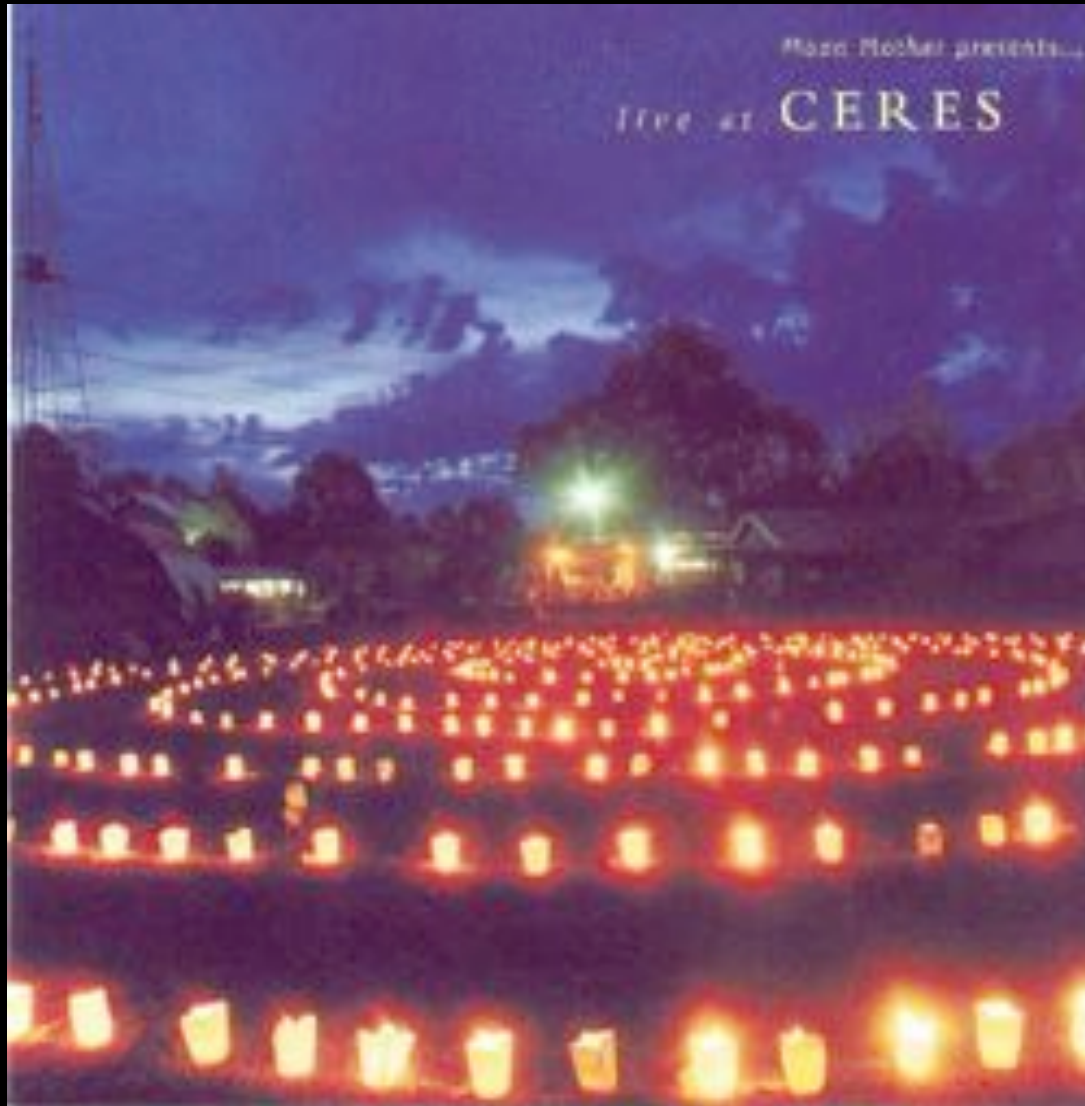


What is CERES?



School Groups





Community Gardens

Market







Bike Group



Community Art Space



Van Ray Centre





Having another meeting



CERES Local Food System





Deep down everyone wants to be a farmer

Wed & Sat Market





Urban Market Gardens

Seed Savers Networks





Seed Savers

Food Co-ops & Community Supported Agriculture



urban
orchard
@ceres.
org.au



Propagation





Community Kitchens



Bee Keeping



Aquaponics



Permaculture & Bushfood Nursery



Wormie Bins





Local, Seasonal, Organic Cafe

Education

- Day Visits
- Sustainable Schools
- VET
- DHS Project
- WFtD
- Internships
- Mentoring
- Consulting
- Adult Courses
- Volunteers



Chook Group



Baking Group



2007
Australian
City Farms
and
Community
Gardens
National
Conference



Harvest Festivals



Where does our food come from?

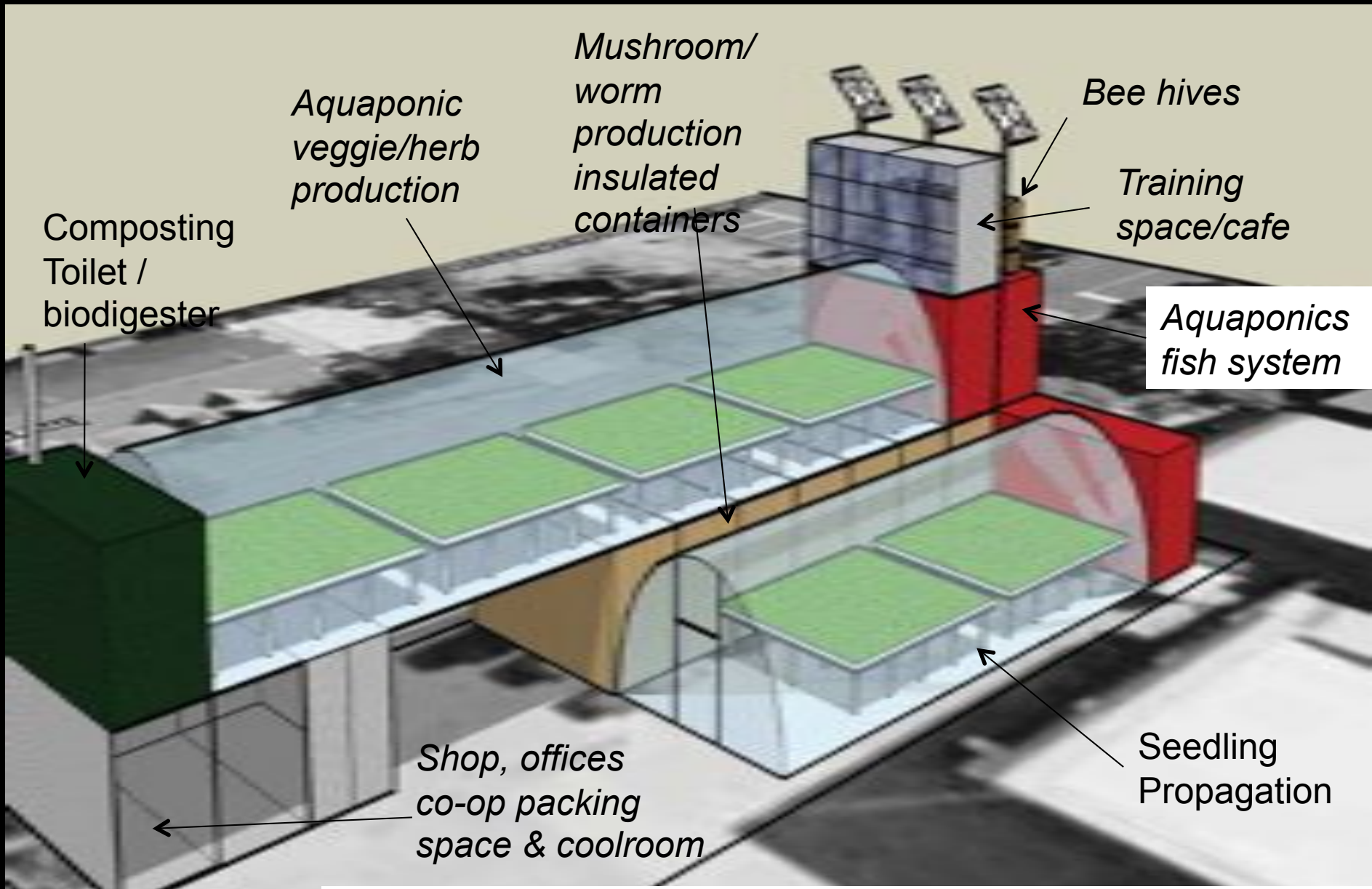


CERES Food Connect



Why Food Hubs?

- Food related activities are the largest contributor to greenhouse gases
- Agriculture is the largest water user
- Food growing, packaging, storage and transport is a major user of fossil fuels
- Best agricultural land disappearing
- Deep down everybody wants to be a farmer.....



Food Hub: An initial sketch...

Food Hub: Key ideas

- Affordable
- Compact
- Scalable
- Moveable
- High visibility
- No soil, uses little water
- Materials easily available, safe and recycled where possible
- Easy to build, run and maintain
- Reflect natural processes: few inputs & the wastes from one part used by another
- Combines CERES most productive & economic enterprises
- Easy to get thru planning
- Workers work & learn across the range of enterprises
- Follow up with regular training, information sharing and ongoing forums
- Modular - encourages creativity









Production (Mid size system)

- **Food sales retail , wholesale and co-ops**
- **Propagation (200m2)**
 - Supply all seedlings to aquaponics system
 - Sell extra to public
- **Aquaponics system (250m2)**
 - 4,000 – 5,000 plants, 1,000 plants/bunches per week
 - 400kg fish per year
- **Worm production**
 - Produce worms to break down mushroom and veg waste, for fish feed, and public sale.
- **Meat production**
 - fish, rabbits, guinea pigs?
- **Mushrooms**
 - Produce oyster, shiitake, enoki mushrooms, 50-100kg/week
- **Potato tower growing system (in mushroom waste compost)**
- **Bees**
 - 10 hives, 500kg honey per year
- **Commercial and community kitchen**
 - Preserving
 - Processing
 - Fish gutting and preparation
 - Smoke house
 - Juicer hire, smoker hire, dryer hire etc
- Education services







CBD Office
rents @
\$1000 sqm
=
how many
lettuces?

Benefits

- Creates jobs
- Adds to local food security strategies
- Produces crops year-round and without a break between planting.
- Avoids weather-related crop failures due to droughts, floods, pests
- Organic system
- Water efficient & no nutrient runoff
- Returns farmland to nature, restoring ecosystem functions and services
- Energy generation via biodigester, solar panels etc
- Dramatically reduces fossil fuel use (no tractors, reduced transport.)
- Makes use of vacant land
- Creates sustainable environments for urban centres

Transport Alternatives





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