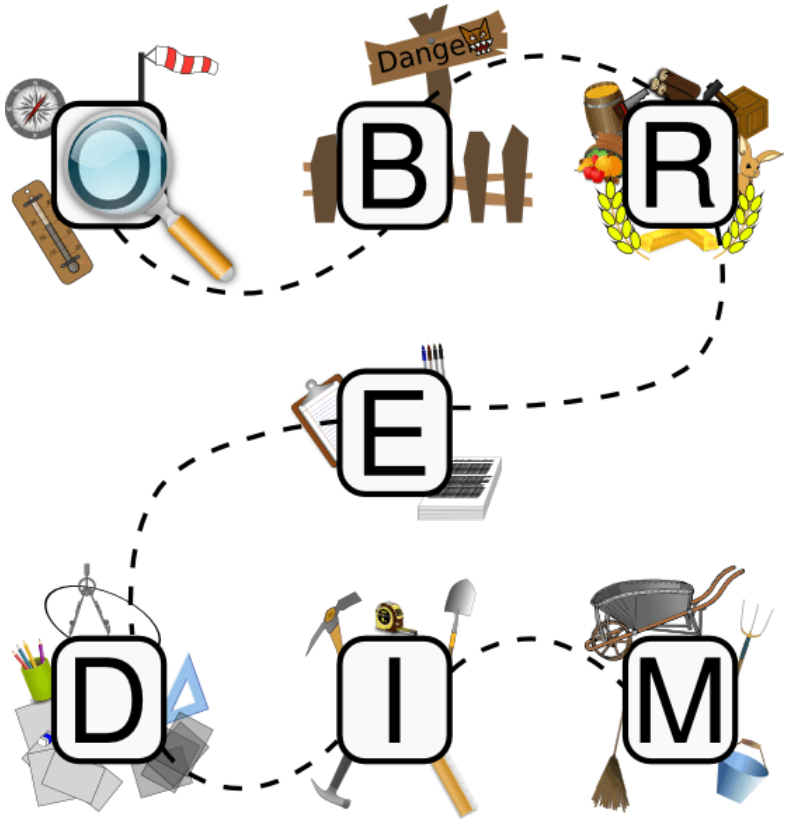
Gardeniser Academy

Diagnosis of the land

Now you have a plot of land for the shared garden, so you will carry out a detailed analysis of its potential.

To begin, draw the overall plan of the parcel from the cadastre, for example (cadastre.gouv.fr).

Then, go out into the field with your plan to do an observation survey. To help you, use the first four steps of the OBREDIM(ET). OBREDIM(ET) stands for Observe; Boundaries; Resources; Evaluate; Design; Implement; Maintain; Evaluate; Tweak.



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Based on these observations made in situ, research with administrations or websites, complete the questionnaire entitled "field diagnosis" below.

Diagnosis of the land

Description of the site:

1. **SITUATION**
- cadastral references of the parcels
- Categorization of the plots in urban mapping
- Presence of protective perimeters

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2. **SURFACE**
- Total
- Arable
- Composition: grassland / fields / woods / hedges / lake ...

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3. **FRAME**
- Reception options
- Storage

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4. **PLAN and PHOTOS (including aerial or satellite)**

5. **ORIENTATION**

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6. TOPOGRAPHY, RELIEF: ridges, valleys, slopes...

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7. CLIMATE

- Prevailing winds .....

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- Sunshine

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- Temperatures: average, minimum, maximum, frost periods

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- Rainfall (quantity, distribution throughout the year, wetlands in case of heavy rain)

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- Possible microclimates (frost pockets, heat traps) .....

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- Occurrence of violent events: hail, thunderstorms, floods, fires, etc. .....

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- Length of the growing season (sunlight, UV> 10 hours per day) .....

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8. GROUND

- Soil type (depth, texture, structure, fertility,...). See simple soil diagnostic tools)

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- Have soil analyses been carried out (organic matter content, pH, etc.)?

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9. HISTORY OF LAND USE

- Agricultural crops grown in the past.

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- Technical itineraries implemented: tillage, fertility management

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- Practiced agriculture: conventional, organic: phytosanitary problems encountered...

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- Possible pollution

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10. HYDROLOGY

- Rivers, water points, springs (permanent, temporary)
- Wetlands, swamps, accumulation areas

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- Water table: depth, hydromorphism
- Water quality
- Importance of water runoff/infiltration
- Greywater treatment
- Existing water recovery, presence and types of roofing
- Drainage area

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11. VEGETATION

- Types of vegetation on the site: spontaneous, cultivated
- Hedges, trees

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12. FAUNA

- Wildlife (including insects, aquatic animals, nocturnal birds, beneficial insects, potential predators and pests, etc.)
- Livestock, domestic animals

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13. NETWORK ON SITE

- Traffic: pedestrian paths, vehicle paths, fences, maintenance status for each.
- Electricity, telephone, internet, gas, water, underground networks (adapted, to standards?)

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14. NETWORKS AROUND THE SITE

- Accessibility of the site / transport possible

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15. SITE RESOURCES

- Wood
- Water
- Sand, clay,
- Vegetation for processing (manure, decoction)
- Vegetation necessary for biodiversity

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16. FRAME

- Shed, workshop, shed, shelters....
- Maintenance status
- New building needs

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17. BEAUTY point of view, potential...

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