



Gray wastewater and rainwater system



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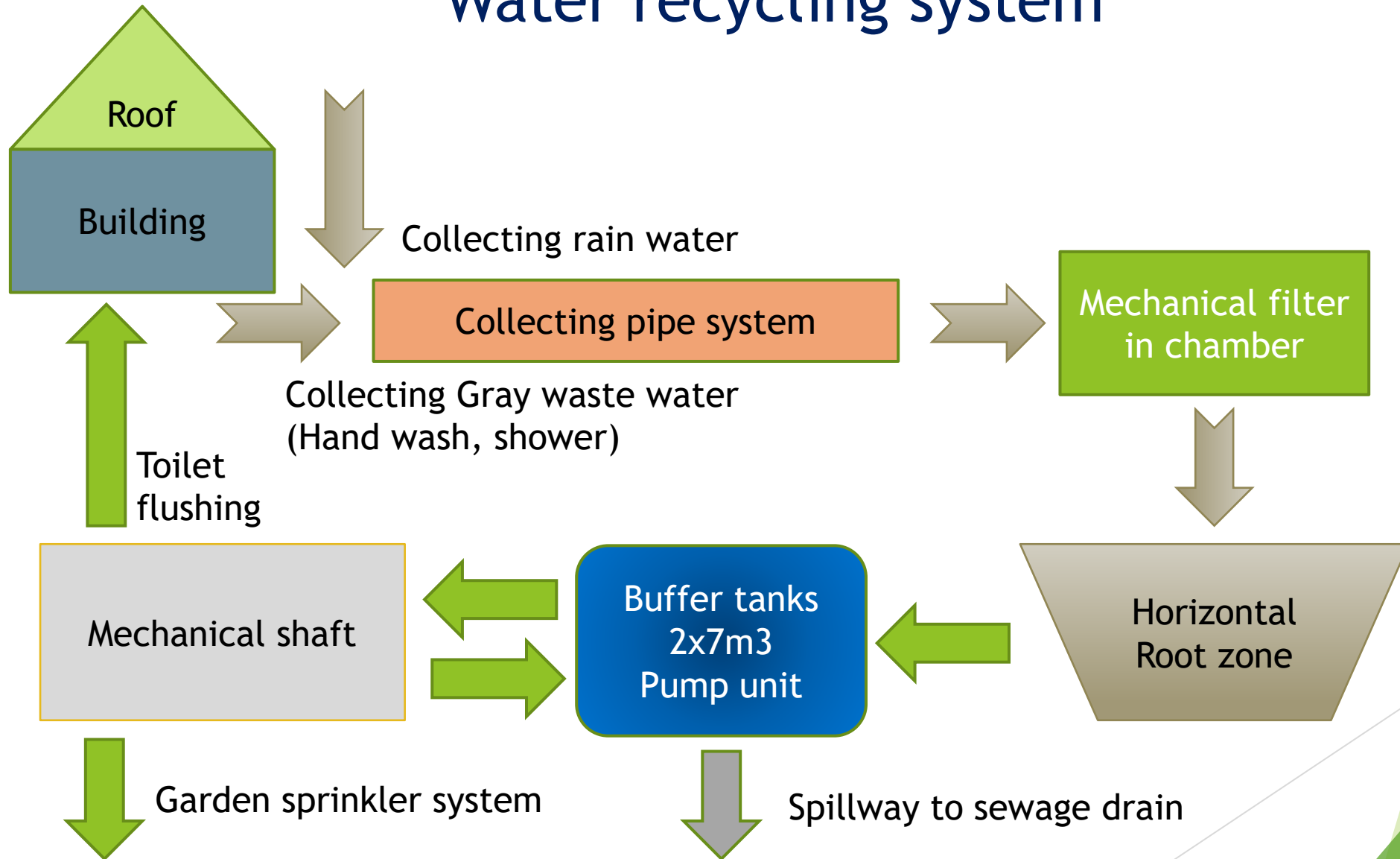


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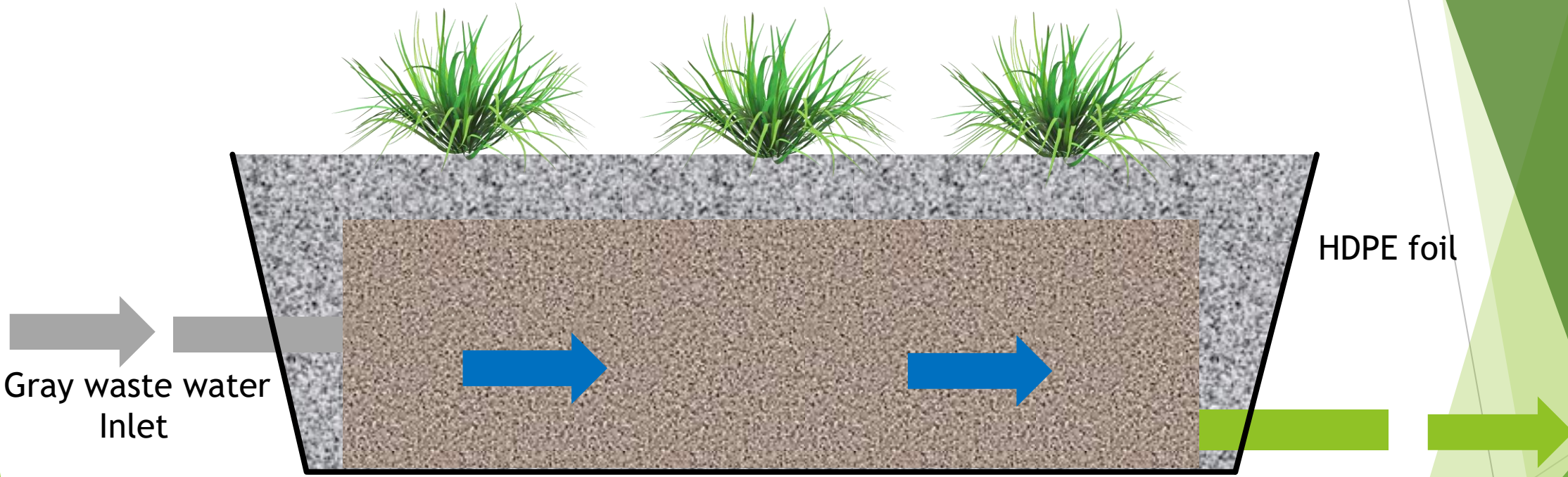


Water recycling system





Horizontal root zone



Gray waste water
Inlet

HDPE foil

Cleaned water
Outlet

4-8mm gravel filter zone
16-32mm gravel backing layer

Root zone areas of application

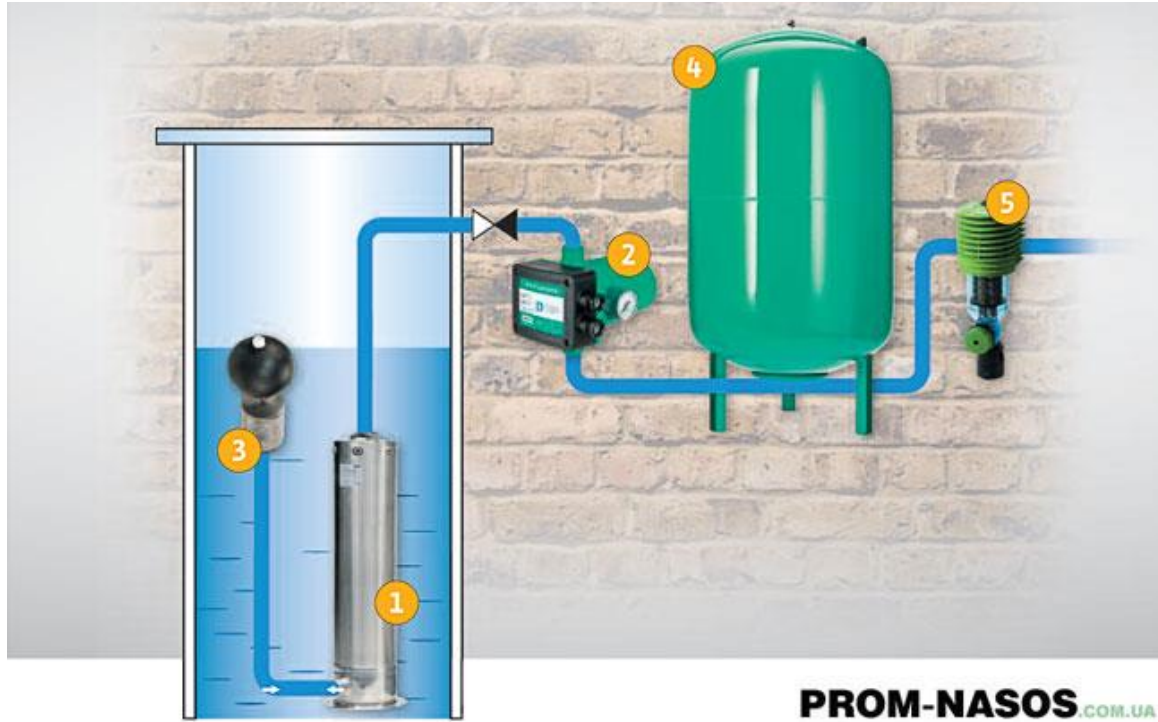
Areas of application cover wide range:

- ▶ Rainwater treatment
- ▶ Industrial and agriculture waste water treatment
- ▶ Municipal wastewater treatment
 - ▶ Domestic waste water
 - ▶ Waste water treatment plant 2000 P.E.
- ▶ reducing heavy metal content of waters
- ▶ treatment of leachate from landfills
- ▶ slurry treatment
- ▶ Recultivation
- ▶ Water quality protection
- ▶ Sludge treatment





Pump system



1. Wilo-Sub TWI 5
2. Pump control and protection device.
3. Floating suction filter.
4. Hydroaccumulator.
5. Backwash filter.

Leaf catcher chamber









System advantages

- ▶ Savings
 - ▶ Water use through recycling
 - ▶ Water bill
 - ▶ Indirect effect: drinking water treatment plant capacity
- ▶ Improve microclimatic conditions
 - ▶ Restore groundwater level
 - ▶ Decrease pollution of groundwater
 - ▶ Natural water resource usage
- ▶ Local attitudes
 - ▶ For children
 - ▶ Community



Thank you very much for your attention!

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