

**ENVIA**

**PURECO**  
THE PURE ECO

# PURECO / ENVIA TRP/BOX

NEW SOLUTION  
FOR STORMWATER TREATMENT



## PURECO/ENVIA TRP/BOX NEW SOLUTION FOR STORMWATER TREATMENT



Such a solution must be found for the retaining of contaminants washed away by stormwater flowing down from linear engineering structures (roads, motorways, parking lots), which is in compliance with the contamination types, economical to install, simple to operate, as well as the retained materials should be economically removable. The materials used should be durable, the operation should be economical. Besides, the solution must be able to meet the task of the primary treatment of stormwater with appropriate efficiency and security. It should ensure that the contaminant levels of effluents should be within the specified limit values, and separated and retained materials should be stored safely in time periods between maintenance and cleaning events. It should ensure the containment of hazardous waste that may spill onto the pavement in an accident or emergency case, and it should prevent damages and pollution of the natural environment.

### The application fields of the equipment

- Installation in open-surface ditches made for the drainage of stormwater coming from linear traffic facilities
- A structure to control the discharge and/or overflow of small reservoirs or settling lakes, that should retain possible floating contaminants.

### The technical advantages of the equipment

- Installable also in existing stormwater-drainage systems,
- Operable without surveillance, minimum maintenance needs,
- High-capacity equipment,
- The process it applies to cause oil drops to flow up and for retainment is well-known, tried, and tested,
- Even without filter materials, it ensures protection against emergencies for any storage tanks with an open surface.

### The economic advantages of the equipment

- Lower investment costs than in the case of prefabricated oil separator equipment with a tank.
- Less earth work needs to be done.
- Equipment with variable and wide-scale hydraulic capacities (0-300 l/s).

### The materials, and the installation of the equipment

- Made from corrosion proof materials,
- Simple and fast installation with minimum tooling requirements,
- The ex-works price of these equipment is lower than that of traditional, prefabricated separation equipment with tanks
- Robust construction, compact design
- Faster installation – the time it takes is shorter by orders of magnitude.

### Some typical installation modes, and the relevant equipment designs and types

#### ENVIA® TRP

The complete solution: it contains not only the process part itself, but also the carrier/receiver prefabricated reinforced concrete structure.

The simplest installation: after the required receiver place has been constructed, the complete equipment can be lifted to its place; after the posterior works are complete, the equipment is ready to receive contaminated waters.

#### ENVIA® BOX

It contains only the process part; for the installation a receiver structure is needed. It can be used in such places that offer appropriate facilities for the installation (e.g. existing hydraulic structures); the specified anterior bottom and drift-trap area must be constructed in this case too, of course.

