



Gestione del Rischio Idraulico per il bacino del
fiume Vipacco ed ulteriori bacini transfrontalieri
Upravljanje poplavne ogroženosti na porečju
reke Vipave in na ostalih čezmejnih porečjih

WP 3.2

Attività preparatorie correlate alla gestione del rischio
alluvione

Pripravljalne aktivnosti povezane z upravljanjem
poplavne ogroženosti

Občina Vipava - Municipality of Vipava



VISFRIM FINAL CONFERENCE

28.06.2022



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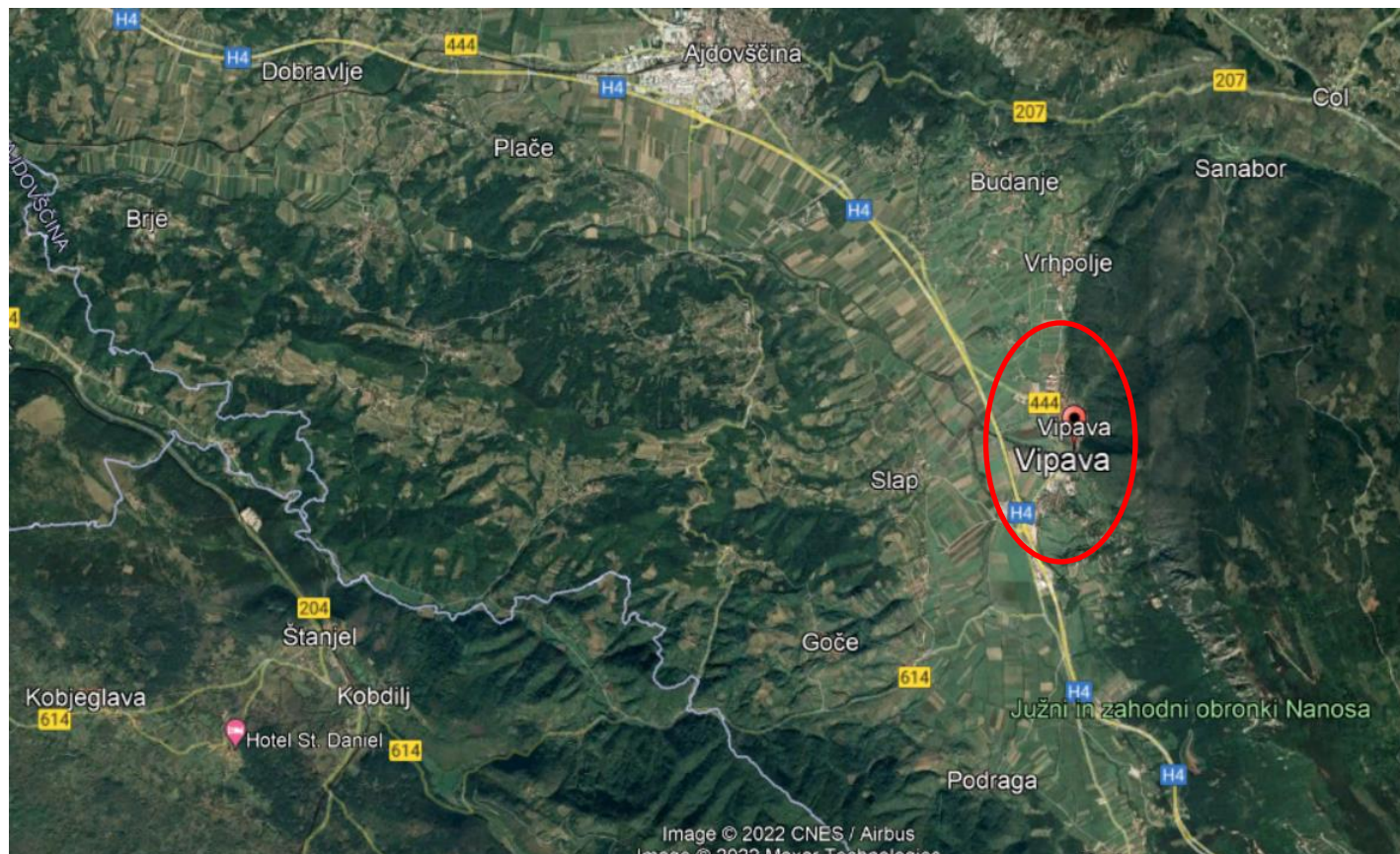
Municipality of Vipava

The objective of the WP3.2 is to reduce the hydraulic hazard and therefore the flood risk in the program area through the elaboration of project documentation/cost-benefit analysis in order to implement small-scale structural investments. The study is also the basis for determining the necessary order of priority of flood protection measures. The study itself does not include building permits for mitigation measures, however, it represents the basis to apply for.



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Existing condition

The settlement of Vipava lies in the basin of the Vipava watercourse and the Bela watercourse. Most of the settlement area is located in the area of significant flood impact, which is caused by both watercourses.

In detail OPVPs are specific areas in Slovenia estimated as highest flood risk areas determined in the framework for EU flood directive. Due to the relatively large flood areas, the Vipava settlement is very limited in the desired development goals. Flood zones also pose a threat to the local population: roads are closed, the number of areas for the construction of residential buildings are reduced. The decision of the municipality to carry out a study for the design of flood risk reduction measures in selected areas of Vipava, was therefore made with the purpose of acquiring flood-safe areas, where development activities/residential potentials could be placed later on.

Areas, for which it is necessary ensuring acceptable flood safety with the planned mitigation measures are shown. Such areas shown are flooded by the watercourses Vipava, Močilnik, Gacka and the smaller stream Polžarica.



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Floods in Vipava





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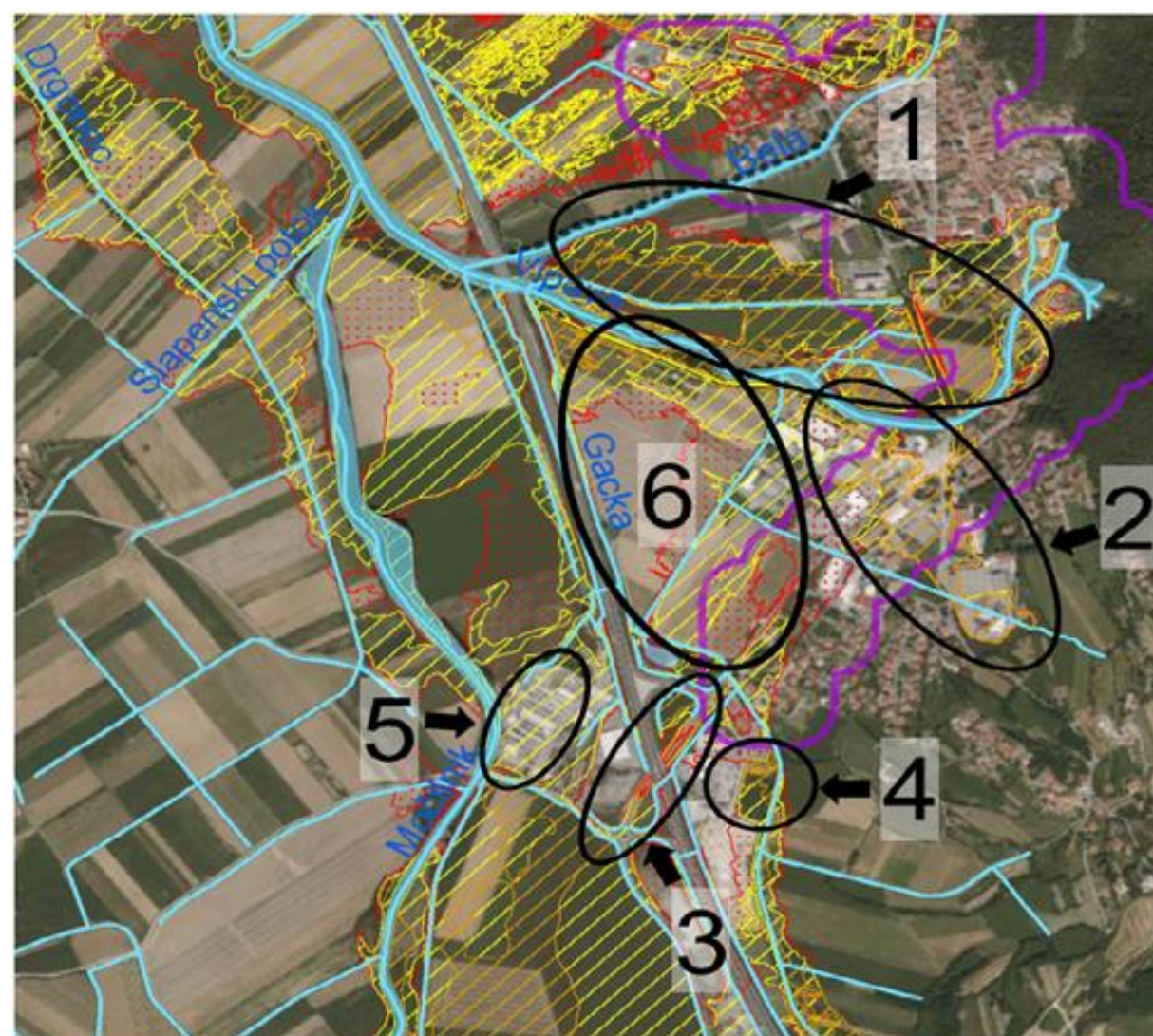


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Flood areas identified to make flood analysis in VISFRIM project

Legend	
	Area of significant flood impact OPVP 61 – Vipava
	High flood hazard
	Medium flood hazard
	Low flood hazard
	Rest of flood hazard (extreme)
Area	Name
1	Frnaža in police (Vipava)
2	Along the Vinarska road and industial zone Mlekarna (Polžarica)
3	Underpass of the reginal road Manče-Vipava under the H4 expressway
4	Industial zone V2
5	Industial zone Fama (Močilnik)
6	Under the villa Ana (Gacka)





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Conclusion

For the selected areas in the municipality of Vipava, hydrological and hydraulic analysis and expert bases for the implementation of measures to reduce flood risk were prepared. A full 2D hydraulic model was developed, new hydrological starting points were used (Water Agency, 2021) and flood and erosion maps were prepared for the existing and forecasted condition (with proposed measures). Descriptions are given for all measures, accompanied by the basic characteristics of the proposals (dimensions, geometry, size of the retainer, placement in space). All the proposed measures aim to ensure or improve flood safety in selected areas, while minimally interfering in the watercourse riverbeds, thus preserving the habitats and morphology of existing watercourses.



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Conclusion

PLANS FOR FUTURE IMPLEMENTATION OF THE MEASURES PROVIDED IN VISFRIM PROJECT:

- **Agreement with Water Agency to implement the proposed measurements,
signed in June, 2022**



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Progetto finanziato nell'ambito del Programma Interreg V-A Italia-Slovenia 2014-2020, dal Fondo europeo di sviluppo regionale e dai fondi nazionali.

Projekt sofinanciran v okviru Programa ezmejnega sodelovanja Slovenija-Italija 2007-2013 iz sredstev Evropskega sklada za regionalni razvoj in nacionalni h sredstev.

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FESR/ESRR: EUR 2.499.374,96

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Cofinanziamento nazionale sloveno: EUR 213.000,00

Cofinanziamento privato/Zasebno: : EUR 0,00

<https://www.ita-slo.eu/it/visfrim>



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Partenariato/Partnerji:



Autorità di bacino distrettuale delle Alpi Orientali



ARSO HYDRO
Slovenian Environment Agency



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE IN PROSTOR
DIREKCIJA REPUBLIKE SLOVENIJE ZA VODE



REGIONE DEL VENETO



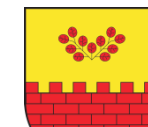
Postojna



Občina
Šempeter-Vrtojba



MESTNA OBČINA
NOVA GORICA



Miren-Kostanjevica



Città metropolitana
di Venezia

Interreg

ITALIA-SLOVENIJA



VISFRIM

Progetto strategico co-finanziato dal Fondo europeo di sviluppo regionale
Strateški projekt sofinancira Evropski sklad za regionalni razvoj



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Hvala za pozornost! Grazie per l'attenzione!

Municipal website:
www.obcina.vipava.si

<https://www.ita-slo.eu/it/visfrim>