



Sustainability Conference

**Presentation by
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Topics We'll Cover

Why and how the community of
Chester

Land and Water sustainability

Tips on Zero Waste

What We Can Do

Sustainable Development Goals



Will Allen



1. **Sustainability: the ability to be maintained at a certain rate or level.**
2. **"the sustainability of economic growth"**
 - **avoidance of the depletion of natural resources in order to maintain an ecological balance.**
 - **"the pursuit of global environmental sustainability"**

The roots of zero waste

**ZERO WASTE WAS A
CONCEPT BROUGHT
TO SMALL TOWNS
IN NEW ZEALAND.**

LESS THAN 30% OF THE 510 MILLION SQUARE KILOMETERS OF AREA ON THE EARTH'S SURFACE IS COVERED BY LAND. THERE ARE OVER 510 MILLION SQUARE KILOMETERS OF AREA ON THE SURFACE OF EARTH, BUT LESS THAN 30% OF THIS IS COVERED BY LAND. THE REST IS WATER, IN THE FORM OF VAST OCEANS.





Reduce

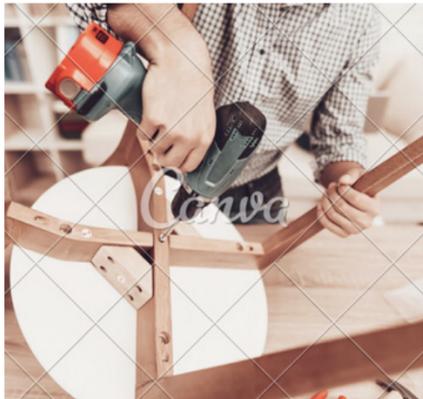
PURCHASE REPAIRABLE ITEMS
OVER DISPOSABLE ONES

TRY TO AVOID UNNECESSARY
PURCHASES

GROW YOUR OWN FOOD



PRACTICE BORROWING
AND SHARING ITEMS



REPAIR INSTEAD
OF REPLACE



RETHINK THE ITEMS
YOU ALREADY HAVE

REUSE



Recycle

PLASTIC

PAPER

ALUMINUM AND TIN



**Throw food waste
in a worm bin and
let worms turn your
waste into high-
quality fertilizer.**

Rot

Community Petting Farms will
serve as a compost drop off
and collection site



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

14 LIFE BELOW WATER

15 LIFE ON LAND

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS


SUSTAINABLE DEVELOPMENT GOALS

Community Petting Farm

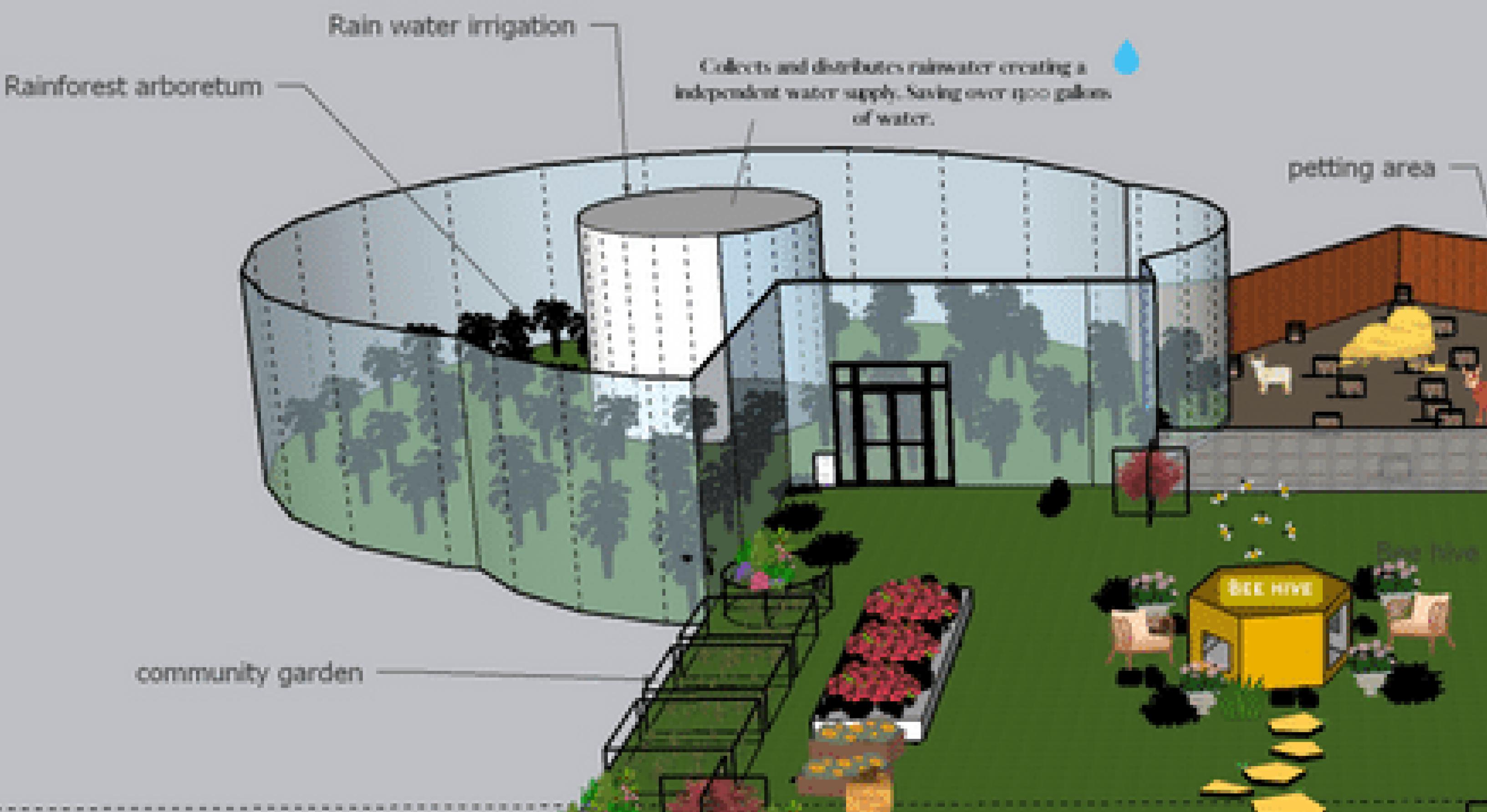
20x80 ft Lot

- Bee hive
- sleeping quarters/ barn
- barn for goats
- chicken coop
- tree orchard
- space for workshops
- small Hoop House
- benches
- compost bins
- rain barrels
- pavilion for bad weather



Petting Farm Floorplan





Rain water irrigation

Rainforest arboretum

Collects and distributes rainwater creating a independent water supply. Saving over 1500 gallons of water.

petting area

community garden

Bee hive

BEE HIVE

