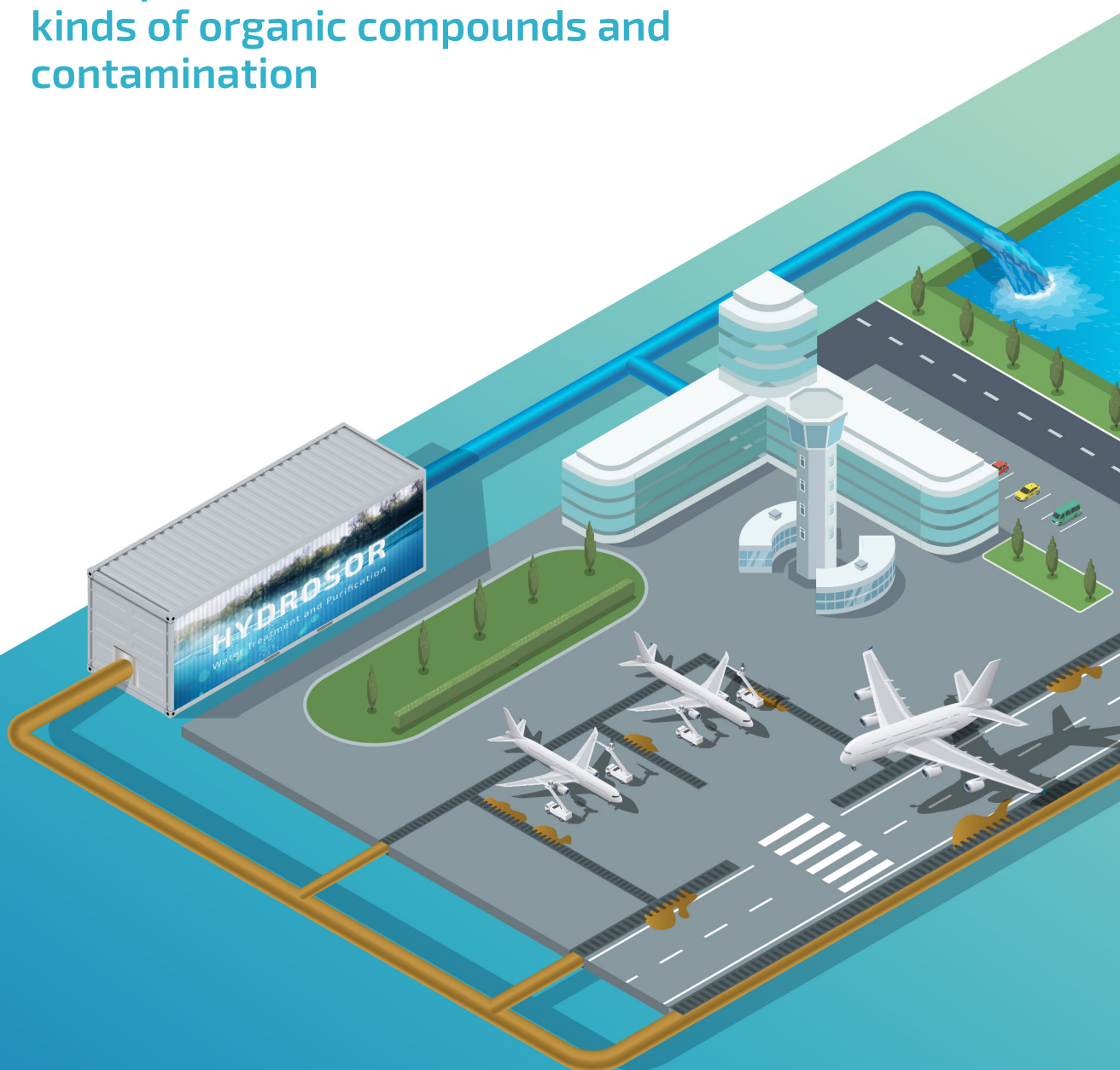


# AIRPORT SUSTAINABILITY

Universal Purification System  
of Airport Runoff Waters from all  
kinds of organic compounds and  
contamination



water treatment & purification  
industrial effluents purification

Hi-TECH  
HYDROSOR

[adgex.com/water/airportecology](http://adgex.com/water/airportecology)  
[water@adgex.com](mailto:water@adgex.com)

ADGEX  
Advanced Green Expertise

Purification from reagents, fuel residue,  
ammoniacal compounds, ethylene glycol,  
propylene glycol, benzopyrene etc.

100% ecological safety of the technology  
and product water

Modular sewage purification kit, assembled exclusively for specified purification degree, infrastructure and environmental conditions .



## Aircraft Servicing Areas Sewage Purification System

Including deicing and other reagents application areas

- 1 Mechanical Treatment Module
- 2 Hydrodynamic reactor (unparalleled technology)
- 3 Ultrafiltration Module ("know-how" technology)
- 4 Reversed Osmose Module
- 5 Photochemical Treatment Module (unparalleled technology)
- 6 Oxidizers Catalytic Removing Module ("know-how" technology)



## Runway Sewage Purification System

- 1 Mechanical Treatment Module
- 2 Fractional Separation Module (unparalleled technology)
- 3 Hydrodynamic reactor (unparalleled technology)
- 4 Sedimentation Module
- 5 Ultrafiltration Module ("know-how" technology)
- 6 Vacuum Destruction Module (unparalleled technology)
- 7 Photochemical Treatment Module (unparalleled technology)
- 8 Oxidizers Catalytic Removing Module ("know-how" technology)

## Purification Degree & Intended Use of Water

The system is set for the required purification degree of sewage. Water coming out of it is completely eco-friendly and can be used for the following purposes:



Airport needs  
(process water)



Plant-watering



Discharging to reservoirs



Discharging to sewers

water treatment & purification  
industrial effluents purification

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## Key Advantages

- Portability
- Stationary and movable configuration
- Environmental safety
- Minimal amount of byproducts (4th hazard class)
- Purification of wastewater with COD over 1000 mg/L (all complex organic compounds)
- Energy efficiency, low OPEX
- Complete self-sufficiency with remote control feature

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