

MINUTES / NOTES OF MEETING

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| Project task | Result 2, Directive-specific implementation plans |
| Event | DSIP Working Group Meeting #1b (Urban Wastewater Treatment Directive) |
| Subject | Methodology for development of the DSIP |
| Date, venue | 29 th April 2022, Tirana International Hotel |
| Prepared by | Friedrich Holzmann |
| Date of issue | 9 th May 2022 |

| Participant | Institution |
|----------------------------|---|
| Johan Willert | Embassy of Sweden |
| Arben Musaj | National Agency of Water Supply, Sewerage and Waste Infrastructure (AKUM) |
| Etleva Demiri | Water Supply Sector Regulatory Authority |
| Gerta Ismailaja | Ministry of Infrastructure and Energy (MIE) |
| Gea Badumi | Ministry of Infrastructure and Energy |
| Arbana Kola (via Zoom) | Water Supply and Sewerage Association of Albania (SHUKALB) |
| Irisi Hoda | The National Environment Agency |
| Hilda Hoti | Agency for the Management of Water Resources (AMBU) |
| Zhaneta Miska | Ministry of Health and Social Welfare (MoH) |
| Polikron Horeshka | Ministry of Tourism and Environment (MTE) |
| Stuart Brown | NIPS Project, Team Leader |
| Friedrich Holzmann | NIPS Project, Senior Water Expert |
| Dirk Matzke | NIPS Project, Principal Sludge Management Expert and Strategic Planner |
| Simone Milanolo | NIPS Project, Senior Wastewater Engineer |
| Aulona Hazbiu | NIPS Project, Legal Expert |
| Elena Stefanoni (via Zoom) | NIPS Project, Senior Legal Expert |
| Odesa Miho | NIPS Project, Gis and Mapping Expert |
| Klodian Koni | NIPS Project, Project Engineer |
| Gentian Mucollari | NIPS Project, Economist |

Attachments

- 1: List of participants
- 2: PowerPoint presentation

Summary of Results:

Discussion during the Working Group meeting included inter alia:

- Legal Issues
- Institutional Issues
- Wastewater Collection
- Wastewater Treatment

1) Legal Issues

- The currently available regulatory framework for indirect industrial polluters (industries discharging to the sewer network) was discussed.
- The technical regulation defining the design and construction of waste water treatment plants is missing.
- The legal basis for the adoption of technical and financial programme for the implementation of art. 17 of the UWWTD is missing

2) Institutional Issues

- Unclear definition of competences in the identification of sensitive areas. The role of the MTE and NAPA in the identification and definition of sensitive areas needs to be clarified (potential conflicting provisions between the Law on Waters and Law on Environmental protection).
- Monitoring: the institutional set up is not clear. The competences related to the water monitoring should be clarified.
- The system of reporting and informing the public is fragmented and not functioning regularly and in a transparent manner.

3) Wastewater Collection

- In order to assess the condition of wastewater assets, the Consultant requested information about approximate age of wastewater networks and any relevant data which could be used to make assumptions on the condition of existing water supply infrastructure.
- The Consultant explained that assumptions will be made regarding the condition of assets based on data from master plan and available feasibility studies.

3) Wastewater Treatment

- The consultant presented the table with collected data on existing wastewater treatment facilities, including construction year, design parameters (load and effluent target quality) and adopted technology. It was explained that although a site visit for a few WWTPs has been planned, such activity will not cover all the existing facilities. Following the discussion with participant the Consultant agree that actual effluent quality compliance will be investigated.
- The Consultant presented the methodology adopted to optimize the number of WWTPs necessary to treat the collected wastewater and to define their design parameters (load and effluent target quality). The consultant confirmed that life cost optimization model used is taking into consideration when additional investment costs are required due to the introduction of a tertiary treatment level.
- The Consultant presented a proposed prioritization matrix for the construction of WWTPs based on 3 factors (size, documentation readiness and tourism). The following discussion included the relationship between the proposed factors and a prioritization based on urban areas, rural areas and costal areas.

Attachments:

- Attachment 1: List of Participants
- Attachment 2: Power Point Presentation