

ANNEX XIII

Co-financing commitment letters

Scaling up Climate Resilient Flood Risk Management in Bosnia and Herzegovina

20 June 2022



Empowered lives.
Resilient nations.

Sarajevo, December 5, 2019

Dear Mr. Kurukulasuriya,

Subject: UNDP Country Office Bosnia and Herzegovina co-financing statement in regard to the GCF Funding Proposal "Scaling up Climate Resilient Flood Risk Management in Bosnia and Herzegovina"

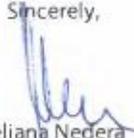
UNDP Country Office Bosnia and Herzegovina would like to express our full support to the GCF Funding Proposal "Scaling up Climate Resilient Flood Risk Management in Bosnia and Herzegovina".

With this letter, we would like to confirm our commitment to co-finance the aforementioned project in the amount of USD 800,000 over the period 2020-2026 as follows:

- Contribution in the amount of USD 500,000 will be to strengthen climate resilience of the local governments (activity 3.2 of the Project proposal) via Joint Swiss-UN Programme "Disaster Risk Reduction for Sustainable Development in Bosnia and Herzegovina";
- The amount of USD 300,000 is planned to cover project management costs.

For any additional information kindly contact my colleague Raduška Cupać, Climate Change Adaptation Project Manager (raduska.cupac@undp.org).

Sincerely,



Steliana Nedera
Resident Representative

To: Pradeep Kurukulasuriya

Executive Coordinator & Director- Global Environmental Finance & Head,
Natural Capital and the Environment
Bureau for Policy and Programme Support/Global Policy Network, UNDP and
the Green Climate Fund (GCF)



REPUBLIC OF SRPSKA
GOVERNMENT

MINISTRY OF SPATIAL PLANNING, CONSTRUCTION AND ECOLOGY

Trg Republike Srpske 1, Banja Luka, Telephone 00387 (0)51 339 592; Fax 00387 (0)51 339 653
E-mail: kabinetministra@migr.vladars.net; www.vladars.net

Ref. number: 15.04-052-2627/22

Date: April 07, 2022.

To: Pradeep Kurukulasuriya
Director and Executive Coordinator, Nature, Climate and Energy
United Nations Development Program (UNDP) and the Green Climate Fund

Subject: Confirmation of contribution for GCF funding proposal

Dear Mr. Pradeep Kurukulasuriya,

The Ministry of Spatial Planning, Construction and Ecology of Republika Srpska, in its capacity of UNFCCC and GCF focal point for Bosnia and Herzegovina would like to reiterate our full support to the GCF Funding Proposal "Scaling up climate resilient flood risk management in Bosnia and Herzegovina (B&H)" submitted by UNDP. The project is fully aligned with the strategic objectives of the Ministry in the area of climate change adaptation.

Due to the specific needs and conditions of B&H, investment in adaptation activities is not yet fully attractive – neither for public nor private investors, regardless of huge losses and damages suffered, especially from floods, on yearly basis. Therefore, GCF support is needed to increase resilience of vulnerable B&H communities and livelihoods to intensified climate-induced hydro-meteorological flood-related disasters.

Should the proposal be approved, herewith, we would like to confirm our commitment to provide contribution to the aforementioned project in the amount of US\$ 300,000.00 over the period 2022-2028 to support mainstreaming of climate-induced risks into sectoral policies, as well as mainstreaming and documenting of eco-system-based approaches, as envisaged under output 2 (activities 2.1 and 2.3.). Part of our support will be allocated for providing logistical support i.e., office space for project management.

Sincerely,


MINISTER
Stehrička Golić



БОСНА И ХЕРЦЕГОВИНА
МИНИСТАРСТВО СПОЉНЕ ТРГОВИНЕ
И ЕКОНОМСКИХ ОДНОСА



BOSNA I HERCEGOVINA
MINISTARSTVO VANJSKE TRGOVINE I
EKONOMSKIH ODNOSA

BOSNIA AND HERZEGOVINA
MINISTRY OF FOREIGN TRADE AND ECONOMIC RELATIONS

No: 10-1-28-3027/19
Sarajevo, 5 July, 2019

To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator and
The Green Climate Fund (GCF)

Subject: Co-financing letter for the Project “Scaling up climate resilient flood risk management in Bosnia and Herzegovina”

Dear Mrs. Dinu,

Ministry of Foreign Trade and Economic Relations expresses its full support to the project proposal “Scaling up climate resilient flood risk management in Bosnia and Herzegovina” which is to be submitted to the Green Climate Fund by the United Nations Development Programme. The Project is fully aligned with Bosnia and Herzegovina strategic objectives and will provide significant contribution to:

- Implementation of strategic and planning documents in Bosnia and Herzegovina;
- Fulfilling EU accession obligations;
- Strengthening institutional capacities;
- Creating pre-conditions for sustainable development and improving quality of life.

Herewith, we would like to express our readiness to co-finance the above Project during its duration (2020-2026) via implementation of pre-accession assistance programme IPA 2016, in the amount of 5 million Euro. IPA 2016 activities will be focused on development of Flood Risk Management Plans in Bosnia and Herzegovina, development of missing erosion maps and development of technical documentation for infrastructural flood risk management measures.

In line with the above, the following activities will be co-financed, as described in the Project proposal:

Activity 1.2: Enhancing climate-induced hydrological and hydraulic modelling for determining flood hazard and risk in line with EU Flood Directive via development of missing erosion maps and development of Flood Risk Management Plans in Bosnia and Herzegovina;

Мусала 9, 71 000 Сарајево, тел: +387 33 220 093, факс: +387 33 552 512
Musala 9, 71 000 Sarajevo, tel: +387 33 220 093, faks: +387 33 552 512
www.mvteo.gov.ba



Activity 3.3: Implementation of structural flood risk reduction interventions via development of technical documentation for infrastructural flood risk management measures.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Respectfully,





REPUBLIC OF SRPSKA

MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT

Trg Republike Srpske 1, Banja Luka, tel: 051/338-368; 338-415; www.vladars.net, E-mail: E-mail: mns@rnps.vladars.net

*Ref. no. 12.07-337-458/19
Banja Luka, November 19, 2019*

**To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator and
The Green Climate Fund (GCF)**

Dear Mrs. Adriana Dinu,

Ministry of Agriculture, Forestry and Water Management of Republika Srpska (hereinafter referred to as the Ministry) express its support to the project proposal “Scaling up climate resilient flood risk management” which is to be submitted to the Green Climate Fund by UNDP. This project proposal is fully aligned with Ministry’s strategic goals in the field of water management and flood risk reduction.

Since 2012., the Ministry has been implementing European Investment Bank (EIB) financed flood protection project in the amount of Eur 55 Mil. In 2018 EIB Board of Directors approved an additional amount of Eur 19 Mil to continue with implementation of flood protection measures (EIB no. 2017-0697). EIB has also prepared Finance Contract no. 88484 between Bosnia and Herzegovina, Republika Srpska and European Investment Bank. Implementation of the above measures will be managed by the Ministry, on behalf of the Republika Srpska Government. As a technical assistance to project implementation, grant amount of Eur 750,000 has been approved for Western Balkans Investment Framework (WBIF).

With this letter we would like to confirm full complementarity between measures which will be financed from EIB loan and project proposal “Scaling up climate resilient flood risk management” and to express our readiness to co-finance the above project during the period 2021-2026, with activities which will be implemented with EIB loan. Our contribution in the amount of Eur 19.75 million will be used to co-finance the Activity 3.3 of the project proposal - *Investment in the implementation of flood defences and the rehabilitation and upgrade of existing flood defences with climate proofing.*

In addition to the above, co-financing in the amount of Eur 2.75 Mil will be ensured for the below listed activities which will be implemented via our administrative unit Public Institution „Srpska Waters“ which is in charge for integral water management and public water goods in the Republika Srpska in line with the Law on Waters:

Activity 1.1: Expansion of the hydrometric network for enhanced monitoring of climate variables

Activity 1.2: Enhancing hydrological and hydraulic modelling, taking into consideration climate changes, for determining flood hazard and risk, in line with EU flood directive



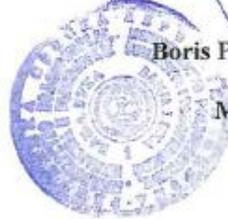
Activity 1.3: Developing flood forecasting and early warning system, including flow forecasting;

Activity 2.2: Implementation and scaling-up of non-structural flood risk reduction and adaptation measures;

Activity 2.4: Capacity building.

Our total co-financing contribution is Eur 22.5 Million and the above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Sincerely,

A circular official seal of the Ministry of Environmental Protection and Climate Change of the Republic of Serbia, featuring a map of the country and the text "REPUBLIKA SRBIJA" and "MINISTARSTVO ZAŠTITE OKOLIŠA I KLIMATIKE".
Boris Pašalić, PhD
[Handwritten signature]
Minister



Мјешовити Холдинг
"Електропривреда Републике српске"
Матично предузеће, а.д. Требиње

МХ"ЕРС" - МП а.д. Требиње Степе Степановића б.б. 89101 Требиње
Тел: +387 (59) 277 101; Факс: +387 (59) 277 120 www.ers.ba E-mail: elektroprivreda@ers.ba
ЈИБ: 4401355450006 ЈБ: 401355450006

Број: 4.1/01-1249-1/19
Датум: 17.05.2019. год.

За: **Госпођа Адриана Дину**
UNDP-GEF извршни координатор

Поштована госпођо Дину,

Мјешовити Холдинг „Електропривреда“ Републике Српске је акционарско друштво чији циљ је да се са квалитетним програмима, а који су усаглашени са еколошким стандардима и атрактивни на тржишту, омогући добит за потрошача, друштво и компанију.

Овим желимо да искажемо нашу пуну подршку пројектног приједлогу „Повећање улагања у смањење поплавног ризика“, који UNDP подноси Зеленом климатском фонду. Пројекат је у потпуности усклађен са стратешким циљевима Мјешовитог холдинга „Електропривреда“ Република Српске.

Овим дописом желимо да потврдимо нашу спремност да суфинансирамо горе наведени пројекат. Током периода 2020-2026, наш допринос у износу од 5 милиона амерички долара, ће бити искориштен за суфинансира активности:

Активност 1.1: Проширење хидрометеоролошке мреже у циљу појачаног праћења климатских варијабли

Активност 1.2: Унапређење хидролошко-хидрауличног моделирања узимајући у обзир и утицај климатских промјена, а у сврху одређивања опасности и ризика у складу са Директивом о поплавама

Активност 1.3: Развијање система прогнозе поплава и раног упозоравања укључујући и прогнозу дотока

Активност 2.2: Провођење и проширење неструктурних мјера смањења ризика од поплава и прилагођавања климатским промјенама.

Горе наведена подршка се подразумијева само у случају обезбјеђења средстава Зеленог климатског фонда, као што је и наведено у пројектном приједлогу.

Срдечно,

Лука Петровић
Директор
Мјешовити Холдинг „Електропривреда“ Републике Српске





**Мјешовити Холдинг
"Електропривреда Републике српске"
Матично предузеће, а.д. Требиње**

МХ "ЕРС" - МП а.д. Требиње Степе Степановића б.б. 89101 Требиње
Тел: +387 (59) 277 101; Факс: +387 (59) 277 120 www.ers.ba E-mail: elektroprivreda@ers.ba
ЈИБ: 4401355450006 ИБ: 401355450006

Number: 1.1/01-1249-1/19
Date: 17.05.2019

To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator

Dear Mrs. Adriana Dinu,

A mixed holding "Elektroprivreda Republike Srpske" is a joint stock company, whose aim is to ensure benefits for consumers, the society and the company itself by applying quality programs, which are harmonized with ecological standards and attractive in the market.

Herewith, we would like to express our full support to the GCF Funding Proposal "Scaling up climate resilient flood risk management" submitted by UNDP, as the project is fully aligned with the strategic objectives of the mixed holding "Elektroprivreda", Republika Srpska.

With this Letter we would like to confirm our commitment to co-finance the aforementioned project. Our contribution in the amount of US\$ 5,00,000.00 million will be over the period of 2020 - 2026 to co-finance the following activities:

- Activity 1.1: Expansion of the hydrometric network for enhanced monitoring of climate variables
- Activity 1.2: Enhancing climate-induced hydrological and hydraulic modelling for determining flood hazard and risk in line with Flood directive;
- Activity 1.3: Developing flood forecasting and early warning system, including flow forecasting
- Activity 2.2: Implementation and scaling-up of non-structural flood risk reduction and climate change adaptation measures.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Sincerely,

Luka Petrović
Director,
Mixed Holding "Elektroprivreda Republike Srpske"





AGENCIJA ZA
VODNO PODRUČJE JADRANSKOG MORA
MOSTAR

Dr. Ante Starčevića bb
88000 Mostar
Bosna i Hercegovina

Tel: ++387 36 397-881; 397-882

Fax: ++387 36 397-883

To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator

Ref.no.: 21-1/49-1-231/19

Date: 24.5.2019.god.

Dear Mrs. Adriana Dinu,

Water Agency for Adriatic Sea Watershed (hereinafter referred to as an Agency) is in charge of the water management in the following river basins: Neretva, Cetina and Krka within the Federation of Bosnia and Herzegovina. Activities the Agency is conducting are, but not limited to:

- organization, gathering, management and distribution of data on water resources including establishing and maintenance of the water information system;
- hydrological monitoring and water quality monitoring, monitoring of ecological status of surface waters, monitoring of underground waters, preparation of reports on water status and recommendation of necessary measures;
- preparation of water management plans for the relevant river basin, development of the technical documentation for various areas of water management and other affairs related to the water management and as prescribed by the Law;
- preparation of plans for preventing and reducing adverse water effects caused by floods, draughts, erosion and organization of the implementation of these plans;
- implementation of activities related to projects financed by international institution, as well as those financed by the Federation of Bosnia and Herzegovina budget.

With this Letter, the Agency would like to demonstrate its support to the project proposal "Scaling up climate resilient flood risk management" which is to be submitted to the Green Climate Fund by UNDP, and is aligned with Agency's strategic objectives.

We would like to confirm our readiness to co-finance the above project during the period 2020-2026, and in line with the above activities conducted by the Agency. Our contribution in the amount of USD 5 million will be used to co-finance the below activities, as described in the project proposal:

Activity 1.1: Expansion of the hydrometric network for enhanced monitoring of climate variables

Activity 1.2: Enhancing climate-induced hydrological and hydraulic modelling for determining flood hazard and risk in line with Flood directive;

Activity 1.3 and 1.4: Developing flood forecasting and early warning system, including flow forecasting and implementation of protocol and Standard operational procedures for data gathering and analysis;

Activity 2.2: Implementation and scaling-up of non-structural flood risk reduction and climate change adaptation measures;

Activity 2.4: Capacity building.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Sincerely,



DIRECTOR
Damir Mrden

To:
1. Addressee
2. 21-1, 24-1, 25-1, 10-1
3. a/n

Registracija agencije:
Općinski sud u Mostaru
Registracijski broj:
Tt-O-919/07

Identifikacijski broj:
4227123060007

Korisnička banka i broj računa:
Unikredit Zagrebačka banka BH d.d. Mostar
Broj računa: 338-100-22003965-22



BOSNA REOSIGURANJE Dioničko društvo
BOSNA REINSURANCE Company Limited

Zmaj od Bosne 74, 71000 Sarajevo
Bosna i Hercegovina
tel: +387 33 72 55 00
fax: +387 33 72 55 22
e-mail: info@bosnare.ba
web: www.bosnare.ba



To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator and
The Green Climate Fund (GFC)

Sarajevo, 30.10.2019.
Our Ref.: 2046/19

Dear Mrs. Adriana Dinu,

Bosna Reinsurance Company Limited (Bosna Reosiguranje d.d., Bosna RE for short) is a reinsurance company incorporated under the respective laws of Bosnia and Herzegovina. We are authorized to write inward and outward reinsurance treaties and are fully privately owned by 54 shareholders (stand as at 31.12.2018).

Bosna RE was established in 1978 and now is in its 41st year of operation. We are the only financial institution in Bosnia and Herzegovina with its own sovereign rating, Good B+ with stable outlook, assigned to us by reputable rating agency A.M. Best for the 12th time this year.

Nature of our business encompass risk assessment, risk prevention and risk transfer as some of our main interests and improvement in this segment along with potential benefits for the society are highly on our agenda.

By the virtue of this Letter we wish to express our support for the "Scaling up climate resilient flood risk management" which is to be submitted to the Green Climate Fund by UNDP and is aligned with our business objectives.

Thus, we would like to confirm our readiness to co-finance the above project during the period 2020-2026. Our contribution of approximately EUR 300,000 will be used to co-finance the following activities described in the project document:

- Activity 3.1: Development of a national investment framework for climate induced floods risk reduction and management including provisions for private sector engagement in climate risk financing and for risk transfer mechanisms.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Sincerely,

Zlatan Filipović
Director
Bosna Reinsurance Co. Ltd.



Društvo je registrovano kod Općinskog suda Sarajevo, Rješenje br. 065-0-Reg-18-002867
Trn: 1610000004490044 Raiffeisen Bank d.d. Sarajevo
Trn: 1540011100374760 Intesa Sanpaolo Banka d.d. Sarajevo
ID br: 420006680006 PDV br: 20006680006



"AGENCIJA ZA VODNO PODRUČJE RIJEKE SAVE"
SARAJEVO



"SAVA RIVER WATERSHED AGENCY"
SARAJEVO

Adresa: **Ul. Hamdije Čemerlića 39 a**
71000 Sarajevo
<http://www.voda.ba>

tel. +387 33 726 400
fax. +387 33 726 423
e – mail: info@voda.ba

To: Mrs. Adriana Dinu
UNDP-GEF Executive Coordinator and
The Green Climate Fund (GCF)

Naš znak/Our ref.: **10 – 717 – 1 /19**

Vaš znak/Your ref.:

Datum /Date, 03.07.2019. godine

PREDMET: Letter of the support to the project proposal, delivered

Dear Mrs. Adriana Dinu,

Water Agency for Sava River Basin (hereinafter referred to as the Agency), Sarajevo manages watershed which covers part of the international Danube river basin (part related to Sava international sub-river basin) located on the territory of Federation of Bosnia and Herzegovina.

The Agency would like, via this Letter, to express its support to the project proposal "Scaling up climate resilient flood risk management" which is to be submitted to the Green Climate Fund by UNDP, and is aligned with Agency's strategic objectives.

Herewith, we would like to confirm our readiness to co-finance the above project during the period 2020-2026, in line with the Agency's authorities as indicated in Law on Waters (Official Gazette of Federation Bosnia and Herzegovina no. 70 of 20 Nov 2006). Our contribution in the amount of USD 16 million will be used to co-finance the below activities, as described in the project proposal:

- Expansion of the hydrometric network for enhanced monitoring of climate variables
- Enhancing hydrological and hydraulic modelling, taking into consideration climate changes, for determining flood hazard and risk
- Developing flood forecasting and early warning system, with development and implementation of protocol and Standard operational procedures for data gathering and analysis
- Implementation and scaling-up of non-structural flood risk reduction measures
- Implementation of flood risk reduction measures in urban areas
- Capacity building.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Respectfully,


DIRECTOR
Sejad Delić, dipl.inž.

Delivered:
☉ Title,
- Sector 10,
- a/a



UDRUŽENJE DRUŠTAVA ZA OSIGURANJE
U FEDERACIJI BOSNE I HERCEGOVINE

Broj: 165/19

Sarajevo, 10.12.2019. godine

Gđa Adriana Dinu
UNDP-GEF izvršni koordinator
i Zeleni klimatski fond (GCF)

Predmet: Pismo podrške projektnom prijedlogu „Povećanje ulaganja u smanjenje poplavnog rizika“ UNDP

Poštovana gospođo Dinu,

Udruženje društava za osiguranje u Federaciji Bosne i Hercegovine (u daljem tekstu UDO FBiH) je neprofitna institucija sa sjedištem u Sarajevu nastala dobrovoljnim povezivanjem osiguravajućih društava sa ciljem unapređenja struke osiguranja i ostvarivanja zajedničkih interesa i ciljeva u skladu sa zakonskim propisima. UDO FBiH djeluje u skladu sa zakonskim propisima i ovlašteno je, pored ostalog, za pokretanje inicijative kod nadležnih organa za donošenje i izmjene zakonskih propisa iz oblasti osiguranja, te po potrebi, pribavljanje autentičnih tumačenja zakonskih i podzakonskih propisa i preduzimanje drugih pravnih radnji u svim vrstama postupaka na teritoriji Federacije Bosne i Hercegovine.

UDO FBiH ovim dopisom iskazuje svoju podršku projektnom prijedlogu „Povećanje ulaganja u smanjenje poplavnog rizika“, koji UNDP podnosi Zelenom klimatskom fondu i koji je usklađen sa ciljevima Udruženja.

Ovim iskazujemo našu spremnost da, u okviru programskih aktivnosti UDO FBiH, podržimo gore navedeni projekat tokom perioda 2020.-2026., a u skladu sa nadležnostima koje ima UDO FBiH, a koje su propisane Zakonom o udruženjima i fondacijama F BiH (Službene novine Federacije BiH, br. 45/02) i Zakonom o osiguranju (Službene novine Federacije BiH, broj 23/17). Naš doprinos će se ogledati kroz finansiranje aktivnosti UDO FBiH u iznosu od USD 300,000 koje bi bile komplementarne sa slijedećim aktivnostima koje su opisane u projektnom dokumentu:

- Aktivnost 3.1: Investicioni okvir za smanjenje i upravljanje rizicima od poplava uzrokovanih klimatskim promjenama uz uključivanje privatnog sektora u mehanizme finansiranja rizika i transfer rizika.

Gore navedena podrška se podrazumijeva samo u slučaju obezbjeđenja sredstava Zelenog klimatskog fonda, kao što je i navedeno u projektnom prijedlogu.

S poštovanjem



Generalni sekretar
UDO FBiH:

mr. sc. Ermin Čengić



UDRUŽENJE DRUŠTAVA ZA OSIGURANJE
U FEDERACIJI BOSNE I HERCEGOVINE

To: Mrs. Adriana Dinu

Sarajevo, 10.12.2019.

Our Ref.: 165/19

UNDP-GEF Executive Coordinator and

The Green Climate Fund (GFC)

Subject: Co-financing Letter to UNDP Scaling up climate resilient flood risk management Project Proposal

Dear Mrs. Dinu,

Association of Insurance Companies of Federation of Bosnia and Herzegovina (hereinafter: UDO FBiH) is a non-profit institution with its headquarter in Sarajevo established by association of insurance companies with the aim of advancing the insurance profession and realizing joint ventures interests and goals in accordance with legal regulations. UDO FBiH operates in accordance with the law regulations and is authorized, *inter-alia*, to make initiatives with the competent authorities for enactment and amendment of legal regulations in the field of insurance, and, if necessary, acquisition of authentic interpretations of laws and bylaws and taking other legal actions in all types of proceedings on the territory of the Federation of Bosnia and Herzegovina.

In this letter, UDO FBiH expresses its support for the project proposal "Scaling up climate resilient flood risk management", which UNDP submits to the Green Climate Fund, and which is in line with the goals of the Association.

We hereby express our readiness to support, within the program activities of the UDO FBiH, the above project during the period 2020-2026, in accordance with the competencies of UDO FBiH, which are prescribed by the Law on Associations and Foundations of the FBiH (Official Gazette of the Federation of BiH, no. 45/02) and the Law on Insurance (Official Gazette of the Federation of BiH, number 23/17). This contribution will be reflected in the financing of the activities of the UDO FBiH in the amount of USD 300,000 which would be complementary to the following activities described in project document:

- Activity 3.1: Development of a national investment framework for climate induced floods risk reduction and management including provisions for private sector engagement in climate risk financing and for risk transfer mechanisms.

The above support will be conditional upon securing GCF support, as indicated in the GCF funding proposal.

Sincerely,

Ermin Cengic

General Secretary

UDO FBiH

/signature/stamp/



REPUBLIC OF SRPSKA
MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT

Trg Republike Srpske 1, Banja Luka, tel: 051/338-368; 338-415; www.vladars.net, E-mail: mps@mps.vladars.net

Ref. no. 12.07-337-458-2/19
Banja Luka, April 22, 2020

To: Mrs. Steliana Nedera
Resident Representative
UNDP, Bosnia and Herzegovina

Dear Mrs. Nedera,

Ministry of Agriculture, Forestry and Water Management of Republika Srpska (hereinafter referred to as the Ministry) supports the project proposal "Scaling up climate resilient flood risk management" which is to be submitted to the Green Climate Fund by UNDP, and has already provided co-financing contribution of Eur 22.5 Million, as indicated in our letter ref no. 12.07-337-458/19 of 19 Nov 2019.

In addition to above, the Ministry, as one of the major partners and stakeholders of the project will actively participate in project implementation and provide operations and maintenance through the period of 20 years for:

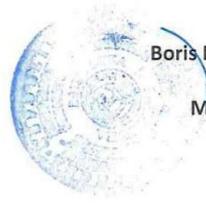
- equipment purchased within the project
- data management and early warning system
- maintenance of the flood risk management measures.

Specification of the above equipment and activities is given in the Annex to this letter.

Our operations and maintenance obligations of the flood risk management measures which will be implemented via European Investment Bank (EIB) loan and are indicated as co-financing to this project and, are regulated via our contractual obligations with EIB.

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges.

Sincerely,



Boris Pašalić, PhD
Minister

Suggested Measures	Maintenance Activity	AMOUNT BY YEAR, \$ (with 1 % / annum on initial cost estimate)												Total								
		Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12		Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20
Rehabilitation of the Vrbanja River bed in Banja Luka	Removal of flood deposit and sediments	16,364	16,528	16,693	16,860	17,029	17,199	17,371	17,545	17,720	17,897	18,076	18,257	18,440	18,624	18,810	18,998	19,188	19,380	19,574	19,770	360,322
	Vegetation control on the banks	7,013	7,083	7,154	7,226	7,298	7,371	7,445	7,519	7,594	7,670	7,747	7,824	7,903	7,982	8,062	8,142	8,224	8,306	8,389	8,473	154,424
	Vegetation control in the riverbed, riverbank and 5m from the banks	3,834	3,872	3,911	3,950	3,990	4,030	4,070	4,111	4,152	4,193	4,235	4,278	4,320	4,364	4,407	4,451	4,496	4,541	4,586	4,632	84,424
Revitalization of Borna channel in Gradiska Municipality	Removal of flood deposit and sediments	53,346	53,880	54,419	54,963	55,513	56,068	56,628	57,195	57,767	58,344	58,928	59,517	60,112	60,713	61,320	61,934	62,553	63,178	63,810	64,448	1,174,636
	Vegetation control in the riverbed, riverbank and 5m from the banks	22,863	23,091	23,322	23,556	23,791	24,029	24,269	24,512	24,757	25,005	25,255	25,507	25,762	26,020	26,280	26,543	26,808	27,076	27,347	27,621	503,416
	Removal of flood deposit and sediments	27,949	28,229	28,511	28,796	29,084	29,375	29,669	29,965	30,265	30,568	30,873	31,182	31,494	31,809	32,127	32,448	32,773	33,100	33,431	33,766	615,413
Flood protection of the settlement Bare, City of Doboj	Vegetation control in the riverbed, riverbank and 5m from the banks	11,978	12,098	12,219	12,341	12,465	12,589	12,715	12,842	12,971	13,100	13,231	13,364	13,497	13,632	13,769	13,906	14,045	14,186	14,328	14,471	263,748
	Removal of flood deposit and sediments	11,110	11,221	11,333	11,446	11,561	11,676	11,793	11,911	12,030	12,150	12,272	12,395	12,519	12,644	12,770	12,898	13,027	13,157	13,289	13,422	244,623
	Vegetation control in the riverbed, riverbank and 5m from the banks	4,761	4,809	4,857	4,906	4,955	5,004	5,054	5,105	5,156	5,207	5,259	5,312	5,365	5,419	5,473	5,528	5,583	5,639	5,695	5,752	104,838
Rehabilitation of channels network in area of PS	Removal of flood deposit and sediments	4,866	4,915	4,964	5,014	5,064	5,115	5,166	5,217	5,270	5,322	5,376	5,429	5,484	5,538	5,594	5,650	5,706	5,763	5,821	5,879	107,153

Suggested Measures	Maintenance Activity	AMOUNT BY YEAR, \$ (with 1 % / annum on initial cost estimate)													Total							
		Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13		Y14	Y15	Y16	Y17	Y18	Y19	Y20
Construction of a bank revetment on the left bank starting from the New-Japanese Bridge in Doboj towards downstream at a length of approximately 1,5 km.	Removal of flood deposit and sediments	3,174	3,206	3,238	3,270	3,303	3,336	3,369	3,403	3,437	3,471	3,506	3,541	3,576	3,612	3,648	3,685	3,722	3,759	3,796	3,834	69,885
	Vegetation control in the riverbed, riverbank and 5m from the banks	1,360	1,374	1,388	1,401	1,415	1,430	1,444	1,458	1,473	1,488	1,503	1,518	1,533	1,548	1,564	1,579	1,595	1,611	1,627	1,643	29,951
Construction of protective structures in Dobor settlement: • Regulation of the main riverbed of the Bosna River at a length of 2,500 m • Construction of a protective embankment along the Bosna River at a length of 2,900 m • Construction of an embankment along the Dusa River with a length of 250 m and the structure on the mouth of the Dubokovac canal.	Removal of flood deposit and sediments	5,730	5,787	5,845	5,903	5,962	6,022	6,082	6,143	6,204	6,266	6,329	6,392	6,456	6,521	6,586	6,652	6,718	6,786	6,854	6,922	126,161
	Vegetation control in the riverbed, riverbank and 5m from the banks	2,456	2,480	2,505	2,530	2,555	2,581	2,607	2,633	2,659	2,686	2,712	2,740	2,767	2,795	2,823	2,851	2,879	2,908	2,937	2,967	54,069
Regulation of the canal of the Gomjenica River in the area of the City of Prijedor from the confluence with the Sana River and upstream at a length of approximately 4 km.	Removal of flood deposit and sediments	5,045	5,095	5,146	5,198	5,250	5,302	5,355	5,409	5,463	5,517	5,573	5,628	5,685	5,741	5,799	5,857	5,915	5,975	6,034	6,095	111,081
	Vegetation control in the riverbed, riverbank and 5m from the banks	9,900	9,999	10,099	10,200	10,302	10,405	10,509	10,614	10,720	10,827	10,936	11,045	11,156	11,267	11,380	11,494	11,609	11,725	11,842	11,960	211,988

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total	
		including salaries																						
Monitoring devices	30.00	O&M for purchased water level sensors	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	330,000.00
	60.00	O&M for staff gauges	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total		
50 m, with casing and installation of equipment																									
Groundwater Monitoring network in other Sava river sub-basins in Republika Srpska (Una with Sava river basin, Vrbas river basin, Bosna river basin and Ukrina river basin); boreholes with average depth up to 30 m, with casing and installation of equipment.	30.00	O&M for purchased equipment	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	6,300.00	126,000.00	
		Cost of management of the early warnings related to the hydro-meteorological disasters including salaries	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	700,000.00
FFEWS	1.00	Cost of management of hydro-meteorological hazards and risk zones periodic assessment, detection and mapping.	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	350,000.00

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total	
Ground Water Monitoring System in Trebišnjica HPS: Installation of the appropriate measuring equipment into existing piezometers which are out of function or never were installed with measuring equipment: Fatničko polje edges, Dabarsko polje edges, Jasen and Ljubomirsko polje, Ceritčko polje, Gatačko polje, Nevesinjsko polje	24	O&M for purchased equipment	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	17,280.00	345,600.00
Ground Water Monitoring System in Trebišnjica HPS: Performing piezometer 100 and 200 m deep, with installation of equipment on following locations: average depth of 180 m: Bileća reservoir edges, Bilečko polje, Bijela Rudina area, Međa Gruda area, Ljubomirsko polje and, Jasen, Nevesinjsko polje	18.00	O&M for purchased equipment	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	32,760.00	655,200.00
Groundwater Monitoring network in other Sava river sub-basins in Republica Srpska (Una with Sana river basin, Vrbas river basin, Bosna river basin and Ukrina river basin); boreholes with average depth up to	10.00	O&M for purchased equipment	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	3,400.00	68,000.00

Annex

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total	
Automatic Hydrological stations: Measurement: level and depth of the water, pressure, temperature.	23.00	O&M for purchased hydrological stations	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	12,190.00	243,800.00
Meteorological Stations: GMS program Measurement: Temperature (t, tmin, tmax, tmins), Humidity, Wind, pressure, precipitation, insulation, snow depth, soil temperature per depth (2 cm, 5 cm, 10 cm, 20 cm, 30 cm, 50 cm, 100 cm) AMS sensors: precipitation, temperature, wind, humidity, pressure, snow depth, percentage of water in snow. AMS sensori: Soil temperature up to 1m of (5 cm, 10 cm, 50 cm, 100 cm) Humidity of soil up to 1 m (5 cm, 10 cm, 50 cm, 100 cm) humidity of leaves	10.00	O&M for purchased stations	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	15,500.00	310,000.00

Durić (Tinja-Tolisa)	2,086	2,106	2,128	2,149	2,170	2,192	2,214	2,236	2,258	2,281	2,304	2,327	2,350	2,374	2,397	2,421	2,446	2,470	2,495	2,520	45,923
Vegetation control in the riverbed, riverbank and 5m from the banks	15,086	15,608	15,764	15,922	16,081	16,242	16,404	16,568	16,734	16,902	17,071	17,241	17,414	17,588	17,764	17,941	18,121	18,302	18,485	18,670	340,276
Rehabilitation and raising of dyke on the GOK channel in the City of Bijeljina	6,623	6,689	6,756	6,824	6,892	6,961	7,030	7,101	7,172	7,244	7,316	7,389	7,463	7,538	7,613	7,689	7,766	7,844	7,922	8,001	145,833
Vegetation control in the riverbed, riverbank and 5m from the banks	5,255	5,307	5,360	5,414	5,468	5,523	5,578	5,634	5,690	5,747	5,804	5,862	5,921	5,980	6,040	6,100	6,161	6,223	6,285	6,348	115,700
Removal of flood deposit and sediments	2,252	2,274	2,297	2,320	2,343	2,367	2,390	2,414	2,439	2,463	2,488	2,512	2,538	2,563	2,589	2,614	2,641	2,667	2,694	2,721	49,586
Vegetation control in the riverbed, riverbank and 5m from the banks	13,687	13,824	13,962	14,102	14,243	14,385	14,529	14,674	14,821	14,969	15,119	15,270	15,423	15,577	15,733	15,890	16,049	16,209	16,371	16,535	301,370
Removal of flood deposit and sediments	5,866	5,924	5,984	6,044	6,104	6,165	6,227	6,289	6,352	6,415	6,479	6,544	6,610	6,676	6,743	6,810	6,878	6,947	7,016	7,087	129,159
Vegetation control in the riverbed, riverbank and 5m from the banks	7,873	7,952	8,031	8,112	8,193	8,275	8,357	8,441	8,525	8,611	8,697	8,784	8,872	8,960	9,050	9,140	9,232	9,324	9,417	9,511	173,356
Cleaning of areas near canals and dykes in north RS	3,374	3,408	3,442	3,476	3,511	3,546	3,582	3,618	3,654	3,690	3,727	3,764	3,802	3,840	3,879	3,917	3,956	3,996	4,036	4,076	74,296



AGENCIJA ZA
VODNO PODRUČJE JADRANSKOG MORA
MOSTAR

Dr. Ante Starčevića bb
88000 Mostar
Bosnia i Hercegovina

Tel. ++387 36 397-881, 397-882

Fax: ++387 36 397-883

Br:21-1/21-12-210/20

Datum: 21.04.2020. god.

**To: Mrs. Steliana Nedera
Resident Representative
UNDP, Bosnia and Herzegovina**

Dear Mrs. Nedera,

Water Agency for Adriatic Sea Watershed (hereinafter referred to as the Agency) supports the project proposal “Scaling up climate resilient flood risk management in B&H” which is to be submitted to the Green Climate Fund by UNDP, and has already provided co-financing contribution of USD 5 Million, as indicated in our letter ref no. 21-1/49-1-231/19 dated 24 May 2019.

In addition to above, the Agency, as one of the major partners and stakeholders of the project will actively participate in project implementation and provide operations and maintenance through the period of 20 years for:

- equipment purchased within the project
- maintenance of the flood risk management measures.

Specification of the above equipment and activities is given in the Annex to this letter.

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges.

Sincerely,


DIRECTOR:

Damir Mrđen

Registracija agencije:
Općinski sud u Mostaru
Registracijski broj:
TI-O-919/07

Identifikacijski broj:
4227123060007

Korisnička banka i broj računa:
Unikredit Zagrebačka banka BH d.d. Mostar
Broj računa: 338-100-22003965-22

Annex

Suggested Measures	Maintenance Activity	AMOUNT BY YEAR, \$ (with 1 % / annum on initial cost estimate)													Total							
		Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13		Y14	Y15	Y16	Y17	Y18	Y19	Y20
Rehabilitation of the right defensive embankment on the Krupa River in Višići settlement.	Vegetation control on the banks	5,624	5,681	5,737	5,795	5,853	5,911	5,970	6,030	6,090	6,151	6,213	6,275	6,338	6,401	6,465	6,530	6,595	6,661	6,727	6,795	123,841
Flood deposit removal and rehabilitation of damaged banks of the Neretva River at the Struge-Čapljina section	Removal of sediments	3,937	3,976	4,016	4,056	4,097	4,138	4,179	4,221	4,263	4,306	4,349	4,392	4,436	4,481	4,525	4,571	4,616	4,663	4,709	4,756	86,689
	Vegetation control in the riverbed, riverbank and 5m from the banks	1,687	1,704	1,721	1,738	1,756	1,773	1,791	1,809	1,827	1,845	1,864	1,882	1,901	1,920	1,939	1,959	1,978	1,998	2,018	2,038	37,152

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total		
Server (ICT equipment)	1.00	O&M for purchased ICT equipment	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	60,000.00
		Cost of management of the early warnings related to the hydro-meteorological disasters	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	35,000.00	700,000.00
FFEWs	1.00	Cost of management of hydro-meteorological hazards and risk zones periodic assessment, detection and mapping	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	17,500.00	350,000.00



"AGENCIJA ZA VODNO PODRUČJE RIJEKE SAVE"
SARAJEVO



"SAVA RIVER WATERSHED AGENCY"
SARAJEVO

Adresa: **Ul. Hamdije Čemerlića 39 a**
71000 Sarajevo
<http://www.voda.ba>

tel. +387 33 726 400
fax. +387 33 726 423
e-mail: info@voda.ba

To: Mrs. Steliana Nedera
Resident Representative
UNDP, Bosnia and Herzegovina

Naš znak/Our ref.: **10 – 458 – 2 / 20**

Vaš znak/Your ref.:

Datum /Date, Sarajevo, 20.04.2020. godine

Dear Mrs. Nedera,

Water Agency for Sava River Basin (hereinafter referred to as the Agency) supports the project proposal "Scaling up climate resilient flood risk management in B&H" which is to be submitted to the Green Climate Fund by UNDP, and has already provided co-financing contribution of USD 16 Million, as indicated in our letter ref no. 10-717-1/19 of 03 Jun 2019.

In addition to above, the Agency, as one of the major partners and stakeholders of the project will actively participate in project implementation and provide operations and maintenance through the period of 20 years for:

- equipment purchased within the project
- maintenance of the flood risk management measures.

Specification of the above equipment and activities is given in the Annex to this letter.

We would like to thank the GCF and UNDP for the continued support in addressing current and future climate challenges.

Sincerely,


DIRECTOR

Sejad Delić, dipl.inž.

Annex

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total	
Supply of groundwater monitoring stations for measuring profiles of the most significant karst springs	9	O&M for purchased groundwater monitoring stations	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	16,380.00	327,600.00
Supply of Meteorological Stations: GMS program Measurement: Temperature (t, tmin, tmax, tmins), Humidity, Wind, pressure, precipitation, insulation, snow depth, soil temperature per depth:(2 cm, 5 cm, 10 cm, 20 cm, 30 cm, 50 cm, 100 cm) AMS sensors: precipitation, temperature, wind, humidity,	16	O&M for purchased meteorological stations	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	24,800.00	496,000.00

Procurement	Quantity	Activities	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Total	
pressure, global radiation, snow depth, percentage of water in snow. AAS senzori: Soil temperature up to 1m of (5 cm, 10 cm, 50 cm i 100 cm) Humidity of soil up to 1 m (5 cm, 10 cm, 50 cm i 100 cm) humidity of leaves	30.00	O&M for purchased water level sensors	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	16,500.00	330,000.00
			1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00
Monitoring devices	60.00	O&M for staff gauges	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00	1,320.00

Suggested Measures	Maintenance Activity	AMOUNT BY YEAR, \$ (with 1 % / annum on initial cost estimate)													Total							
		Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13		Y14	Y15	Y16	Y17	Y18	Y19	Y20
Completion of flood protection line in urban areas (Sava River Basin) - Gračanica River Spreča - cross entity river	Removal of flood deposit and sediments	20,669	20,876	21,085	21,296	21,509	21,724	21,941	22,160	22,382	22,606	22,832	23,060	23,291	23,524	23,759	23,996	24,236	24,479	24,724	24,971	455,117
	Vegetation control in the riverbed, riverbank and 5m from the banks	8,858	8,947	9,036	9,127	9,218	9,310	9,403	9,497	9,592	9,688	9,785	9,883	9,982	10,082	10,182	10,284	10,387	10,491	10,596	10,702	195,050
Completion of flood protection line in urban areas (Sava River Basin) – Maglaj	Removal of flood deposit and sediments	2,894	2,923	2,952	2,981	3,011	3,041	3,072	3,102	3,133	3,165	3,196	3,228	3,261	3,293	3,326	3,359	3,393	3,427	3,461	3,496	63,716
	Vegetation control in the riverbed, riverbank and 5m from the banks	1,240	1,253	1,265	1,278	1,291	1,303	1,316	1,330	1,343	1,356	1,370	1,384	1,397	1,411	1,426	1,440	1,454	1,469	1,483	1,498	27,307
Completion of flood protection line in urban areas (Sava River Basin) – Lukavac	Removal of flood deposit and sediments	12,402	12,526	12,651	12,777	12,905	13,034	13,165	13,296	13,429	13,563	13,699	13,836	13,974	14,114	14,255	14,398	14,542	14,687	14,834	14,982	273,070
	Vegetation control in the riverbed, riverbank and 5m from the banks	5,315	5,368	5,422	5,476	5,531	5,586	5,642	5,698	5,755	5,813	5,871	5,930	5,989	6,049	6,109	6,171	6,232	6,295	6,357	6,421	117,030