

# AQT Water

Making a cleaner environment for our kids through innovative wastewater treatment solutions, solving problem with septics

The specialist within green technologies

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How They Work:

# SEPTIC TANKS & LEACH FIELDS



Household wastewater (sewage) flows into a two-chambered **Septic Tank**. In there, solid waste falls and collects at the bottom for later pump-outs. The wastewater then continues to a **Leach Field** of perforated pipes for natural absorption into the soil.

# Sanitation system on rural areas. The problem

We work everywhere where impossible or very costly is to install sanitation system. We are focused on rural areas, which is 80% of the territory of every country.

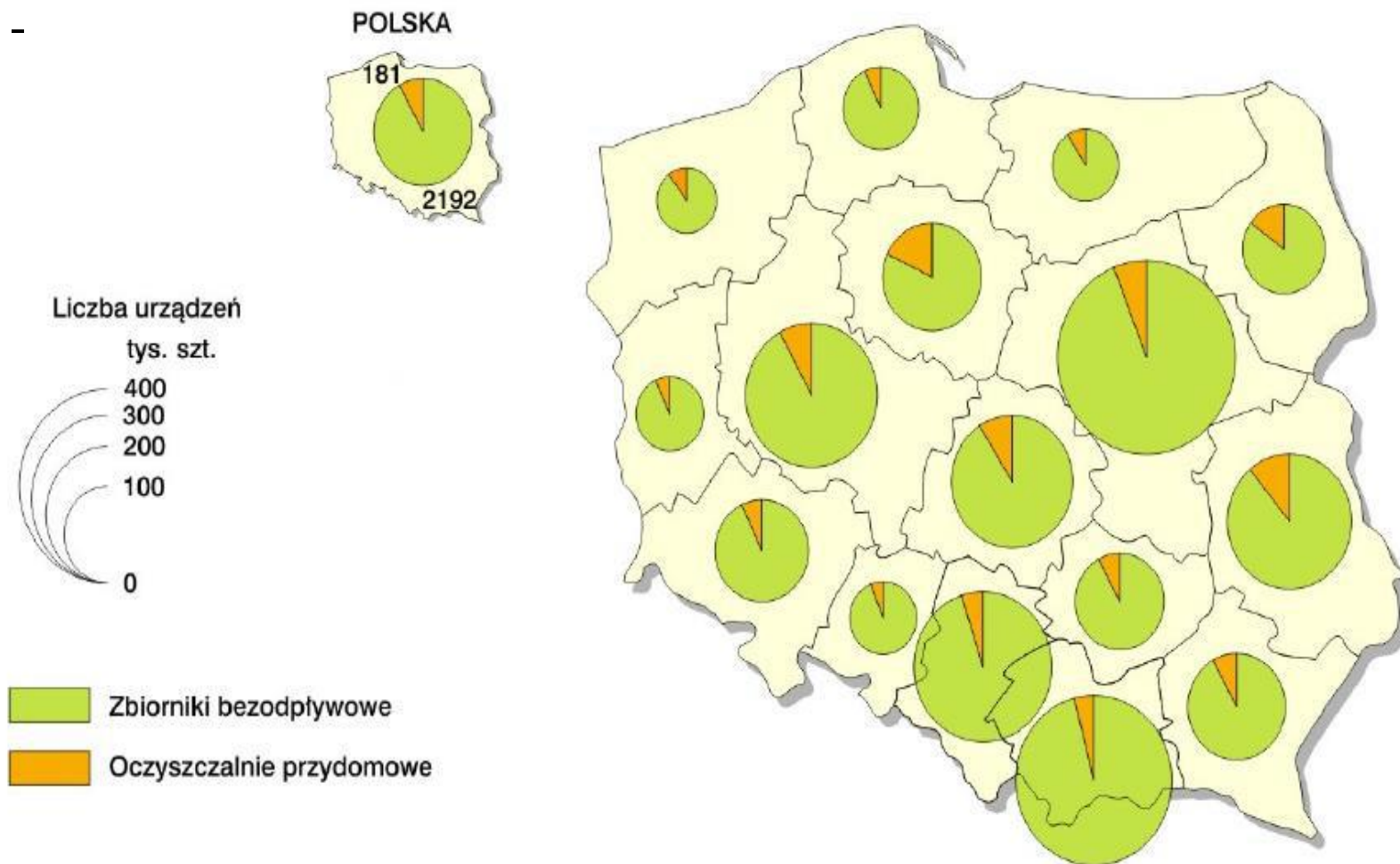


Source: <http://water.epa.gov/infrastructure/septic/>

15M septs of already installed  
45M (in Europe) fail each year  
and should be replaced  
immediately. Replacing it costs  
~Eur 6K for every homeowner.

## MARKET IN POLAND

- New installations - 2,5M of houses;
- Retrofitting kits for upgrades - 1.2M of installations



## MARKET: EUROPE AND WORLD

New installations in various countries:

Germany - 80 thousand / year;

France - 100 thousand / year;

Slovenia - 300 thousand .;

UK - 5 thousand / year.

Expansion of the existing sewage household:

Germany - 2,000,000;

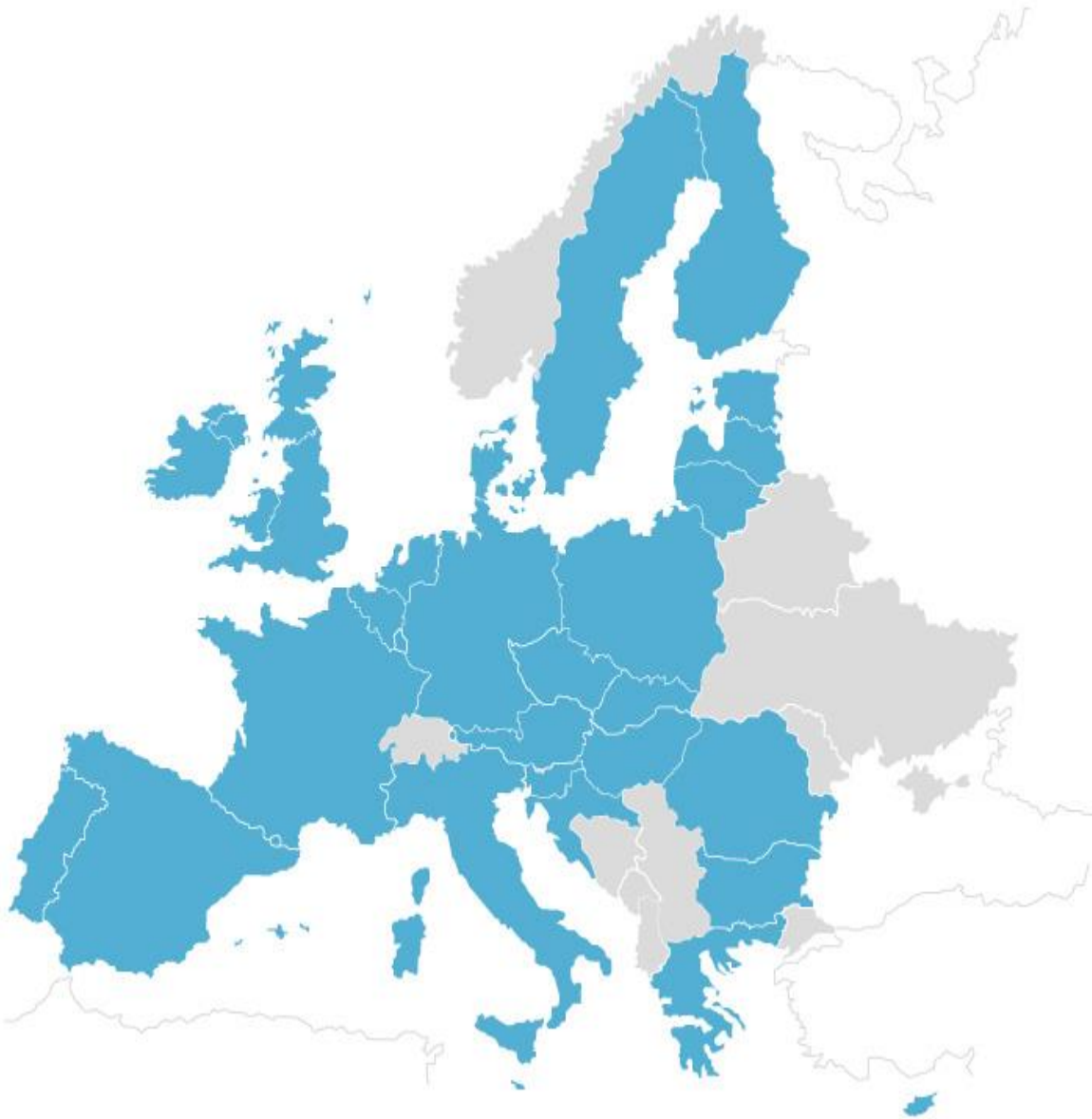
France - 3,000,000.

- Upgrade of existing septic tanks:

Eastern Europe (together) - 15 million;

Western Europe (together) - 30 million

USA - 26 million.



# SANITATION ON RURAL AREAS

- leaking tanks;
- environmental pollution, groundwater poisoning;
- high cost of replacing septic tanks for sewage treatment plants
- no service possible

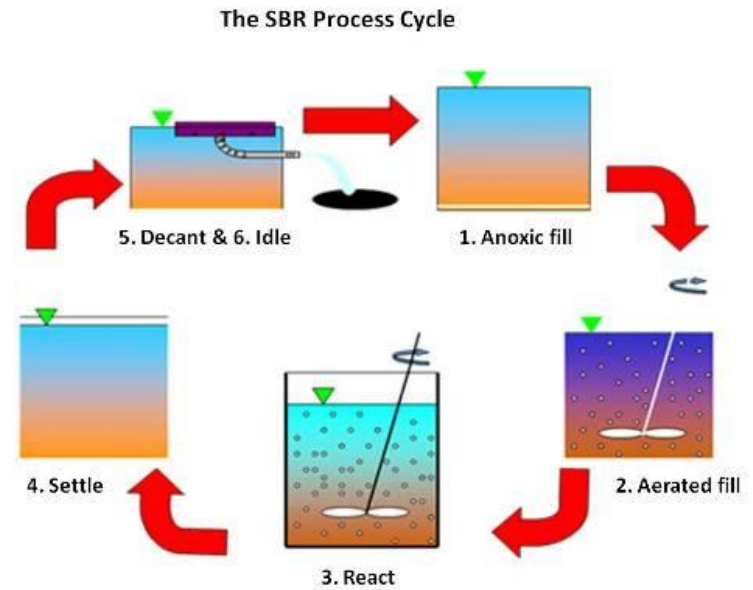


# Retrofitting system for septics and cesspools



**QUMKAM® works with those types of tanks**

System is working as municipal wastewater treatment plant





- high level of domestic wastewater treatment,
- control from the phone: information on failures, services, errors
- no need to approach the sewage treatment plant
- peace and security



## Wastewater treatment efficiency

BOD5 - 95%

COD - 96,2%

SS - 98%

NKj - 93%



Let us help you



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