



Rainwater harvesting and greywater recovery

- Part 4 - self-assessment

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Module 2: Resource use from a challenge perspective

Urban Agriculture for resource efficiency and waste management



5. Self-assessment

You are in charge from the local council, of the green space water management workpackage in a global project of eco-neighborhood construction.

Which solutions can you propose, taking care of the following specifications :

- Green space water management for private gardens only
- No potable water resource
- Water irrigation for both ornamental and vegetable plants

5. Self-assessment

Key elements to take into account:

- Inventory of the possible water resources (roof water, greywater,...)
- Water volume estimation depending on roof characteristics, garden size, people number in a house...
- Preliminary water treatment before possible irrigation
- Water quality analysis and country regulations for greywater reuse
- Salinity evaluation and crop species recommendation