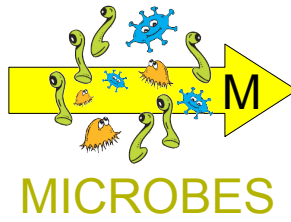


wastewater treatment

Technologies Comparison

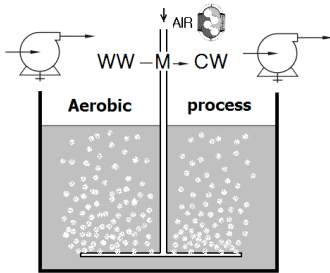
Basic principle:

wastewater
(WW)



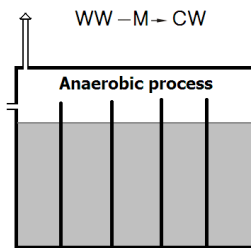
cleanwater
(CW)

ASP, MBR, MBBR, FBR,
SBR, SAFF



Conventional Electromechanical STP

Decentralized Wastewater
Treatment System



DEWATS gravity flow STP

Soil BioFiltration



Life in Soil Layers
to clean Wastewater

Conventional

DEWATS

Soil BioFiltration

Aerobic

₹ 20L^{MBBR}
30KLD

₹ 2.5L
O&M

Poor
WaterReuse

₹ ?
TankerSaving

Skilled
Labour

Anaerobic

₹ 15L
30KLD

₹ 0.25L
O&M

Good
WaterReuse

₹ 9L^{pa}
TankerSaving

Unskilled
Labour

Aerobic

₹ 12L
30KLD

₹ 0.40L
O&M

Good
WaterReuse

₹ 9L^{pa}
TankerSaving

Unskilled
Labour

Above values are approximate.



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