

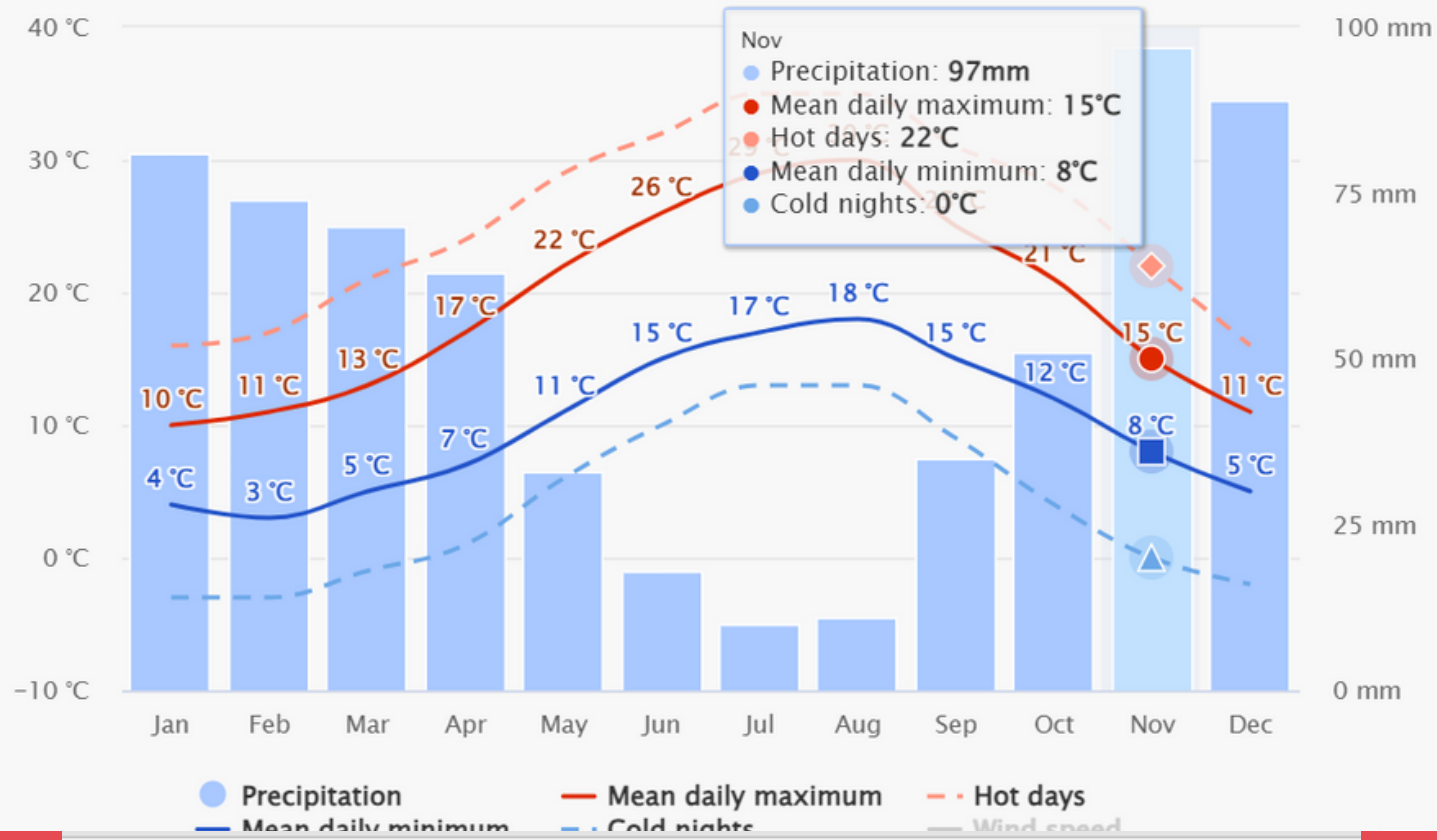


ACARBIO

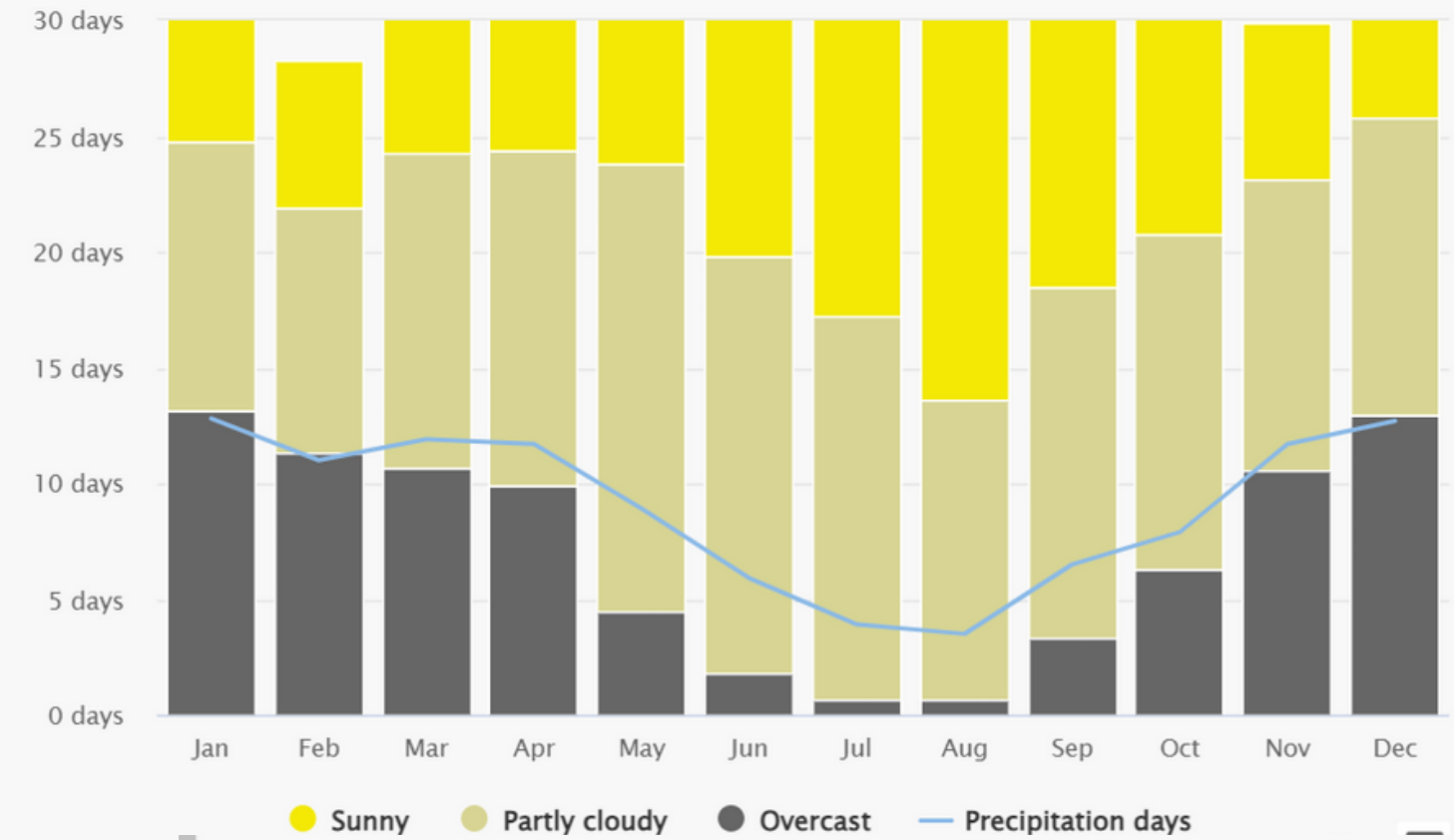
Permaculture Design

CLIMA

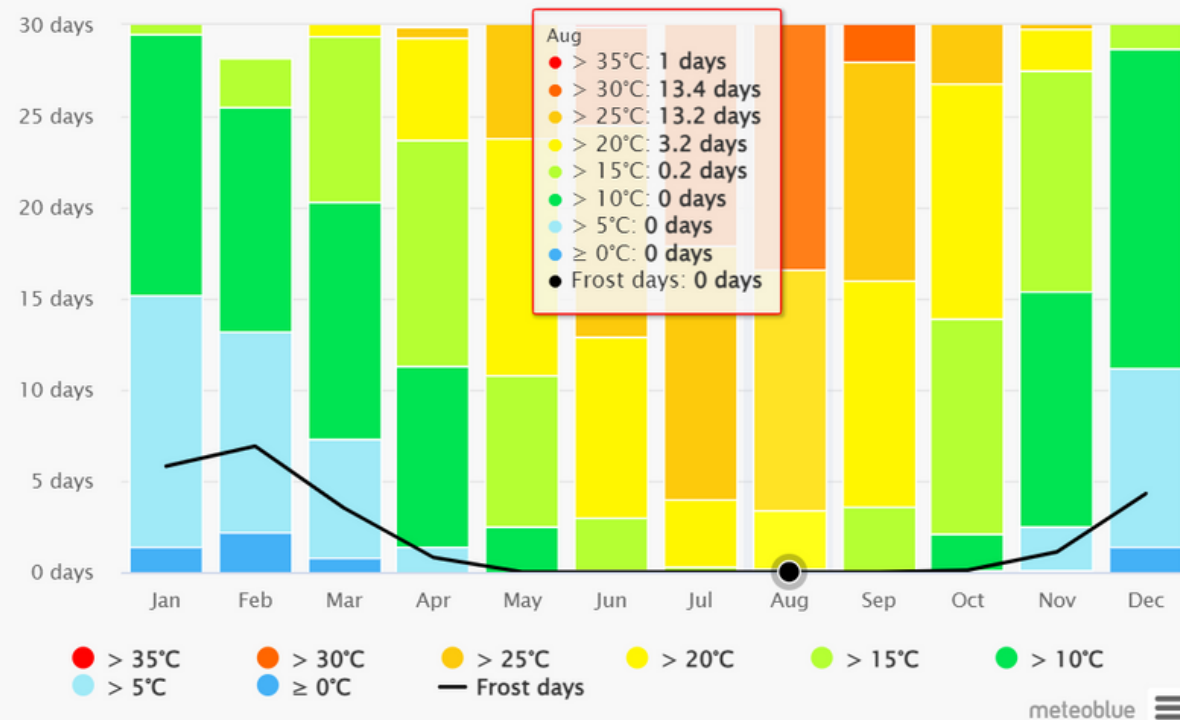
Average temperatures and precipitation



Cloudy, sunny, and precipitation days

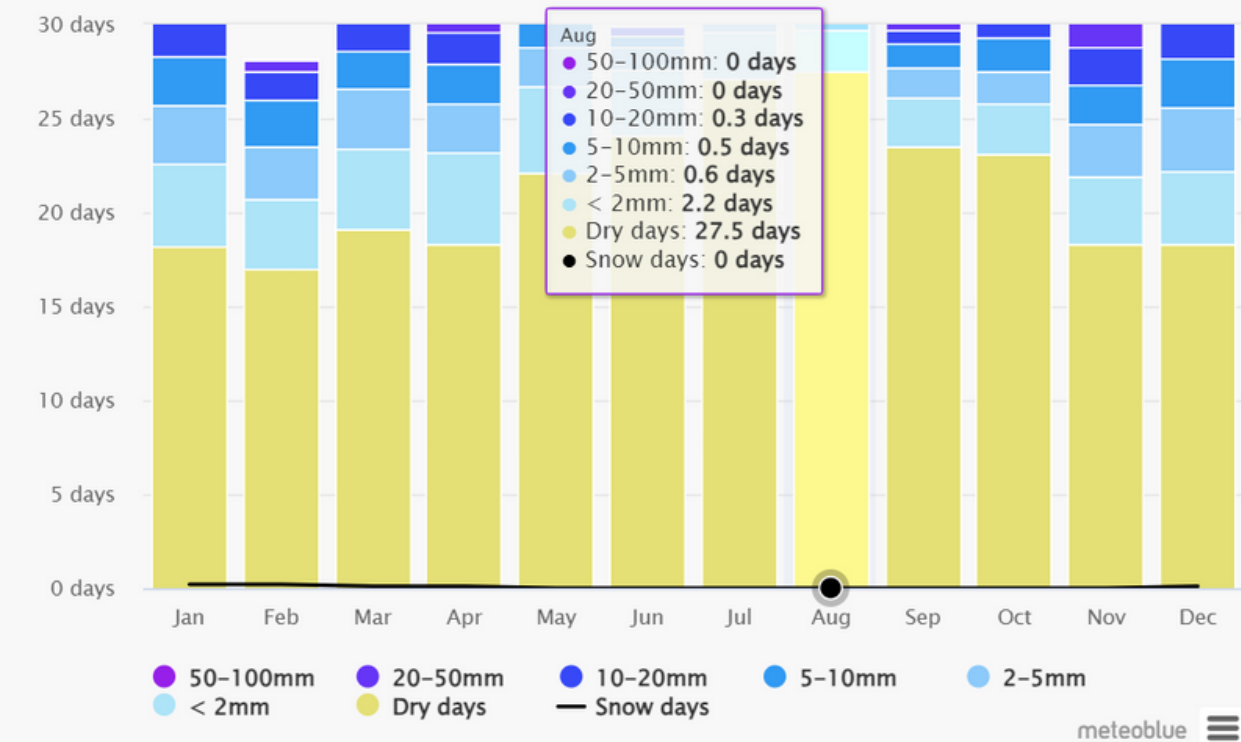


Maximum temperatures



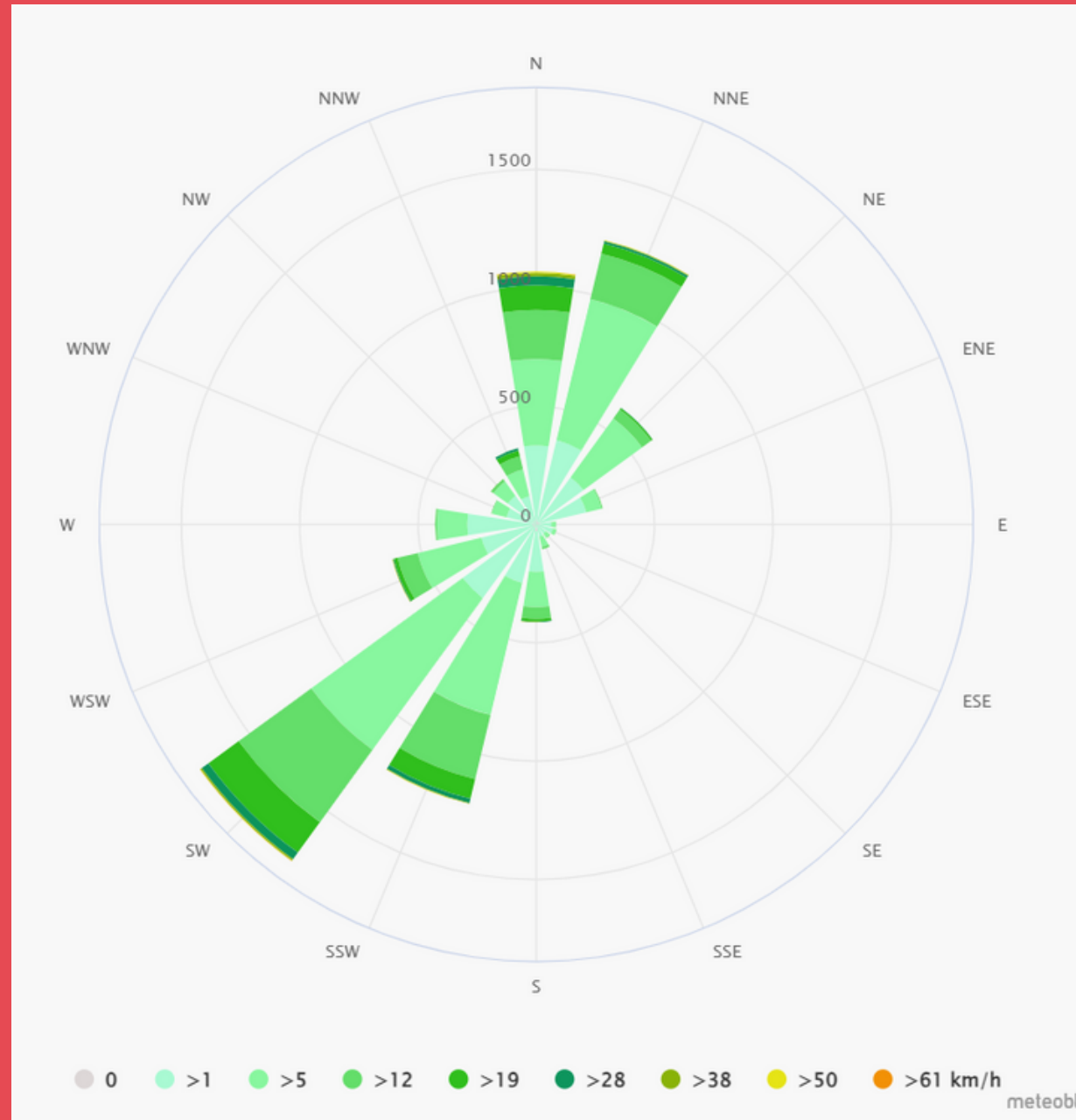
The maximum temperature diagram for Corsano displays how many days per month reach certain temperatures. [Dubai](#), one of the hottest cities on earth, has almost none days below 40°C in July. You can also see the [cold winters in Moscow](#) with a few days that do not even reach -10°C as daily maximum.

Precipitation amounts



The precipitation diagram for Corsano shows on how many days per month, certain precipitation amounts are reached. In tropical and monsoon climates, the amounts may be underestimated.

CLIMA



Hardiness Zone: 9a
-6.7C to -3.5C)
Annual Precipitation: 680mm
Altitude: 410m



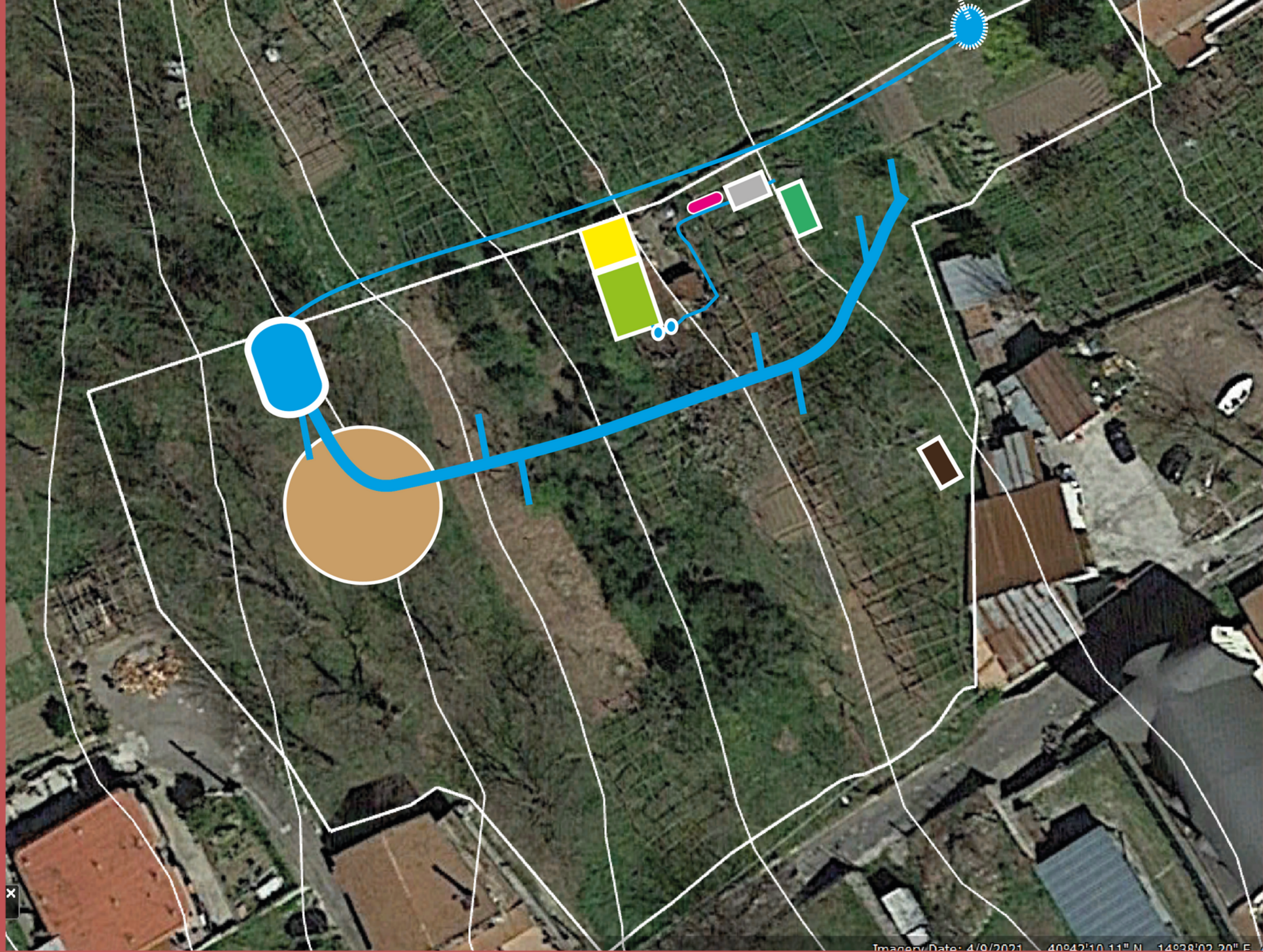
Add a subheading

GOALS

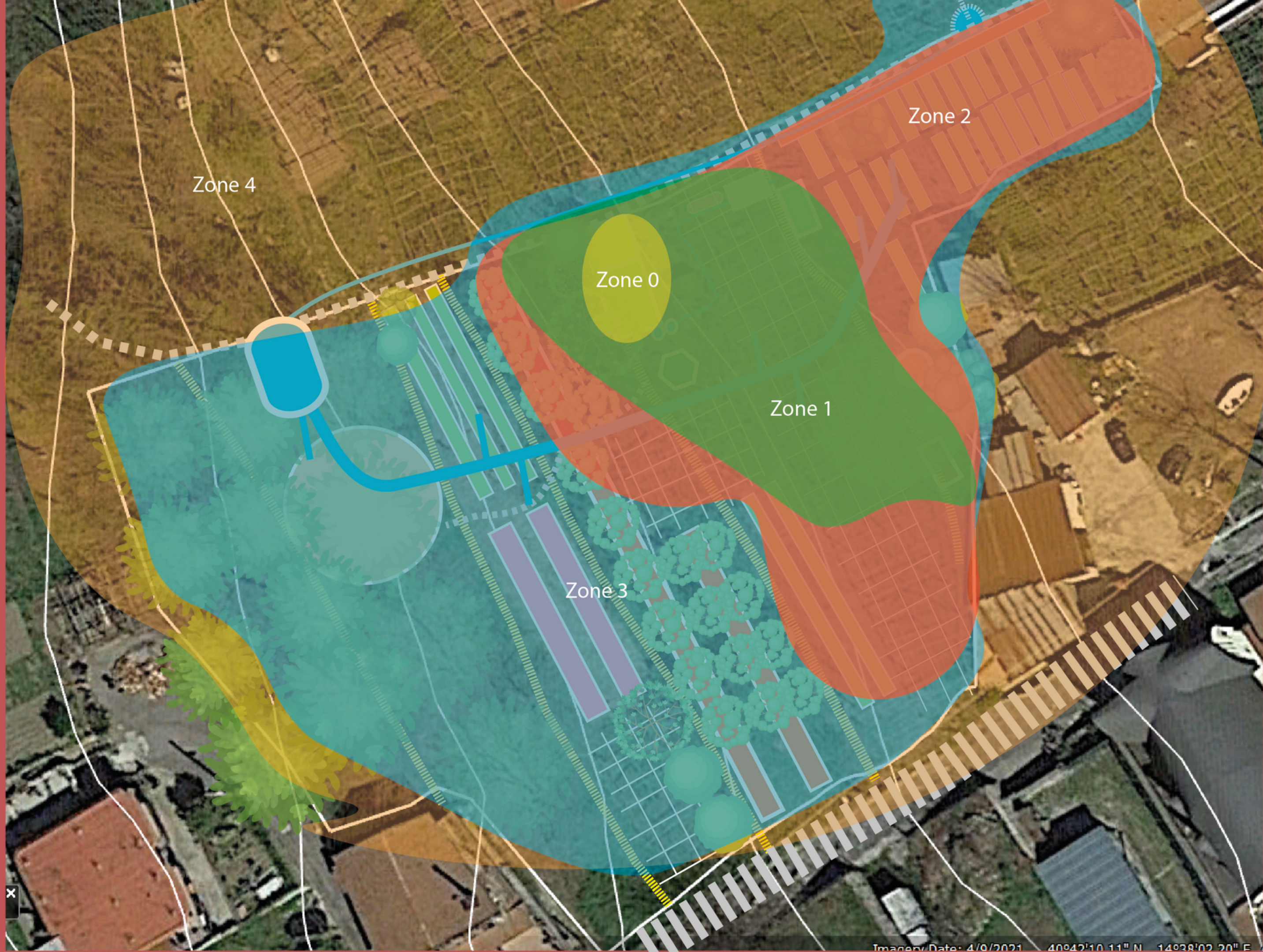
- **INTRODUCING INNOVATIVE AND SUSTAINABLE PRACTICES**
- **RE-DISCOVERING AND VALUATING LOCAL AND TRADITIONAL AGRICULTURAL PRODUCTS**
- **INVOLVING THE COMMUNITY IN THE EDUCATION PROCESS**



DESIGN







Zone 4

Zone 2

Zone 0

Zone 1

Zone 3







Agroforestry

-  Kitchen Garden/Market Garden
-  Agroforestry line with olive trees
-  Agroforestry line with cherry
-  Fence line with bushes
-  Herb Garden

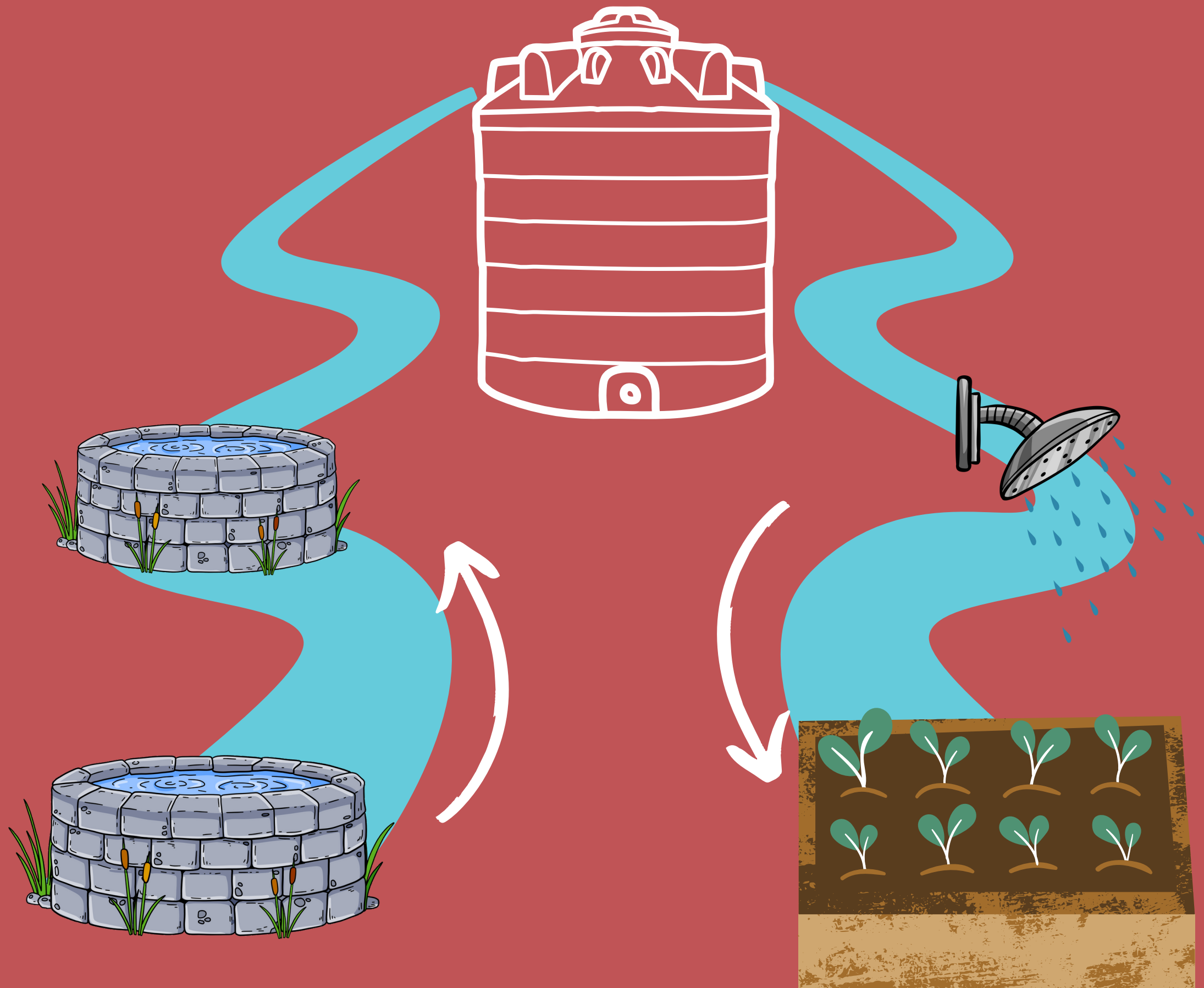
Constructions

-  4 Compost toilet (function 2 every time)
-  Kitchen/closed common area
-  Tool Shed
-  3-4 showers
-  Activity area

Water

-  Reed bed
-  Main watering pipe
-  Tank 5-10 cubics
-  Wells
-  Dry walls (with capary in the edge to cover)
-  Paths/Road

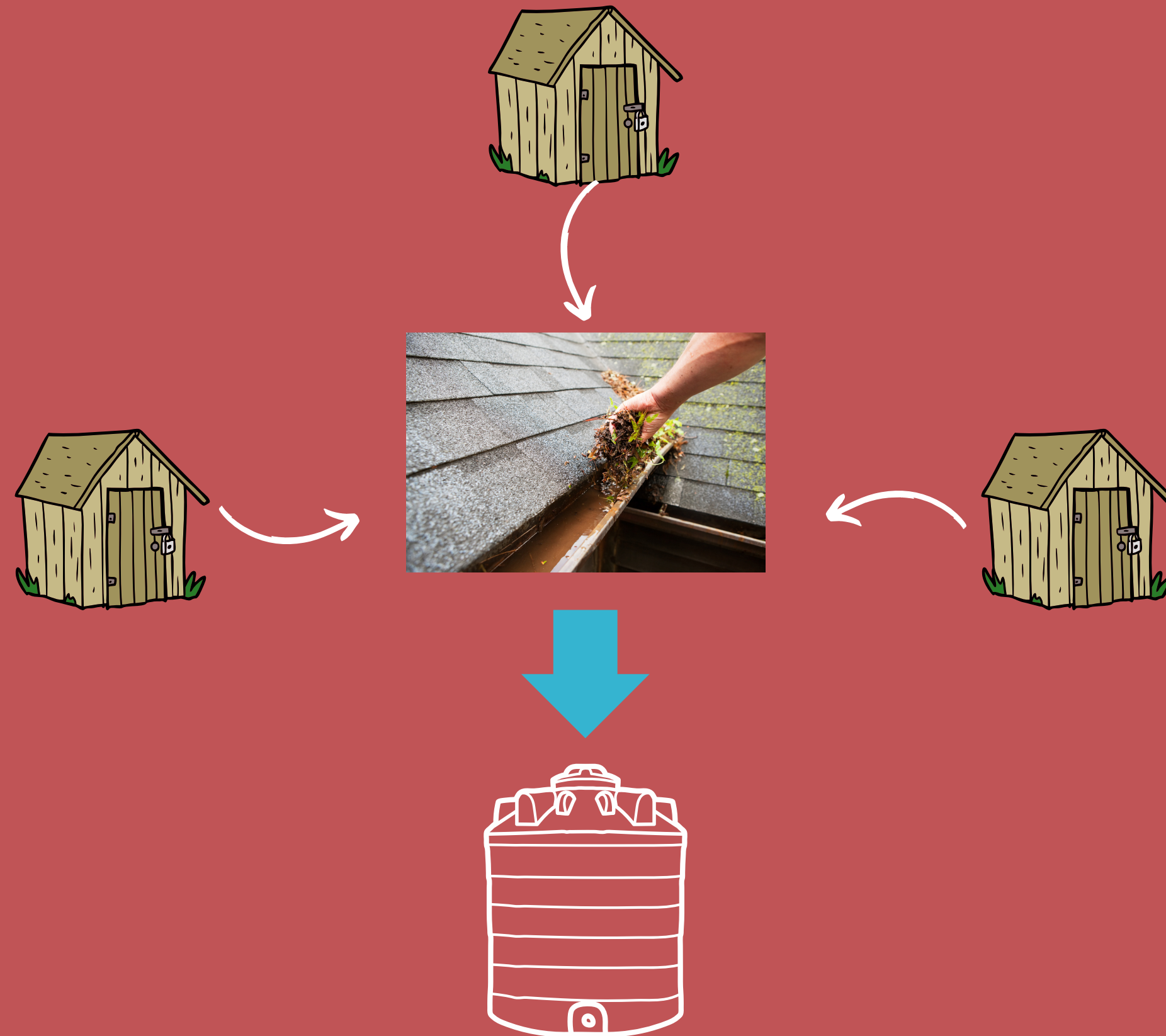
MAIN WATER SYSTEM



BENEFITS

- MORE INDEPENDENCE
- CENTRAL WATERFLOW
- ATTACHMENT OF JUNCTIONS
- OVERFLOW CONNECTION LEADING THE WATER AGAIN TO WELL OR TO THE GROUND

SECONDARY WATER SYSTEM



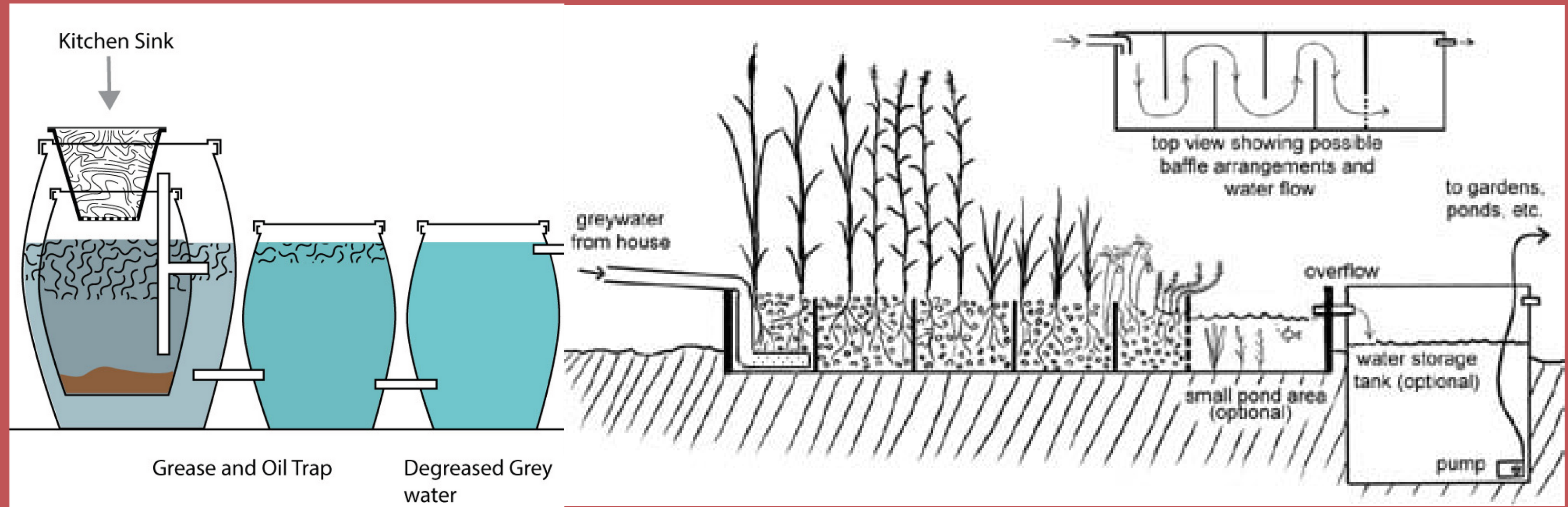
Benefits

- RAIN GUTTERS FOR ALL BUILDINGS
- SAFE WATER IN WELLS (ESPECIALLY SUMMER)
- FULLFILL SUSTAINABILITY GOALS



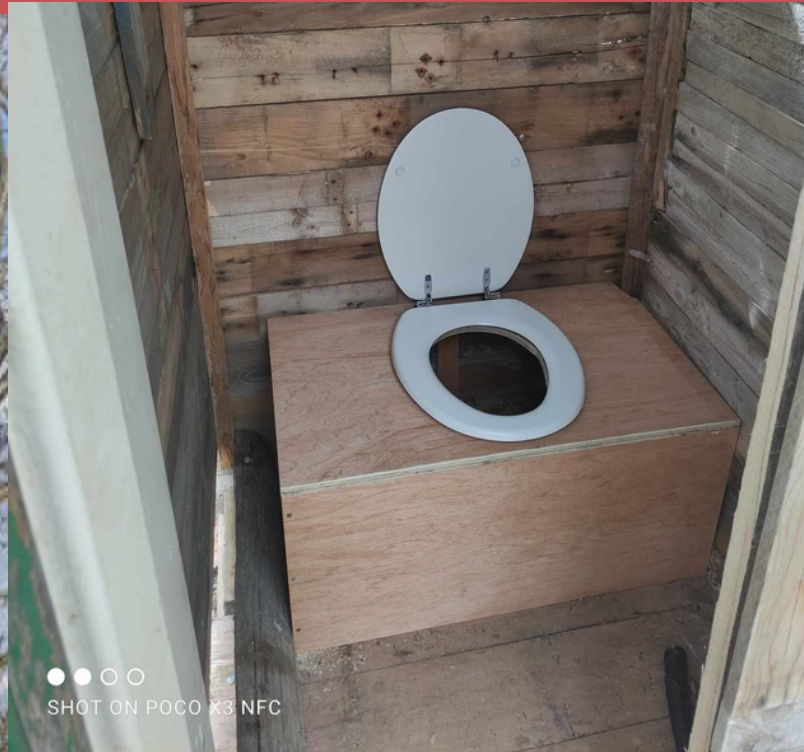
CONSTRUCTIONS

GREY WATER SYSTEM



- **FOUR SUCCESSIVE BARELS TO KEEP FAT, THE FIRST ONE WITH WOODCHIPS TO KEEP FOOD REMNANTS AND BIG PARTICLES.**
- **REEDBED OF ABOUT 8SQM WITH PHRAGMITES COMMUNIS AND PHRAGMITES AUSTRALIS, YOU COULD USE BIG PIECE OF POMISE AND GRAVEL**
- **POSSIBILITY OF USING FISHES IN LAST TANK**

COMPOST TOILET



- USING HEIGHT DIFFERENCE OF TERRACES
- DIMENSIONS 4.8M X3MX1.2M
- FOUR TOILETS USING TWO EACH TIME AND WAITING COMPOST THE OTHER TWO
- SEPERATION OF PEE WITH PLASTIC RAIN GUTTER

~~TOILET PAPER~~ → BLUE SPUR FLOWER

COMMON AREA



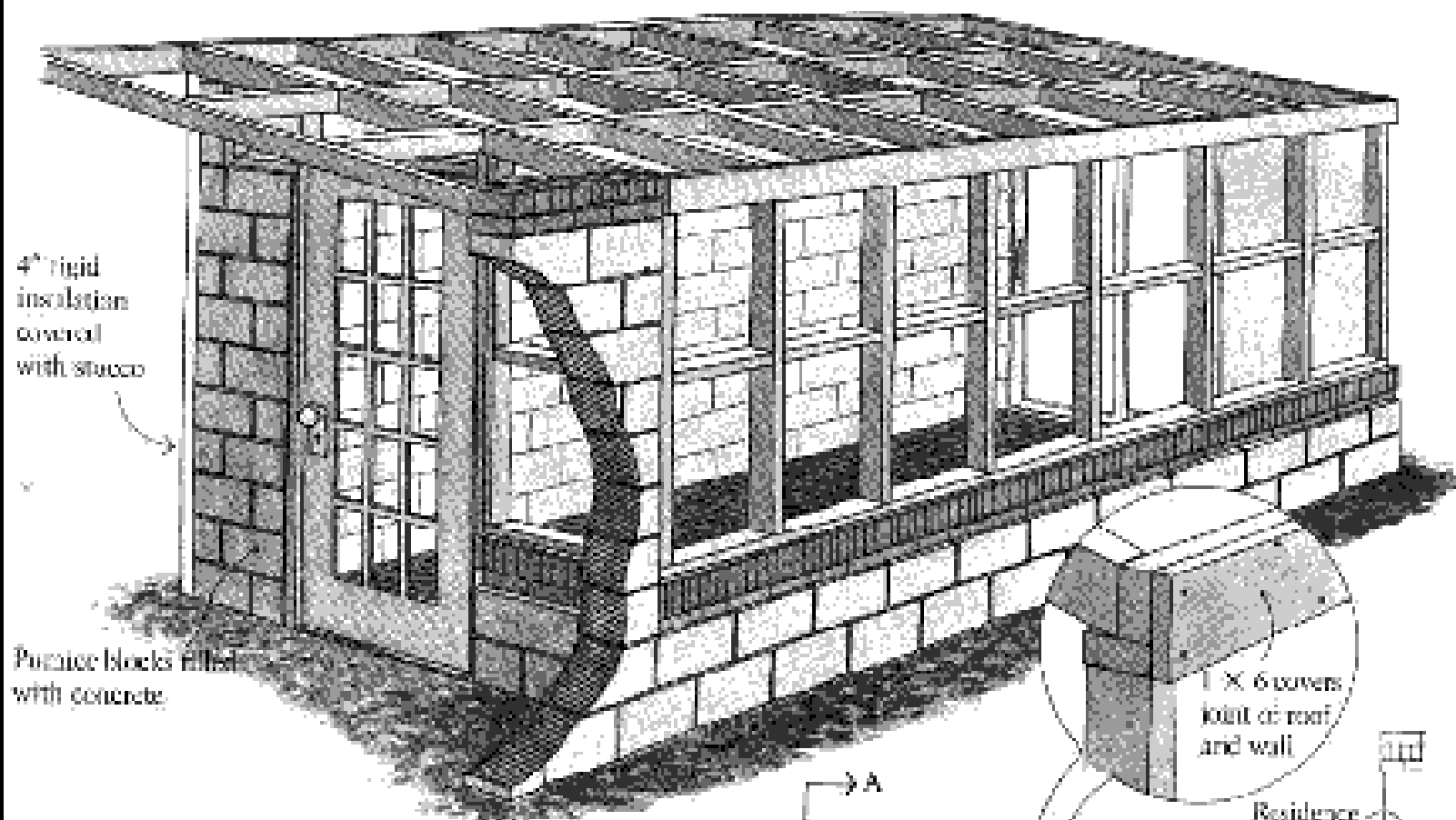
- Comfortable space for gathering people
- Shelter for rainy days
- Space for workshops
- 50-60sqm roof
- Collecting the water to the main tank, average 25-30qubic meter per year of water collection
- Use woods from the forest.

ECOBUILDING ZONE 0



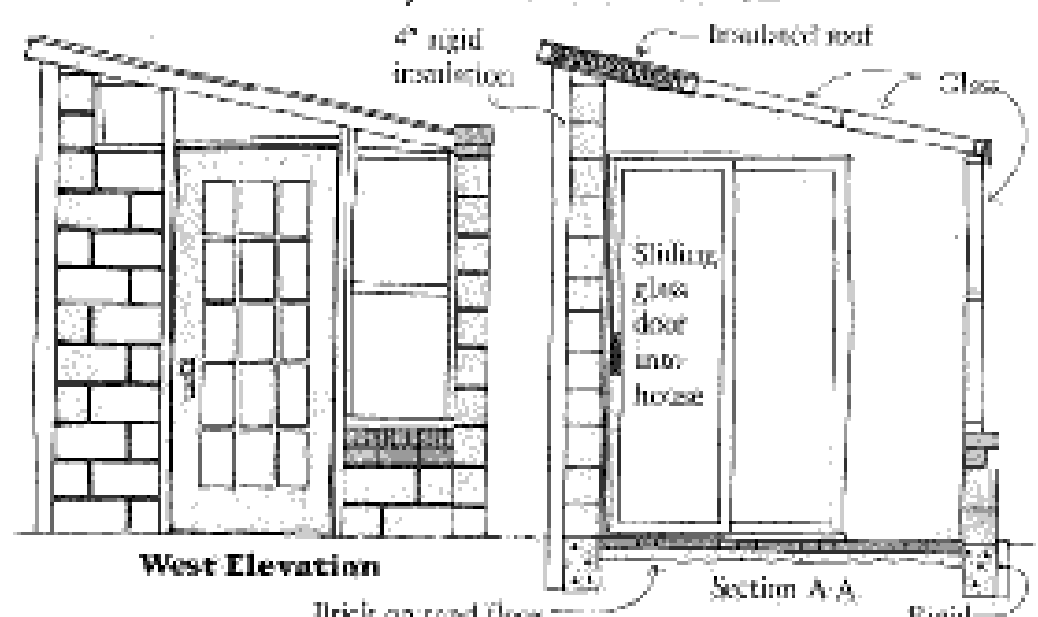
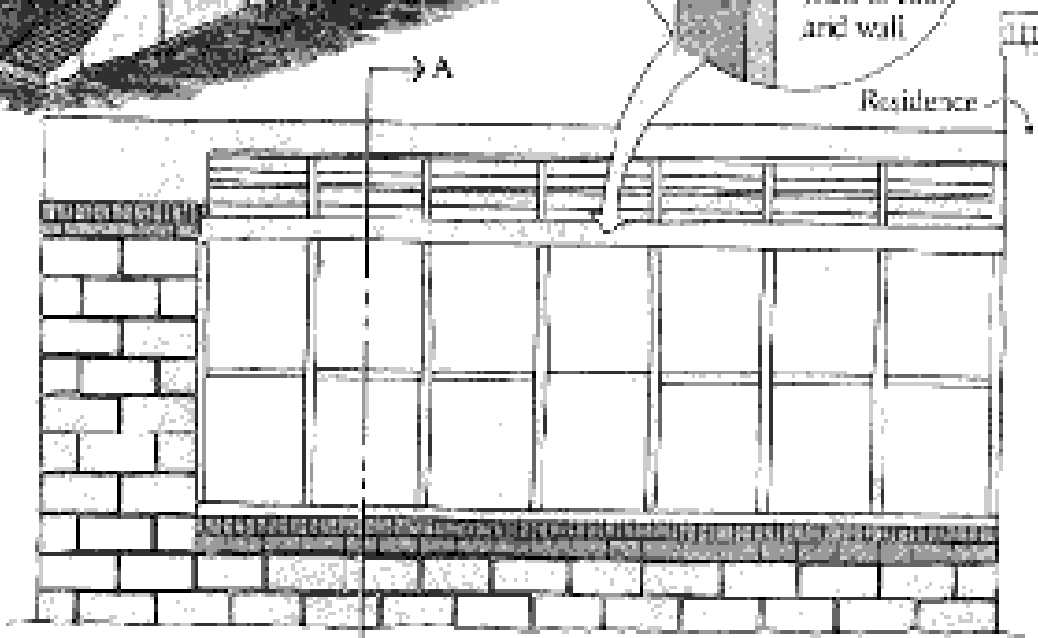
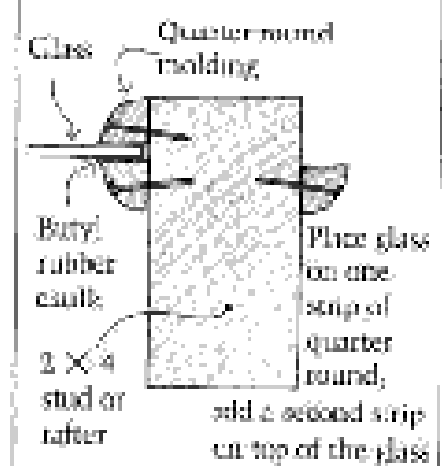
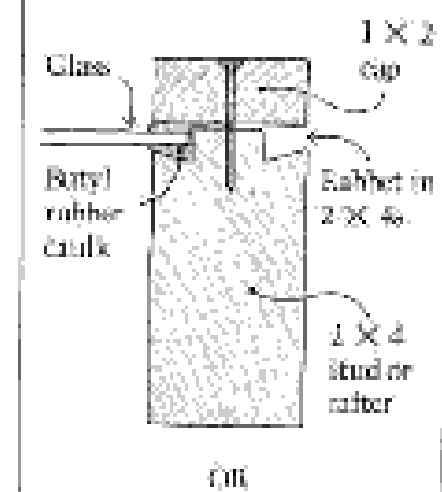
- CONSTRUCTION AS PART OF ESC-PROJECT
- SPACE FOR ACTIVITIES
- INSIDE KITCHEN WITH STOVE
- GREEN ROOF
- USAGE OF LOCAL MATERIALS

GREENHOUSE-NURSERY



- BACK SIDE IS THE DRY WALL
- DIMENSIONS 5MX2MX(2.4M-2M)
- MATERIALS COULD BE TREES AND PLASTIC, OTHERWISE RECYCLING DOORS WINDOWS ETC
- FITS ALL THE SEEDLINGS AND CUTTINGS
- IDEALLY CONTAIN SHELVES

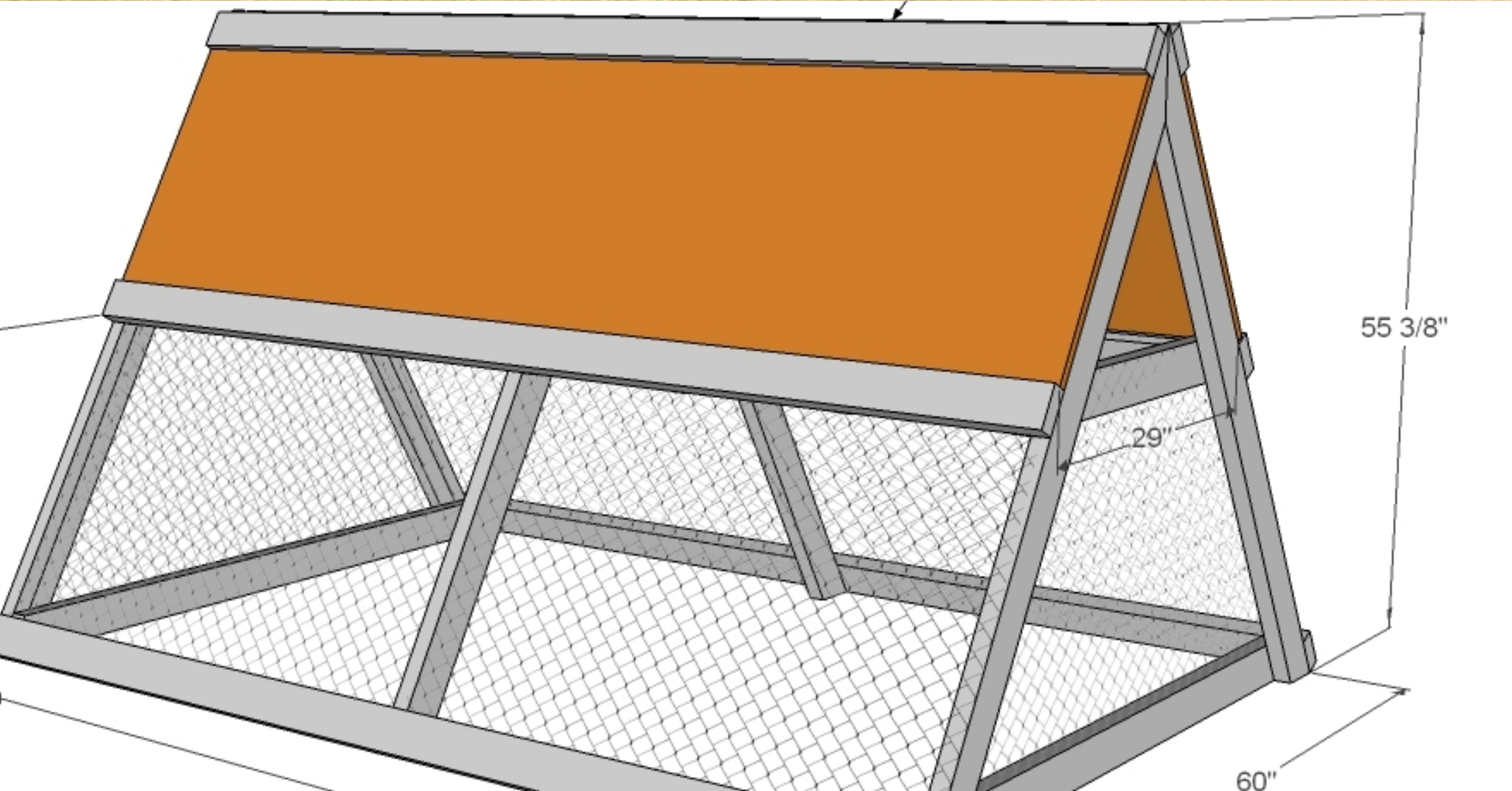
Glass Insulation Detail





MOVABLE ALFA CHICKEN HOUSES

- 3 CHICKEN HOUSES ONE IN EACH TERACCE
- FIT 5-6 CHICKENS EACH
- EATING THE VEGITATION AND FERTILIZE



<https://www.ana-white.com/woodworking-projects/frame-chicken-coop-tractor>

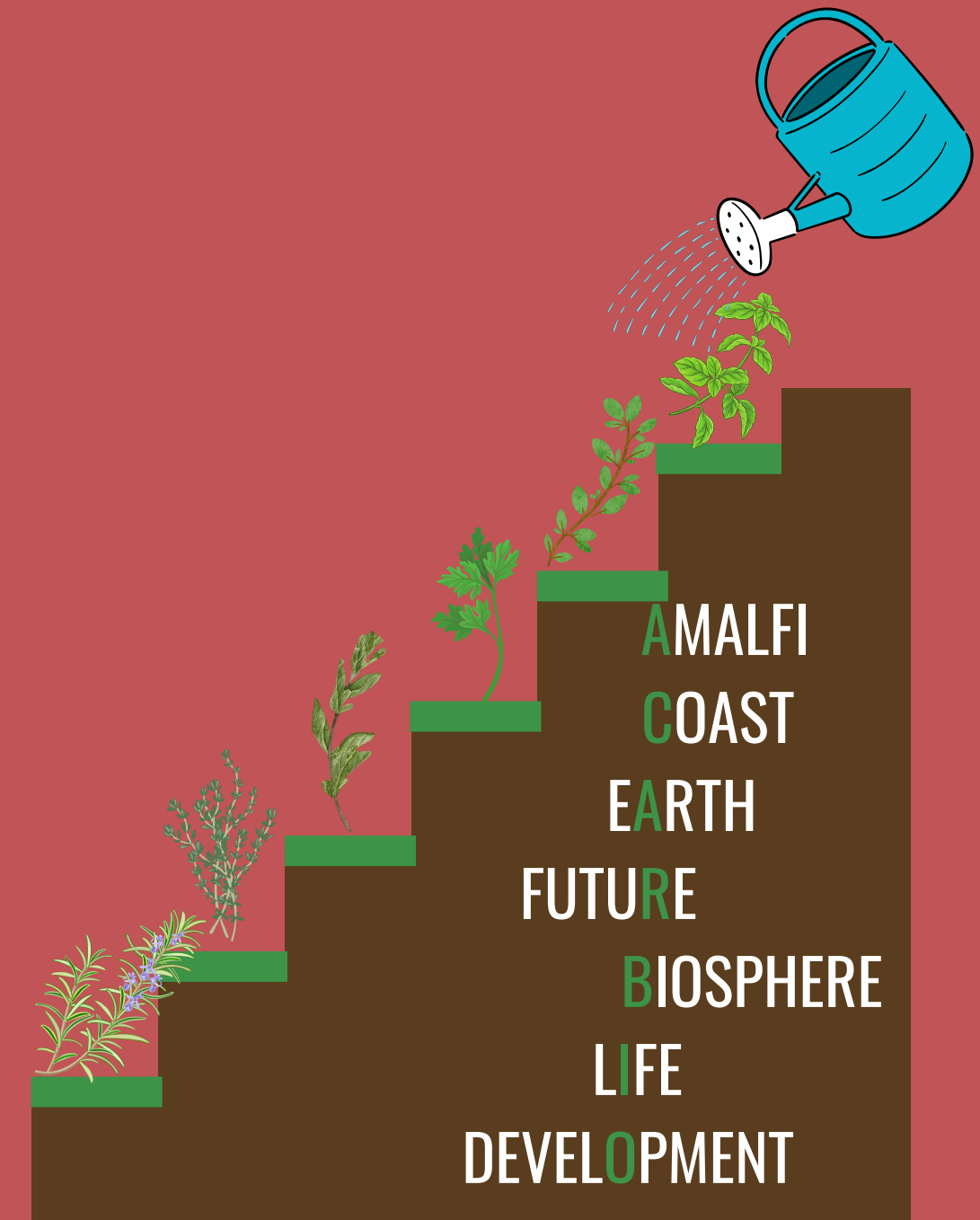
HERB BED



Typical Italian Herbs



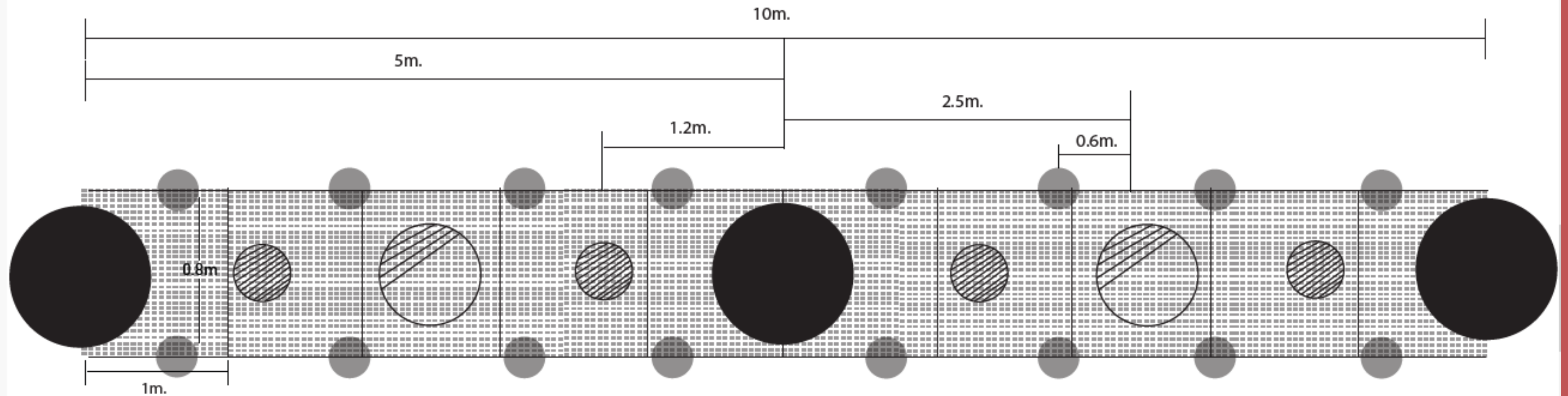
- Thyme 
- Rosemary 
- Marjoram 
- Oregano 
- Parsley 
- Basil 





Garden

OLIVE TREE LINES



Existing olive trees



emergent layer

Figs



high layer

Sparto



medium layer

Oregano/Mint/
Sumfitum/ wild Asparago /Fava beans



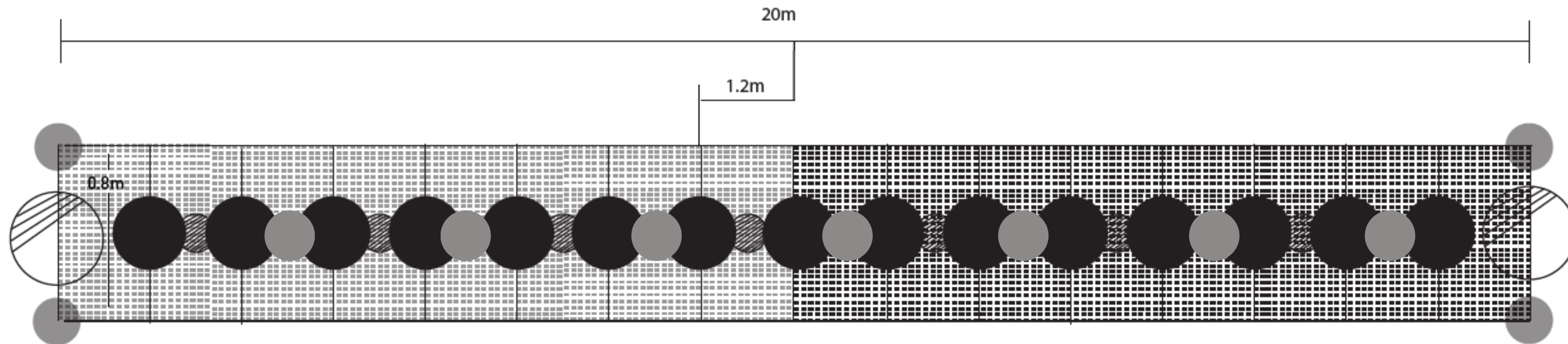
low layer

Clover



ground cover

BORDER LINE PLANT



Laurel
Crataegus laevigata



Roses



Sparto



Levanda
Oregano



Seeds for annual

Marigold-
Calendula-Clover Marigold-
Calendula-clover





Social aspects

- This is a long term project
- Actively co-creating
- Spreading the sustainable techniques in cooperation with the Amalfi coast community



- Participation of international volunteers
- Multicultural environment
- Preserving the area and traditions
- Educational center





Educational aspects

VEGETABLE GARDEN

- Space to run outdoor activities in contact with nature
- Educate people how to garden
- Support for the food supply needed during the hosting period



WORKSHOPS

A group of people, including women and children, are gathered outdoors for a hands-on workshop. They are focused on working with soil and tools, possibly preparing a garden bed or compost. The scene is set in a natural, outdoor environment with trees and foliage in the background. The participants are dressed in casual, practical clothing suitable for outdoor work.

- Preserving the tradition of handmade local products
- Collaborating with local schools
- Learning through making