

## **WATSAN FBiH**

**Opportunity for Investment/**

**Mogućnost investiranja**

**DONOR COORDINATION FORUM**  
**June 23, 2015**

# Facts & Figures/ Osnovne činjenice

- Currently the Project is being carried out by 19 participating municipalities
- The initial Project cost estimate was €121.3 M;
- Trenutno je u projekat uključeno 19 općina u FBiH
- Inicijalni troškovi Projekta su procijenjeni na € 121.3 M

| Source of financing<br>Izvor financiranja | Amount €M<br>Iznos €M |
|---|-----------------------|
| EIB Loan                                  | 60.0                  |
| National Resources                        | 36.4                  |
| IFIs and donors                           | 24.9                  |
| <b>TOTAL</b>                              | <b>121.3</b>          |



# Financing summary (present state)/

## Finansijski pregled (trenutno stanje)

|                         | Planned New Investments<br><b>Planirano</b><br>(EUR) | Contracted<br><b>Ugovoreno</b><br>(EUR) | Executed<br><b>Provedeno</b><br>(EUR) | %<br>(4/3)   |
|-------------------------|--|---|---------------------------------------|--------------|
| 1                       | 2  | 3                                       | 4                                     | 5            |
| <b>EIB loan</b>         | 48,788,242   | 9,909,112                               | 2,115,694                             | 21.35        |
| <b>MW 2008</b>          | 2,891,186  | 2,752,832                               | 0,00                                  | 0.00         |
| <b>IPA 2009</b>         | 7,970,171  | 7,695,266                               | 1,735,326                             | 22.55        |
| <b>SIDA<sup>1</sup></b> | 4,076,569  | n.a.                                    | n.a.                                  | n.a.         |
| <b>National Con.</b>    | 20,592,690   | 265,389                                 | 265,389                               | 100.00       |
| <b>New grant</b>        | 9,798,641  | n.a.                                    | n.a.                                  | n.a.         |
| <b>Total (EUR)</b>      | <b>94,117,799</b>                                    | <b>20,622,601</b>                       | <b>4,116,409</b>                      | <b>19.96</b> |

1 – proposed to be co-financed from the SIDA grant

1- prijedlog ko-finansiranje iz SIDA grant sredstava

# Financing Plan/ Finansijski plan

| Municipality  | Total New Investments (excl. VAT) updated | Municipal contribution (updated budget) | EIB loan allocation                | EU IPA 2009 grant allocation     | EU MW 2008 grant allocation      | SIDA grant allocation proposal   | Financing Gap (EUR)               |
|---------------|---|---|------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| Mostar        | 11,795,572                                | 947,425                                 | 8,000,000                          | 2,848,147                        | 0                                | 0                                | 0                                 |
| Jajce         | 8,816,625                                 | 3,192,355                               | 3,984,604                          | 299,245                          | 0                                | 0                                | 1,340,419                         |
| Konjic        | 7,574,850                                 | 2,162,346                               | 3,463,349                          | 1,577,815                        | 0                                | 371,341                          | 0                                 |
| Prozor- Rama  | 7,386,833                                 | 660,312                                 | 4,346,001                          | 1,278,198                        | 0                                | 1,102,323                        | 0                                 |
| Gračanica     | 3,635,274                                 | 499,480                                 | 2,221,604                          | 0                                | 0                                | 0                                | 914,190                           |
| Orašje        | 5,355,468                                 | 1,239,545                               | 2,331,548                          | 506,958                          | 727,417                          | 550,000                          | 0                                 |
| Vel. Kladuša  | 7,858,522                                 | 2,159,203                               | 3,300,000                          | 0                                | 0                                | 0                                | 2,399,320                         |
| Bos.Petrovac  | 2,851,825                                 | 316,376                                 | 1,278,230                          | 425,938                          | 100,000                          | 700,000                          | 31,281                            |
| Doboj Jug     | 2,579,610                                 | 1,313,008                               | 897,371                            | 369,231                          | 0                                | 0                                | 0                                 |
| Glamoč        | 1,261,000                                 | 177,000                                 | 768,000                            | 0                                | 0                                | 0                                | 316,000                           |
| Široki Brijeg | 5,700,147                                 | 323,124                                 | 2,798,050                          | 271,878                          | 558,245                          | 1,352,906                        | 395,944                           |
| Čitluk        | 1,025,637                                 | 159,636                                 | 613,550                            | 252,450                          | 0                                | 0                                | 0                                 |
| Bos.Grahovo   | 1,403,637                                 | 316,212                                 | 770,568                            | 0                                | 0                                | 0                                | 316,857                           |
| Tomislavgrad  | 6,480,000                                 | 834,167                                 | 4,000,000                          | 140,309                          | 1,505,524                        | 0                                | 0                                 |
| Bos. Krupa    | 2,984,280                                 | 432,230                                 | 1,808,094                          | 0                                | 0                                | 0                                | 743,955                           |
| Lukavac       | 6,303,782                                 | 891,336                                 | 3,350,000                          | 0                                | 0                                | 0                                | 2,062,446                         |
| Tešanj        | 11,104,737                                | 4,969,234                               | 4,857,273                          | 0                                | 0                                | 0                                | 1,278,230                         |
| (Kupres)      | (1,390,500)                               | (334,127)                               | (748,405)                          | (0)                              | (0)                              | (0)                              | (307,968)                         |
| (Usora)       | (1,204,447)                               | (181,569)                               | (724,675)                          | (0)                              | (0)                              | (0)                              | (298,203)                         |
| <b>Total</b>  | <b>94,117,799<br/>(96,712,746)</b>        | <b>20,592,990<br/>(21,108,686)</b>      | <b>48,788,242<br/>(50,261,322)</b> | <b>7,970,171<br/>(7,970,171)</b> | <b>2,891,186<br/>(2,891,186)</b> | <b>4,076,569<br/>(4,076,569)</b> | <b>9,798,642<br/>(10,404,813)</b> |



# Opportunities for Investments/ Mogućnosti investiranja

- Total investments: 94,117,799 (96,712,746)
  - Grant gap: 9,798,642 (10,404,813)
  - Grant implementation period 2016-2018
  - Construction of:
    1. WWTP Lukavac
    2. Central WWTP: Tešanj, Usora, Doboj Jug
    3. Three WTP Gračanica
    4. WWS Jajce
    5. WWTP V. Kladuša
- Ukupne investicije: 94,117,799 (96,712,746)
  - Nedostatak grant sredstava: 9,798,642 (10,404,813)
  - Period implementacije grant sredstava 2016-2018 godina
  - Izgradnja:
    1. UPOV Lukavac
    2. UPOV Central WWTP: Tešanj, Usora, Doboj Jug
    3. Tri UPPV Gračanica
    4. Kanalizacioni sistem Jajce
    5. UPOV V. Kladuša

# WWTP Lukavac/ UPOV Lukavac

- Capacity: 15,000 PE
- Value: 2,962,000 €
- Feasibility Study, 2014
- Preliminary design and TD (YB FIDIC): TA-PPF expected November 2015
- Location secured/ land owner: yes/ municipality
- Proposed technology: Extended aeration activated sludge process

- Kapacitet: 15,000 ES
- Vrijednost: 2,962,000 €
- Studija izvodljivosti iz 2014. godine
- Idejni projekat i tenderska dokumentacija (YB FIDIC) se očekuje u novembru 2015, TA-PPF
- Lokacija obezbijedena/ vlasnik zemljišta: da/ Općina
- Predložena tehnologija: Aktivni mulj sa produženom aeracijom

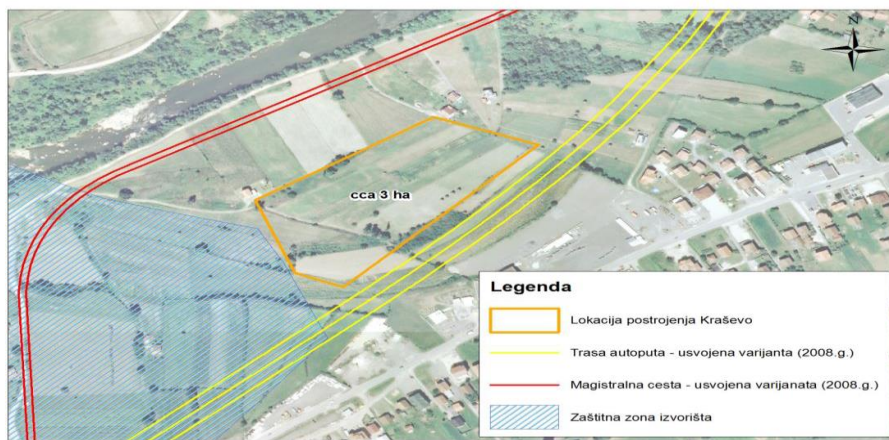




# WWTP Tešanj, Usora, Doboju Jug/ UPOV Tešanj, Usora, Doboju Jug

- Capacity: 35,000 PE
- Value: 4,750,000 €
- Techno-economical analysis, 2015
- Preliminary design and detailed design by selected constructor (YB FIDIC)
- Location secured/ land owner: pending/ private but Municipality planned budget in 2015 for expropriation
- Proposed technology: Conventional activated sludge with nutrient removal

- Kapacitet: 35,000 ES
- Vrijednost: 4,750,000 €
- Tehno ekonomska analiza najpovoljnije varijante iz 2015. godine
- Idejni i glavni projekat će biti izrađeni od strane izabranog izvođača (YB FIDIC)
- Lokacija obezbijedena/ vlasnik zemljišta: u toku/ privatno vlasništvo ali Općina već rezervisala sredstva u budžetu 2015 za otkup
- Predložena tehnologija: Aktivni mulj sa produženom aeracijom





# 3 WTP Gračanica/ 3 UPPV Gračanica

- Number of connected inhabitants: 21,000
- Value: 870,000 €
- Preliminary design and TD (YB FIDIC): TA-PPF expected July 2015
- Location secured/ land owner: yes/ municipality
- Broj korisnika: 21,000
- Vrijednost: 870,000 €
- Idejni projekat i tenderska dokumentacija (YB FIDIC) se očekuje u julu 2015, TA-PPF
- Lokacija obezbijeđena/ vlasnik zemljišta: da/ Općina





# WWS Jajce/ Kanalizacioni sistem Jajce

- Number of connected inhabitants: 2,000
- Value: 650,000 €
- Detailed design completed 2014
- Location secured/ land owner: yes/ municipality
- Construction period: 4 months
- Broj korisnika: 2,000
- Vrijednost: 650,000 €
- Revidovani glavi projekat iz 2014. godine
- Lokacija obezbijedena/ vlasnik zemljišta: da/ Općina
- Trajanje radova: 4 mjeseca





# WWTP Velika Kladuša/ UPOV Velika Kladuša

- Capacity: 15,000 PE
  - Value: 2,300,000 €
  - Feasibility Study, 2008
  - Preliminary design and TD (YB FIDIC): TA-PPF expected November 2015
  - Location secured/ land owner: ne/ private
  - Proposed technology: Diffused Air Oxidation Ditch
- Kapacitet: 15,000 ES
  - Vrijednost: 2,300,000 €
  - Studija izvodljivosti iz 2008. godine
  - Idejni projekat i tenderska dokumentacija (YB FIDIC) se očekuje u novembru 2015, TA-PPF
  - Lokacija obezbijedena/ vlasnik zemljišta: no/ privatno
  - Predložena tehnologija: Difuzni aeracioni bazen

