

## DIMENSIONING OF THE PLANT GROUGH PURIFICATION STATION

- Plant bed (reed)
  - 1 m deep,
  - 2 m<sup>2</sup> / person
  - max. 500 p to be connected to the plant
  - plant bed: 2 m<sup>2</sup>/ p x 500 p = 1000 m<sup>2</sup> (20 m x 50 m)
- Septic tank
  - to be set up on the private ground,
  - subterraneously
  - 1,5 m<sup>3</sup> / p
  - 1 household ca. 4 person
  - 1,5 m<sup>3</sup> / p x 4 p = 6 m<sup>3</sup>

## DIMENSIONING – MEMBRAN FILTER PLANT (exemplarily)

- Data: Busse IS GmbH / plant type MF-HKA4
- Connection value: 1 - 4 persons (1 household )
- Containment (double-walled): 2 pieces
- Footpoint per container: 0,75 m x 1,15 m = 0,86 m<sup>2</sup>
- Min. headroom required : 2,0 m

## SELECTED AREA 1 - WASTE WATER TREATMENT

