

Vignette part 2

POSSIBLE WAYS FORWARD IN PAVIPOLIS

Different propositions to solve the situation have been made. The promotion of wastewater treatment and reuse are seen as a cornerstone to this, yet there are many hurdles to overcome. Many actors are keen to address the problem and to bring their solutions. However, coordinated action has been hindered in the past.

Which solutions are good solutions and why? How should they choose and ensure long-term adoption? Below table gives an overview of the contemplated solutions

Nr.	Name of solution
1	Open covered drains and re-establish green corridors along urban surface water bodies
2	Build large treatment plants at the drain outlet to treat drain water before entering Blue river
3	Rehabilitate and expand centralized infrastructure to ensure delivery to treatment
4	Advanced, cheap treatment solutions for wastewater treatment to reuse quality
5	Transport system to bring treated wastewater to households and industry for reuse
6	Create awareness about environmental impact of illegal discharge to curb diffuse pollution
7	Public awareness raising campaigns to inform about water situation and to motivate reuse
8	Change financial incentives to make treated water reuse and energy recovery more attractive
9	Decentralized solutions to treat wastewater before discharge or reuse
10	Co-digestion of wastewater, faecal sludge and organic waste for energy recovery
11	Require and enable industries to implement zero liquid discharge (ZLD), ban all other industries
12	In-situ treatment of river water to ensure irrigation water quality before application to fields