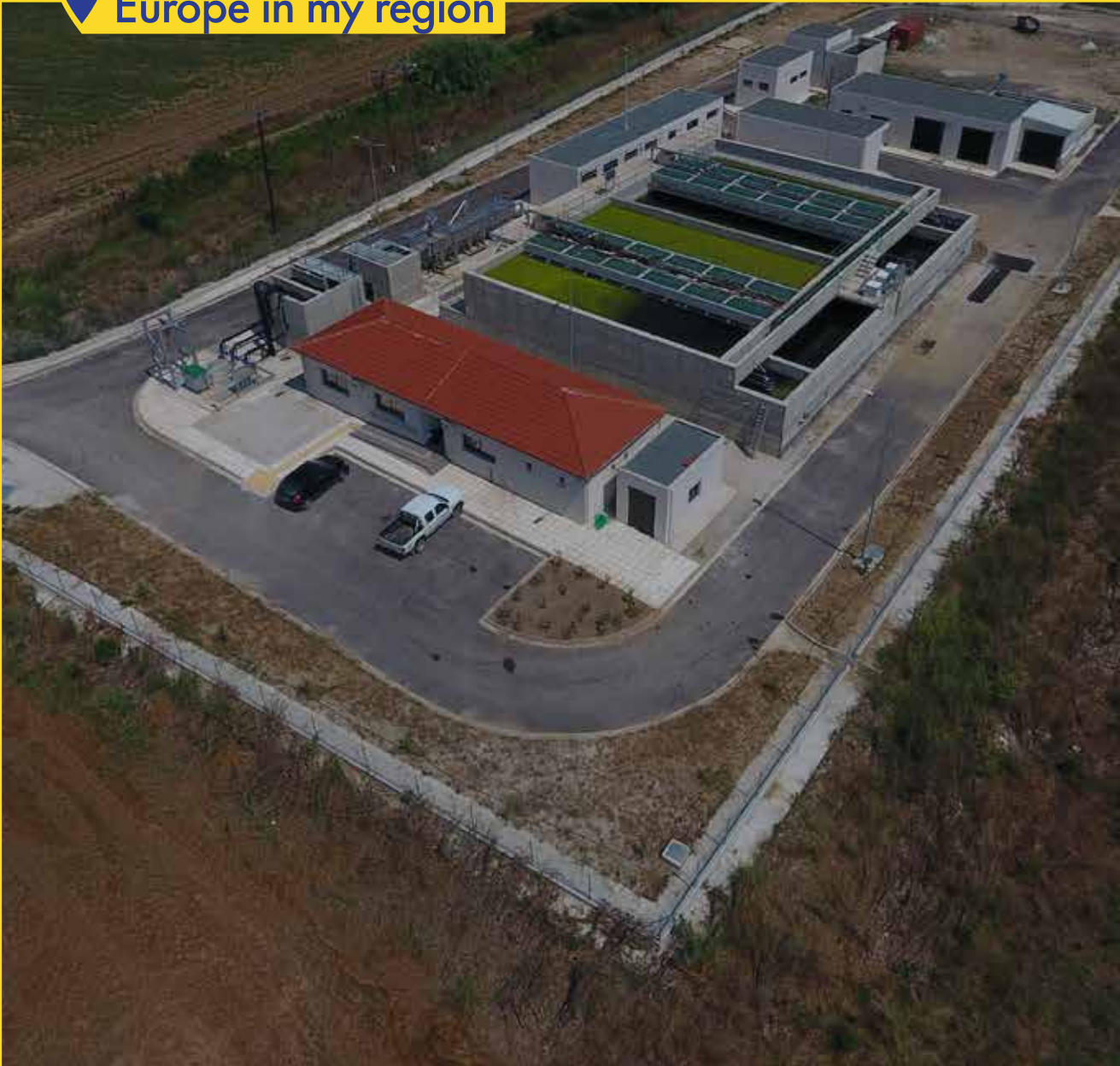




Europe in my region



Waste Management

We invigorate our environment

The Project

Sewage Treatment Plant (WTP) of Emmanuel Pappa municipality



The organisation

Emmanuel Pappa municipality

Project Funding:

Operational Program "Transport Infrastructures, Environment and Sustainable Development", ESPA 2014-2020 of the Region of Central Macedonia



The Sewage Treatment Facility (WTP) of the Emmanuel Pappa municipality was constructed in such a way as to adequately cover the requirements of the Current Phase, while a study and forecast was prepared to cover the needs of Phase A (20-year population) and Phase B (40-year population).

The WTP was built on a farm in the Local Community of Mesokomis at the municipality of Emmanuel Pappa, location "Station", within the administrative limits of the Local Community of Chrysos in an available space of a total area of 19,819.32m².



The **WTP** of the **Emmanuel Pappa municipality** includes the following units:

- Initial lift pump station
- Supply distribution well to downstream processing lines
- Pretreatment unit with compact system
- Balancing tank - Lifting pumps - feeding the biological stage
- Bioblock® biological treatment unit
- Flow Meter - Chlorination Disinfection Unit - Dechlorination Unit - Aeration Unit - Exit Well
- Storage tank – partially thickened sludge
- Chemical building (chlorination - dechlorination - flocculation)
- Bellows building
- Sludge thickening - dewatering unit



The **WTP** of the **Emmanuel Pappa municipality** was completed with the following supporting infrastructure works:

- Environmental configuration (tree planting, fencing, flood protection, etc).
- Disposition projects
- Internal road network - rainwater drainage
- Auxiliary networks (sewerage, water supply, industrial water, drains)
- Electricity distribution network
- Automation and control system
- Telephone network
- Outdoor lighting network



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Inauguration of the Sewage Treatment Plant (WTP) of Emmanuel Pappa municipality

24.07.2023

20:00





Waste Management

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48 projects worth €191.2 million are being implemented. Additional resources of **€150 million** are directed to actions for the management of solid and liquid waste, within the framework of integrated regional planning. These actions are co-financed by the **Cohesion Fund** and have been assigned by the sectoral **Operational Program "Transport Infrastructures, Environment and Sustainable Development"**. **18 sewerage and Wastewater Treatment Plants projects** are being completed, amounting to **€95.2 million**, which protect public health and improve the daily life and quality of life of **97,000 citizens**. Also, **30 important municipal solid waste management interventions** are implemented in all **Regional Units**, with a total budget of **€96 million**.

The Project

Sewage Treatment Plant (WTP) of Emmanuel Pappa municipality

The organisation

Emmanuel Pappa municipality

The project budget

€9.200.000