

## **ANNEX 8.1:**

### **REVITALISATION OF THE DTD GRAND CANAL THROUGH VRBAS - VRBAS-KULA WW PROJECT PRELIMINARY IMPLEMENTATION SCHEDULE**



|              | Project title: Vrbas - Kula WW Project  |                           | 2008       |            |            |            | 2009       |            |            |            | 2010       |            |            |            | 2011       |            |            |            |            |            |
|--------------|---|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Activity No. | Project quarter   | Subject                   | 07-09/2007 | 10-12/2007 | 01-03/2008 | 04-06/2008 | 07-09/2008 | 10-12/2008 | 01-03/2009 | 04-06/2009 | 07-09/2009 | 10-12/2009 | 01-03/2010 | 04-06/2010 | 07-09/2010 | 10-12/2010 | 01-03/2011 | 04-06/2011 | 07-09/2011 | 10-12/2011 |
| 1            | Conditioning, (main) permits, approvals, institutional arrangements   |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 1.1          | Land acquisition  | Municipality              |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 1.2          | Adjustements of the General Project Design: capacity & loadings, phasing, nutrients removal, using the existing WWTP structures | Municipality, Consultants |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 1.3          | Preparation of corresponding Preliminary Project Design with detail BoQ and Equipment schedule                                  | Municipality, Consultants |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 1.4          | Preliminary Project Design review and approval, approvals (water management, etc.) and permits (construction permit, etc.)      | Municipality, Consultants |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2            | Financing   |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.1          | Allocate municipal budget for own contribution  | Municipality              |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.2          | Presentation of the FS to Vrbas, EAR, WD  | MIASP                     |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.3          | Decision WD support   | WD                        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.4          | Identification of EAR-financed component  | MIASP/MISP                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.5          | Approval of the Feasibility study   | EAR                       |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 2.6          | Decision on financial support by EAR  | EAR                       |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3            | Sewerage networks   |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.1          | Finalization of secondary network and service connections in Vrbas town   | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.2          | Transmission pipeline with SPS-s - South (tendering, construction, installation)  | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.3          | Transmission pipeline with SPS-s - West   | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.4          | Collection network with SPS-s - Kucura  | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.5          | Collection network with SPS-s - Zmajevo   | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.6          | Collection network with SPS-s - Backo Dobro Polje   | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.7          | Collection network with SPS-s - Ravno Selo  | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.8          | Collection network with SPS-s - Savino Selo   | Municipality/Contractor   |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 3.9          | Construction supervision  | Municipality/EAR          |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4            | CWWTP Vrbas   |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.1          | Tender preparation  | Municipality/MISP/WD      |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.2          | Tender launching  | Municipality/MISP         |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.3          | Tender evaluation, contract awarding and signing  | Municipality/MISP/WD      |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.4          | Investigation works and detail design   | Contractor                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.5          | Construction and installation works   | Contractor                |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.6          | Trial run and training  | Contractor/TA team        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 4.7          | Construction supervision, TA  | Municipality/EAR/TA team  |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|              |   |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |

