

Presented at



Auroville Green Practices

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Food Systems

Concept of Food System

- nested systems bio>socio>econo sphere
- human ecology: cycles, not lines
- complexity demands bottom-up / network approach, no blueprints
- value chain as grid, interfacing with all 3 spheres (PPP)



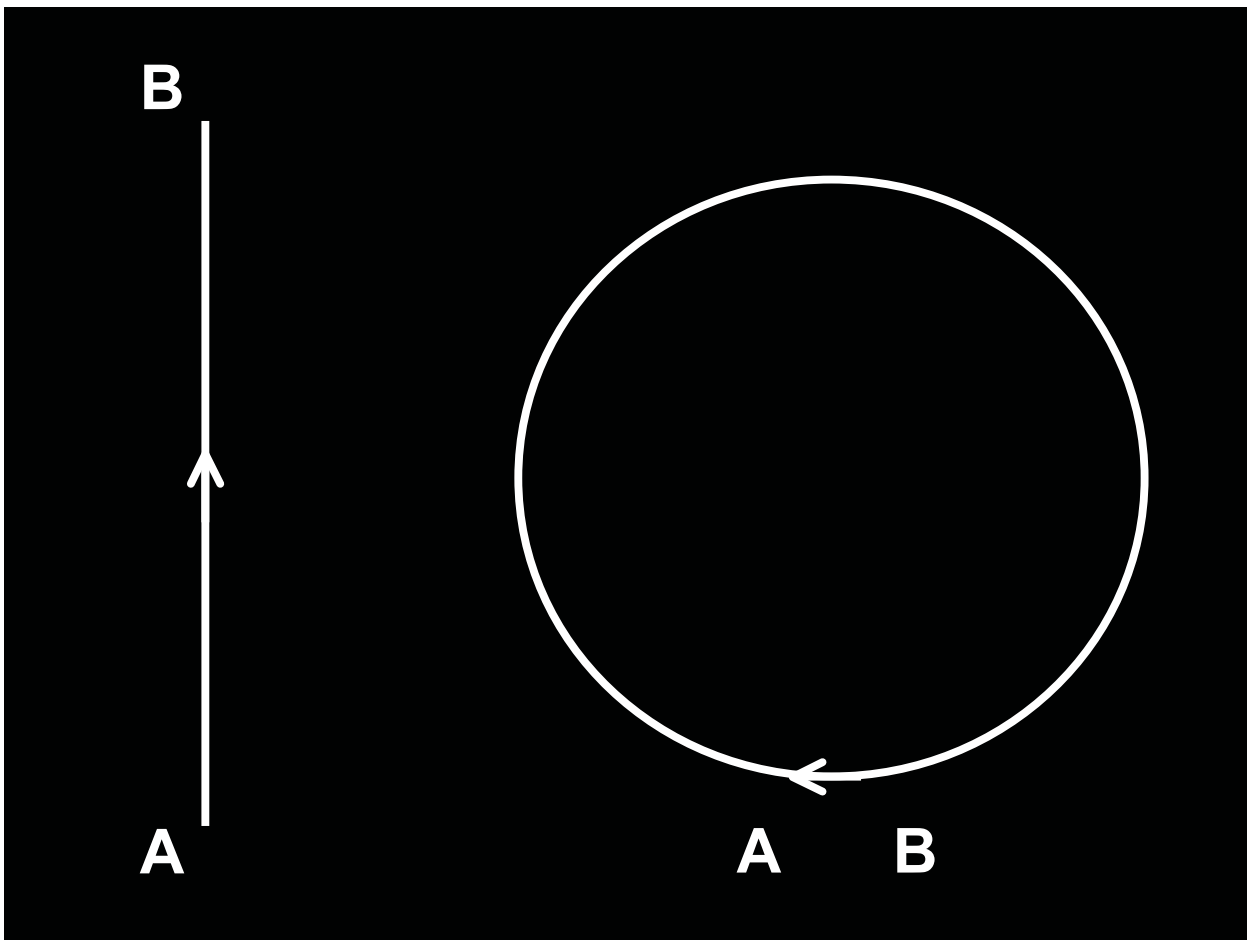
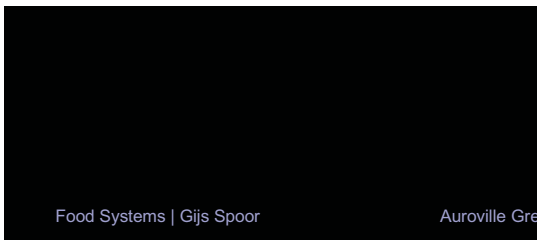
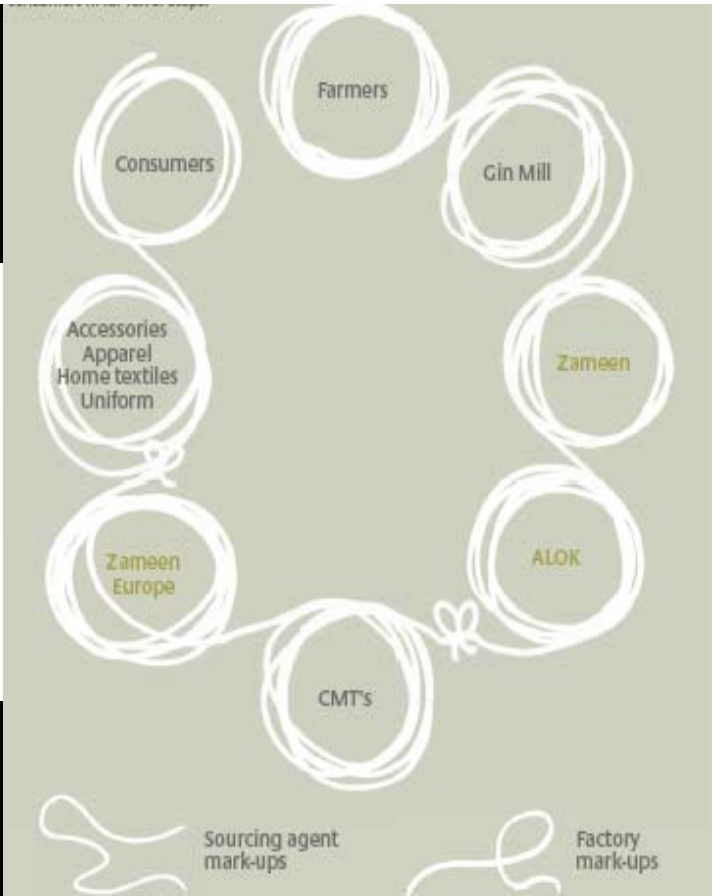
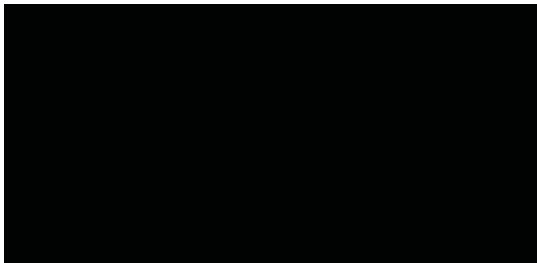
PLANET

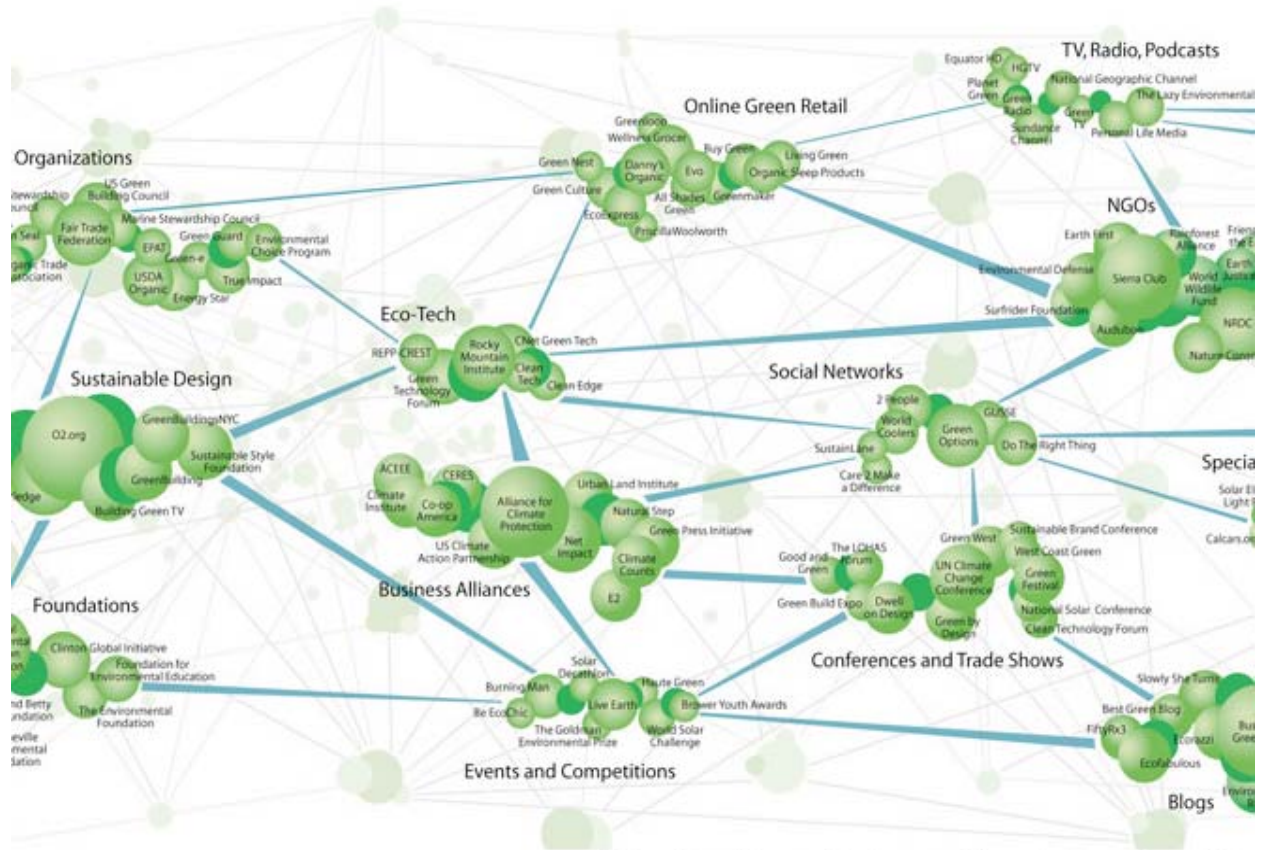
Society

Economy

Values





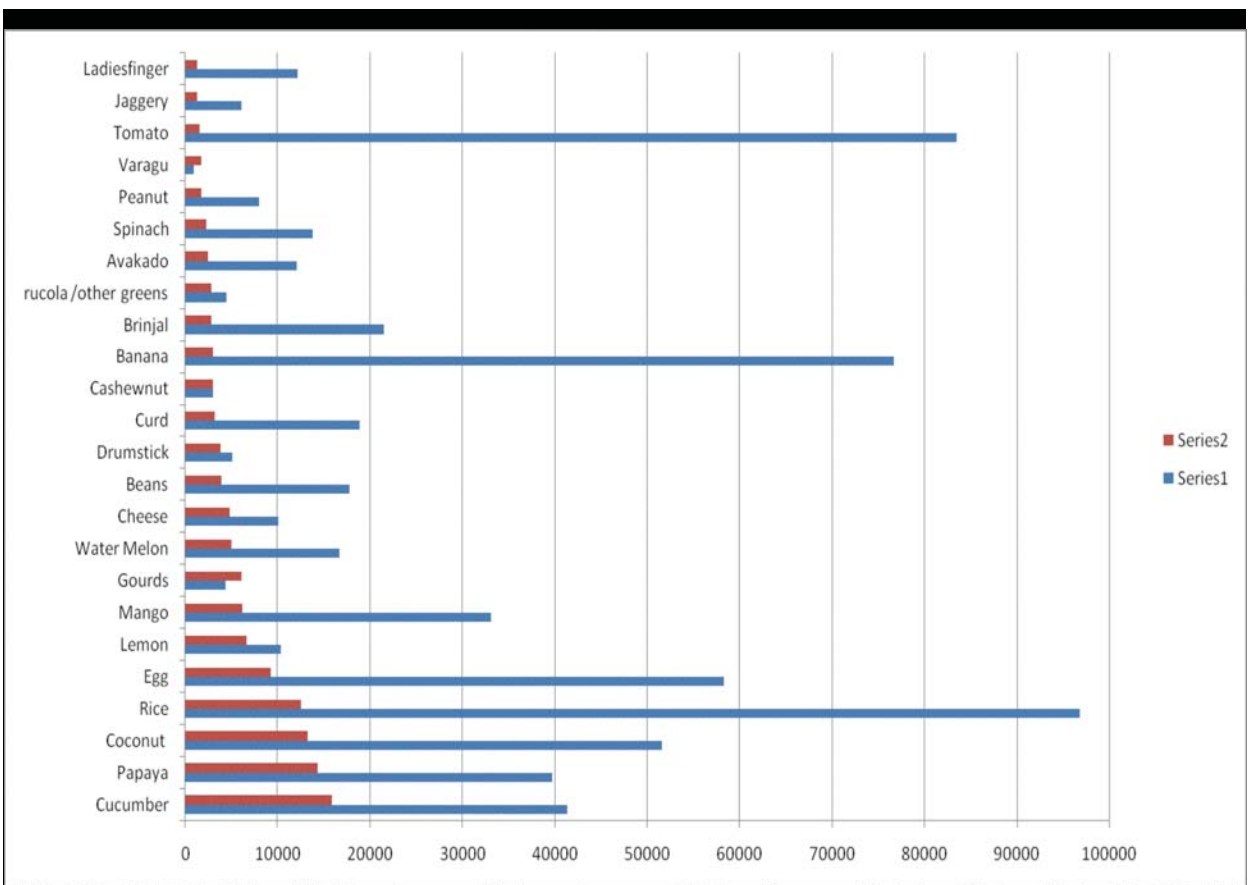


Millions of people connecting to green information through a vast, inter-connected network. This chart illustrates just a sampling of the thousands of connections.

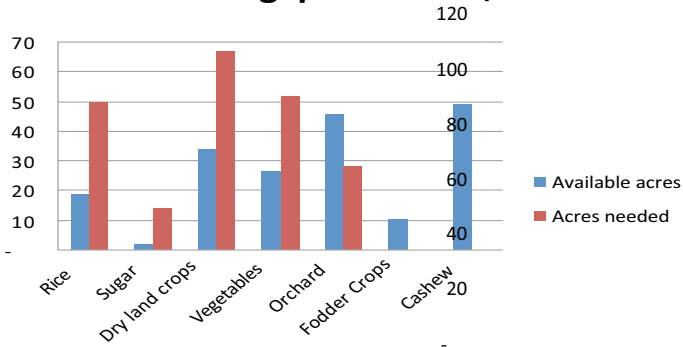
Practice in Auroville



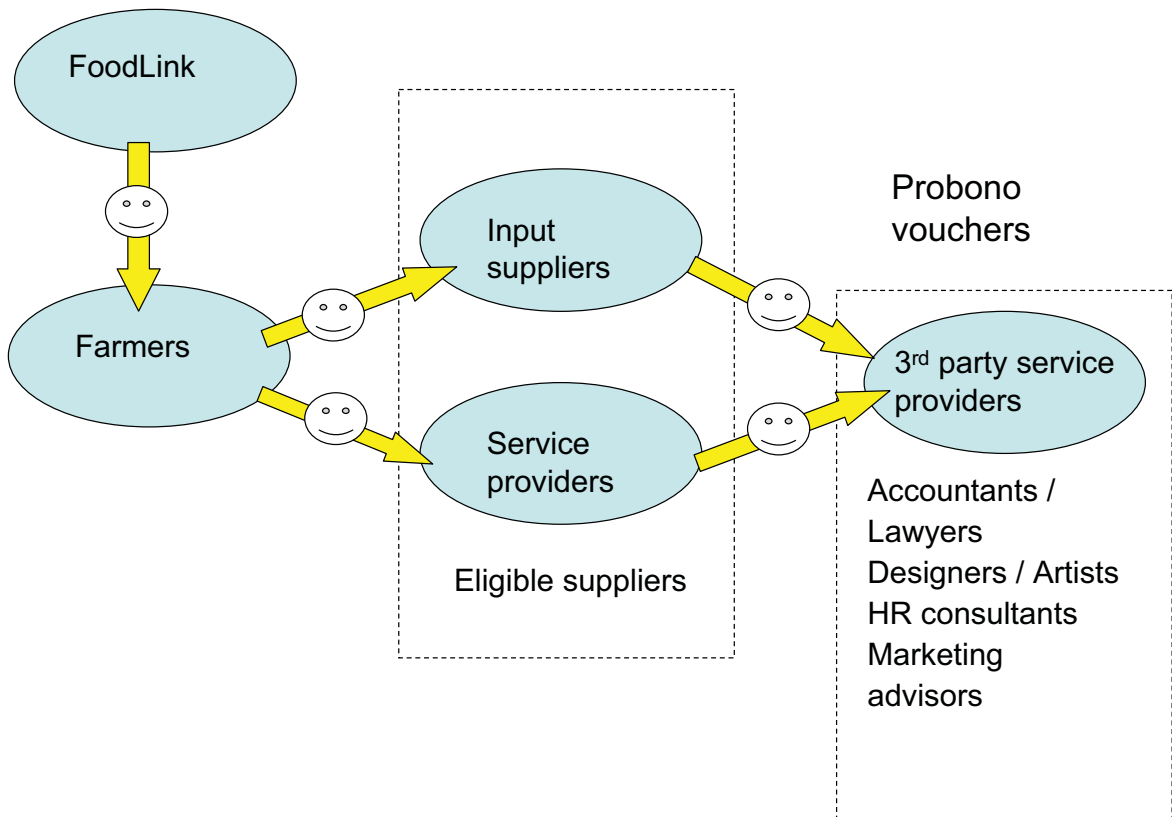
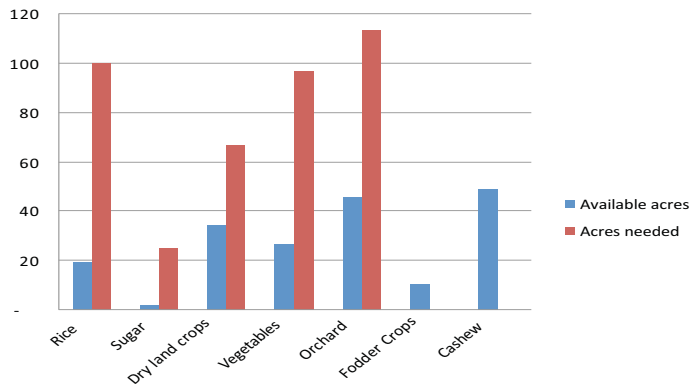
- AV food system governance: multi stakeholder platform
- research findings: per capita footprint, consumer-producer-partnerships (CPP)
- questions:
 - cash premiums / food smiles (LETS)?
 - can diets be influenced through collective kitchens?
 - can financial sustainability be achieved through carbon credits, agritourism, ecosystem services?



Land need gap at maximum yield level



Land need gap at realistic yield level



Relevance for urban planners

- include food security and food sustainability in core services offered to residents
- plan for total footprint of urban community (energy, water, land & services consumed)
- CPP options: CSA, fairtrade + organic farmer groups, town-village twinning, contract farming
- collective kitchens: central meeting place, community building, hub for information on sustainable lifestyles

Relevance for urban planners

- include direct, long term market linkages in design for "project livelihood"
- include ecosystem services as value adding
- CPP options
- community enterprises: collective QC, logistics, marketing, extension, community development/ investment (CBO)



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Food Systems



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