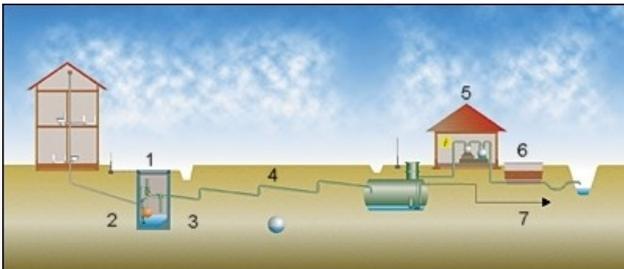


## Vacuum sewerage

Vacuflow is the trade name for a method for the continuous piped disposal of sewage, utilizing the energy of atmospheric pressure by creating a vacuum in the piping system (a vacuum sewage system)

For rural or seaside areas with circumstances as hilly or flat terrain (high water table) it means that the natural fall on which gravity systems depend must be created artificially, the Vacuflow system is the alternative.

### Principal components of the Vacuflow system



1. Interface unit
2. Gravity
3. Vacuum
4. Piping
5. Vacuum station
6. Biofilter
7. Rising main to sewage treatment plant

### Applications

- \* Sewerage of ribbon developments
- \* Recreation areas
- \* Marinas
- \* House boat projects
- \* Industrial projects
- \* Supermarkets
- \* Canal estates
- \* Renovation projects

### Benefits

- \* Low investment costs
- \* Quick excavation
- \* Minimal maintenance
- \* Low energy consumption
- \* Small diameters, 90 - 200 mm
- \* Shallow and no deep trenching
- \* Flexibility of piping
- \* Environmental system, due to negative pressure
- \* Aeration of sewage

