**Waste and Waste Water**

**(WT07)**



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| **Fact Sheet W07 : Use recycled water for irrigation**  |
| **Overview** |
| *Objective* | Use recycled water for irrigation of 100% of gardens, sports facilities and outdoors using the drip irrigation method. |
| *Action* | Wastewater treatment  |
| *Key Challenges* | Maintain the standard quality of treated water  |
| **Process** |
| *Complexity* | Moderate – Water Treatment  |
| *Equipment & Material*  | Grey water storage tanks, Irrigation system, pumps and filters  |
| *Human Resources* | Engineers, chemists & technicians |
| **Considerations** |
| *Regulatory Aspects* | Yes - According to the laws of grey water specs |
| *Economic* | Moderate CAPEX, Moderate OPEX and Moderate savings in monthly water bills |
| *Advantages* | Using recycled water will decrease the water bills  |
| *Disadvantages* | High CAPEX |
| **Impacts** |
| *Environmental* | Decrease fresh water consumption |
| *Employment Opportunities* | Moderate – technical labors |