSIA	1.2 Podpor	5/1/2009	########	VZDELÁVACIA A I	42102634	2022735	Košice-J	Združenie	DOP-SIA	-2008	48.718899,21.25210
Hlavné a	102	DOP	http://wSIA	1.2 Podpor	4/1/2009	8/31/2010	Obec Zlatá Baňa	328031	2021296	Zlatá Ba	Obec (ob	DOP-SIA	-2008	48.950871,21.41721
Stanove	102	DOP	http://wSIA	1.2 Podpor	9/1/2009	3/31/2011	Obec Kravany	326291	2020674	Kravany	Obec (ob	DOP-SIA	-2008	48.758935,21.64193



## **Geocoding Methodology**

- 1. The coordinates corresponds to an exact location such as a populated place.
- 2. The location is mentioned in the source as being "near" or in the "area".
- 3. The location is in the second order administrative division (ADM2), such as a district or municipality.
- 4.1 The location is an entire first order administrative division (ADM1) such as a province, state.
- 4.2 The location is within a first order administrative division but the location within the ADM1 is unknown.
- 5. The location can only be related to estimate coordinates such as jungles and rivers.
- 6. The location can only be related to an independent political entity, meaning the pair of coordinates that represent a country.
- 8.1 The location represents funding to a government agency.
- 8.2 The location represents funding to a government agency but this is not the only location for the project.