

Session 4; Gearing Up

- What is stopping us? (being best example of full-cycle, circular economy, sustainable forest in trouble world?)
- legal blocks / political will (though it seems to have support)
 - volunteers (like Curtin gardeners) and legals (insurance/liability)
 - who 'owns' it? who facilitates it? (provides equipment, space etc)
 - what policy directs it (ie "Urban Forest Strategy" - developing at the moment)
 - fairness/equity - needs to be a system set up (not chaos) ie a not-for-profit operation

Which of these can be resolved with greater knowledge and further research?

- make the case for this using examples of where it is already 'working'? even locally; like "Thor's Hammer" and makers spaces
- canvas options, develop potential models to pitch to Govt (Act)
- investigate legal precedent for volunteers/volunteering etc
- ensure feed-in to development of policy/regulation
- 'sell' the sustainability aspects (esp. carbon offset/mitigation)
- seek govt. funding to seed small-scale project and scale up?
- Public database of trees (research by edu institutions)

What are the linkage partnership that need to be established for a successful model to be implemented?

- "buy-in" from existing operators who may see this program as a threat (Thor's, Arborists, timber merchants etc)

In order to have an equitable system that distributes a community resource/asset who gets the wood? What happens to the wood? Who 'profits'?

- really needs a formal not-for-profit organisation or community shareholders
- those who participate in set-up/creation/operation get first 'dibs'
- Sales (cost-recovery); not opening to 'for-profit' operation (but operate without loss)
- any profit rolled back to urban-forest operations? (ie tree plantings)
- any tree plantings should be considerate of future urban-forest operations?

Diverse products / uses from salvaged wood

- timber
- mulch
- firewood / heating fuel - pellets / brickettes.
- biofuel
- biochar
- nature play
- Community education / festivals - Demonstration.
- artisans

DATA

RESOURCES

HUMAN



- Size of Resource?
- How much per type?
- Existing markets? Markets to be developed?
- Resources/Staff to develop process. + \$\$
- System to tag/sort resources
- Space to store/process
- Modelling of economy - supply/Market/Costs
- Partnerships? - Govt - Businesses - Community

Quantifying Scale
Expectation of rate of supply



What's stopping us...

- Gov & processes
- Perceived lack of market
- Ignorance
- Education (lack) about impact
- Vocal minority
- Cost effectiveness
- Organisation
 - Better & pre-planning for events
- Intangibles
 - values
 - Cultural
 - hard to gauge
 - environmental benefits

What can be resolved?

- Cost effectiveness
- We need passionate bureaucrats
- Allowing private enterprise to take on some of the processes
- Allowing contractors to have autonomy
- Pre-approval process

What are the partnerships?

- Arborists working w/ processors
- Supply chain → connect → develop → nurture
- Govt. to makers to Private Enterprise
- Craftspeople - Design Canberra
- Government → Processors → Schools
- CIT Purchaser ← Makers
- ANU - Placemakers

Who gets the wood?

- Pre-qualified for tender applications to determine who gets it AND mix of use based on grading.
- Contractors removing tree to flag grading @ removal

Who profits? benefits.

- Cost reduction vs profit (Govt.)
- Economic / Social / Environmental 'profits'
- Processors - Education institutions
- Makers - Consumer
- Community

CONTRIBUTING
TO
COMMUNITY
GOOD.

MEANINGFUL



ACOUSTIC
INTERIOR
FIT-OUT

FOREST
WOOD
PRODUCTS.
ASSOC.

SAWMILL

LAMINATED

ENGINEER
STRUCTURAL

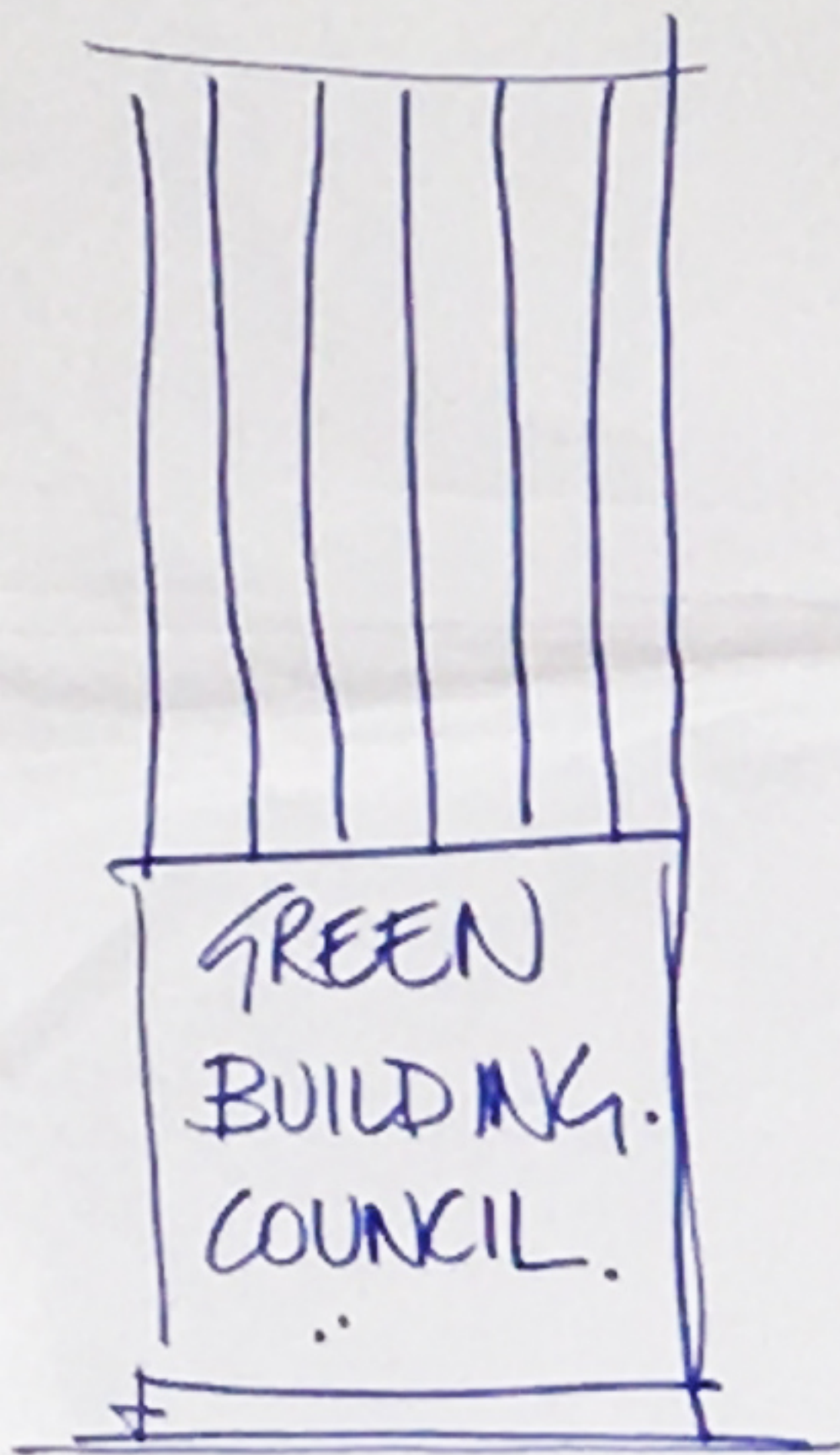
CERTIFICATION

ARCHITECT
PUBLIC BUILDING

CARBON CREDIT

YEARS TO REGISTER.

MEASURE



IS IT?

NICHE
COMMUNITY.

GOOD FEELING

TEACHING
SKILLS

PARK
COMMUNITY TURN

SOCIAL
BENEFITS.

SCALE

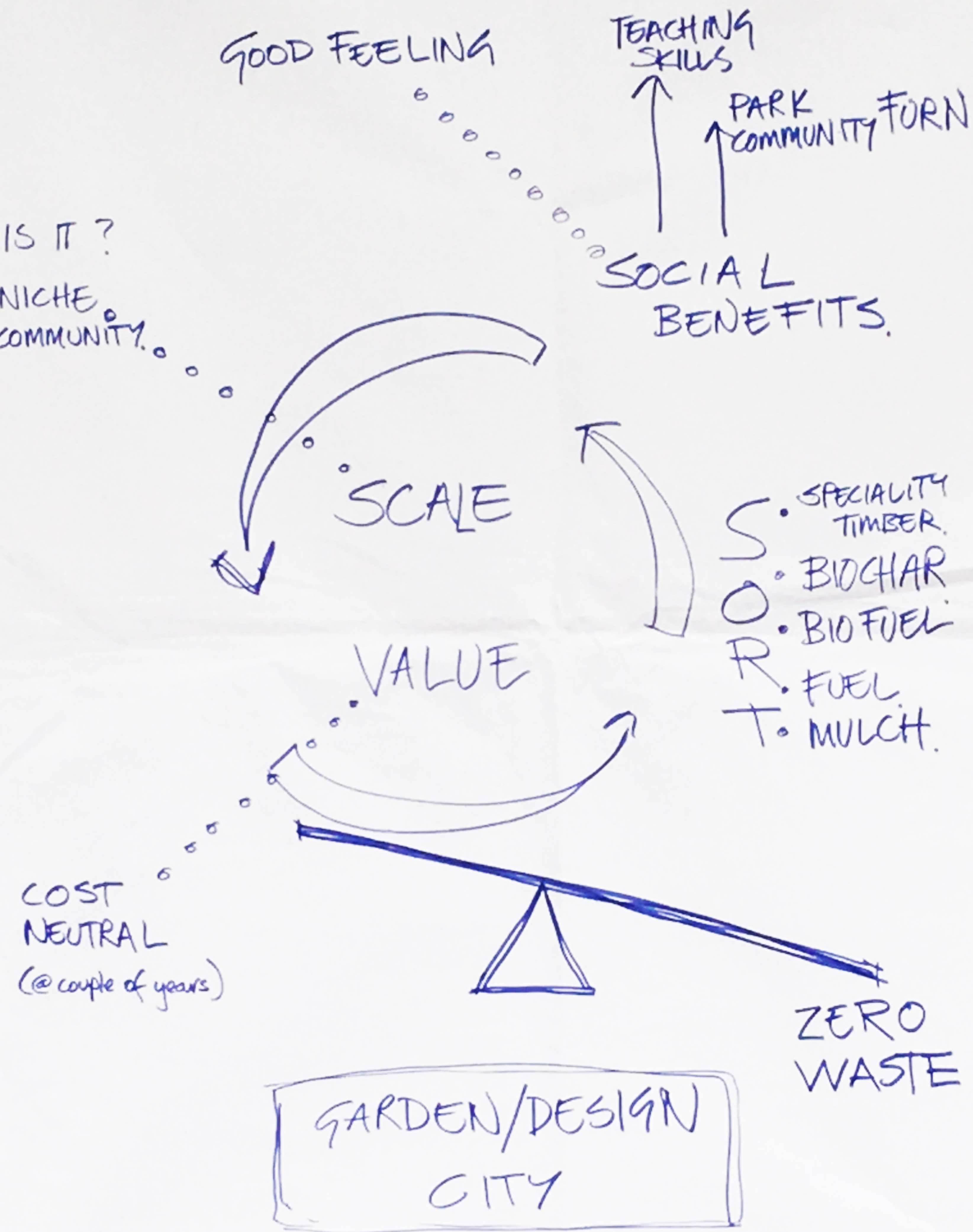
VALUE

S. SPECIALITY
TIMBER.
O. BIOCHAR
R. BIOFUEL
T. FUEL
T. MULCH.

COST
NEUTRAL
(@ couple of years)

ZERO
WASTE

GARDEN/DESIGN
CITY





- ^{OBSTACLES established >}
CIRCULAR ECONOMY
- competition with industry?
 - competitive lobbying by industry.
 - how do you subsidise startup - 2-5 yrs.
 - seasoning - storage space & time

- LINKAGE PARTNERSHIPS - Govt. - Carbon offsets/economy
- Education, institutions
 - Industry? - arts/crafts?

- Distribution?
- community groups, institutions, not-for-profit
 - small business/craftspeople

TIME IS MONEY & the cheapest thing to do is smash it.

EDUCATION - WHAT IS QUALITY & is it worth paying for?

- Trades/Craftspeople who can work with inconsistent materials

carbon credits per piece of furniture

Specialty, Niche markets that don't compete with industry

Milled for purpose - $\frac{1}{4}$ sawn straight grain softwoods - musical instruments