

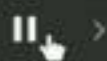
REGATHER

**SHEF
FOOD**
Sheffield's Food Partnership



System Change
Not Climate
Change
How Circular
Economy &
Systems Thinking
is Helping
Transform Food
For Sheffield

ReTra©E
Realising the Transition towards the Circular Economy



Slide 1



EXIT

Gareth Roberts

- ▶ UoS Alumni - 94-97, Urban Studies
- ▶ Experience:
 - ▶ Arts Administration
 - ▶ Events & Festivals Manager
 - ▶ Lecturer
 - ▶ Social Entrepreneur
- ▶ Passions:
 - ▶ My Family (& our Campervan!)
 - ▶ Sustainable Food
 - ▶ Cooperation
 - ▶ Allotment | Chickens | Lego
- ▶ gareth.roberts@regather.net



Regather

- ▶ To grow the **economy** of Sheffield by developing a more **productive landscape**, with particular focus on **urban food production**, and to transform the resilience and sustainability of the wider **local food system** of Sheffield



ShefFood

- ▶ the Sustainable Food Places member and cross-sector food partnership for Sheffield - working towards a more sustainable food system for Sheffield.



Slide 3



Q & A



Notes



Pointer



Captions



Tips



Zoom



Settings

EXIT

Regather

- ▶ **Regather Works, Little Sheffield**
 - ▶ community food hub & main premises
 - ▶ office, packing room, commercial kitchen, microbrewery and licensed venue
- ▶ **The Club Garden, Little Sheffield**
 - ▶ urban greenspace - raised beds, fruit trees - 'edible landscape'
 - ▶ UoS Institute of Sustainable Food Minifarm
- ▶ **Regather Farm, Moss Valley, NE Derbyshire**
 - ▶ 4 acre market garden | 8 acre agroforestry development | 2 acre meadow



backway | polytunnels



Minifarm

Aquaponic & Hydroponic Growing



Regather Farm

Moss Valley

15 Acres

Organic

Market Garden

Agroforestry

Orchard

Meadow

Ponds



ShefFood

- ▶ **Food Partnership for Sheffield**
 - ▶ Key stakeholders to transform policy, strategy, support and governance of a sustainable urban food system for Sheffield
- ▶ Support from Sustainable Food Places
- ▶ Lead partners: Regather, FoodWorks, Heeley City Farm, Green City Action, Sheffield Climate Alliance, University of Sheffield, Sheffield Hallam University.
- ▶ Regional partners in Doncaster, Barnsley & Rotherham + Yorkshire wide network



SHEF
FOOD
Sheffield's Food Partnership



ShefFood

- ▶ Developing the Sheffield Food Partnership
 - ▶ governance, engagement, capacity, awareness, sustainability
- ▶ Influencing the Sheffield Context
 - ▶ review strategies, policies and bodies, analyse food system(s), food procurement and food culture
- ▶ Food Campaigns for Sheffield
 - ▶ maximise Veg Cities & Food Power



SHEF
FOOD
Sheffield's Food Partnership



Topics

- ▶ Food Systems
- ▶ Values Based Food Chains
- ▶ Case Study - Regather Box
- ▶ Case Study - Fresh Street
- ▶ Land, Work & Inputs
- ▶ Integrated Urban Agriculture



Slide 10



Q & A



Notes



Pointer



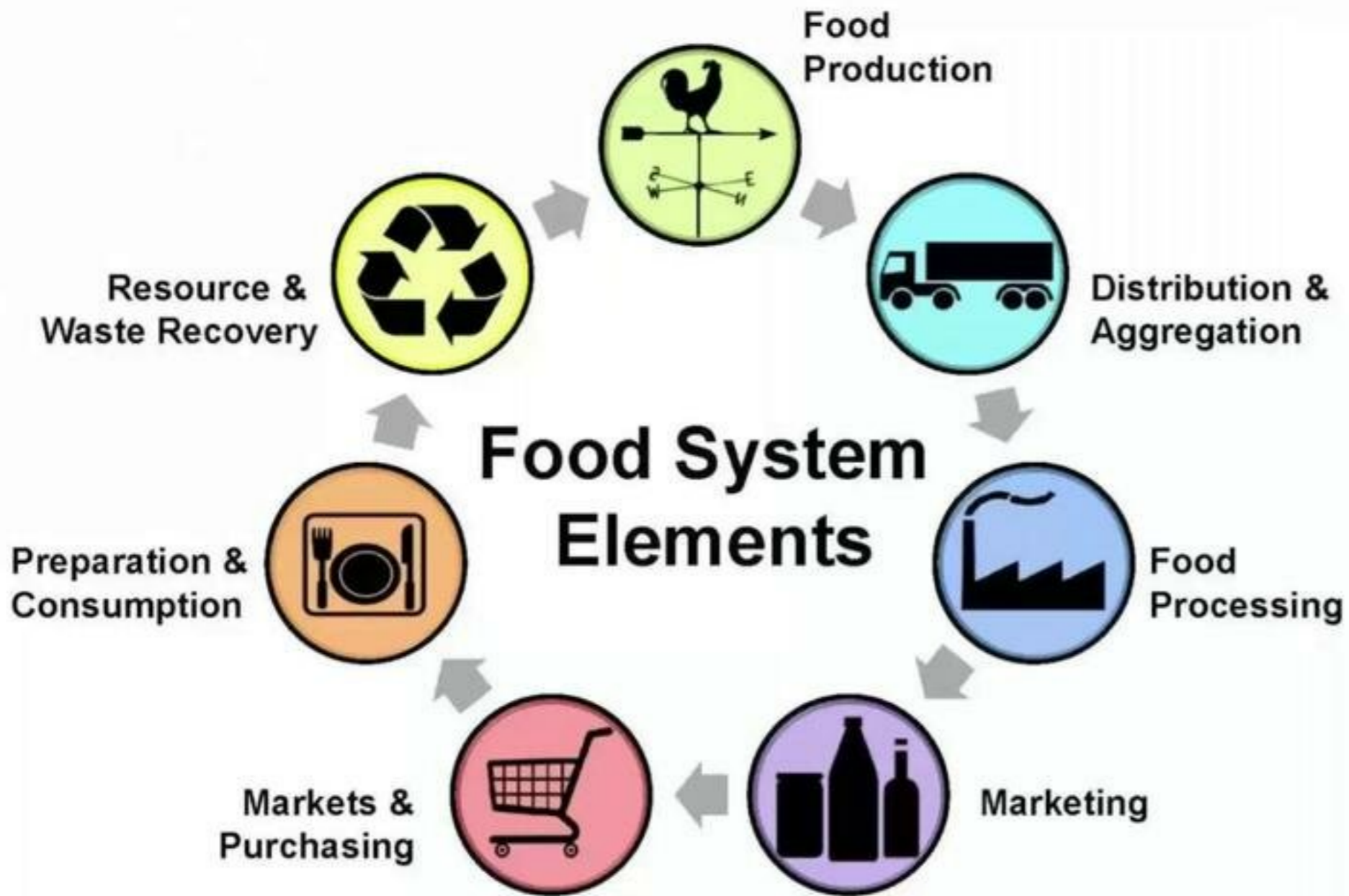
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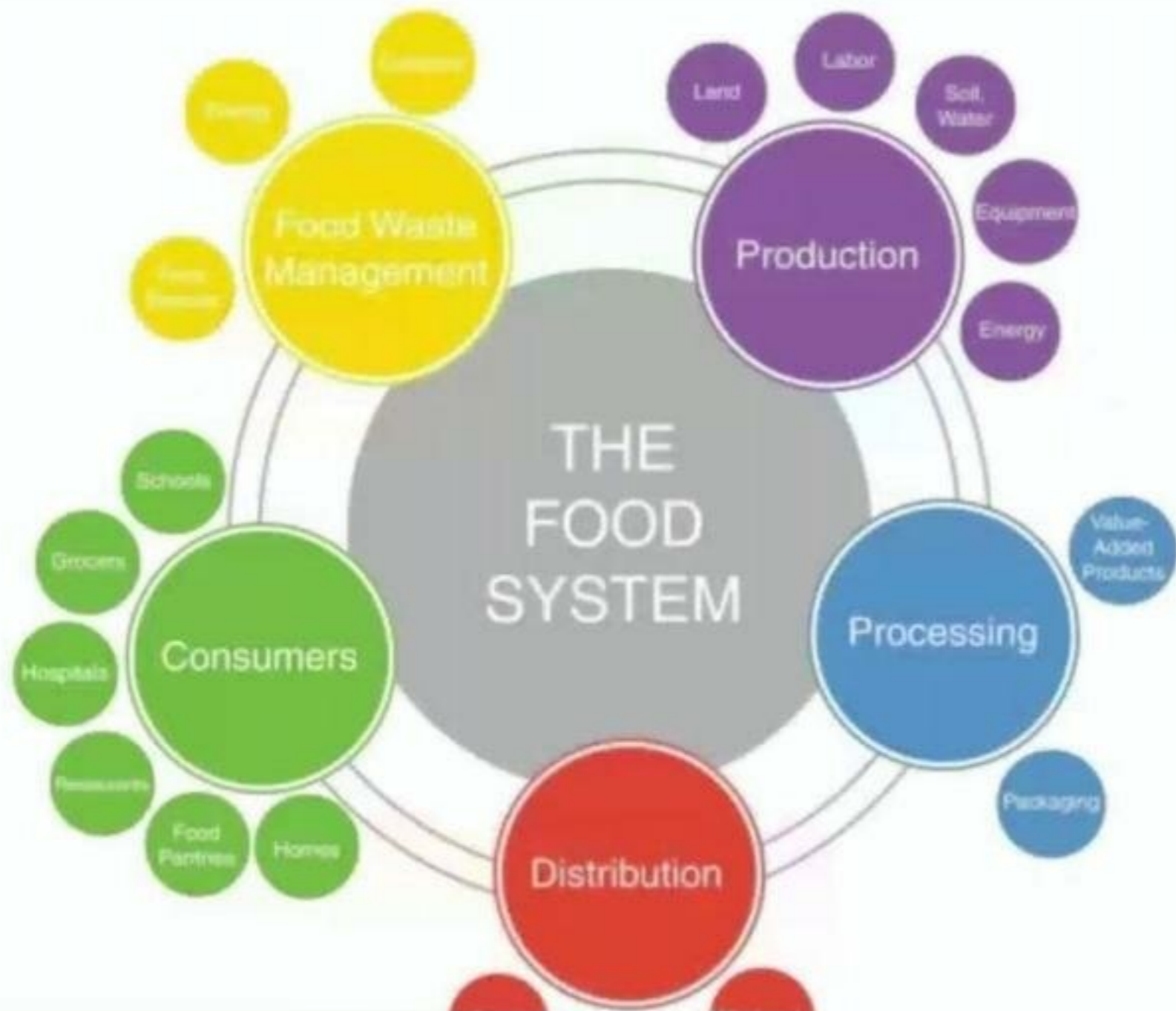


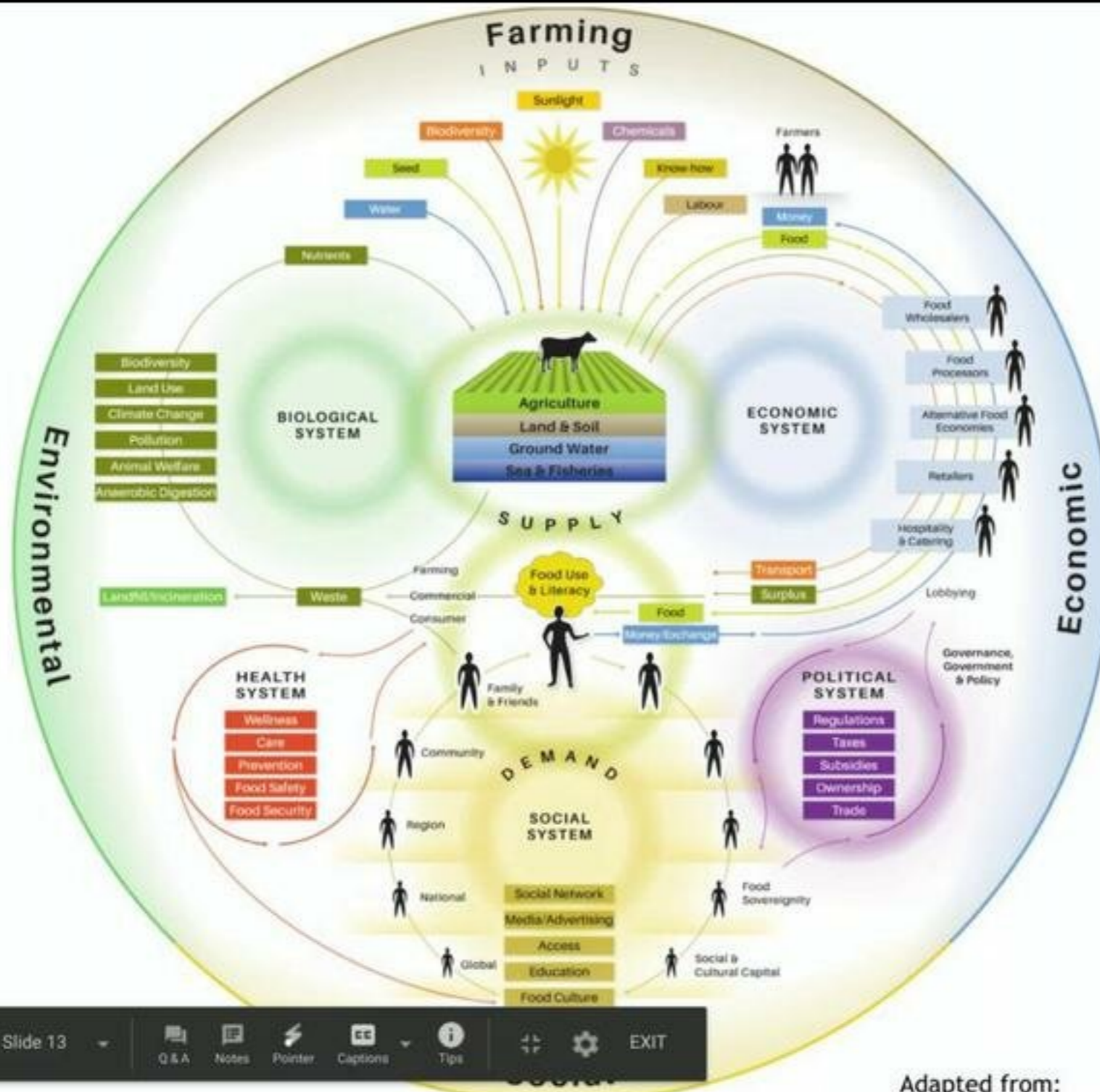
Tips



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Adapted from: <https://www.ipsa.be/en/food-systems>

Food Systems Approach



Slide 14



Q & A



Notes



Pointer



Captions



Tips



Info



Zoom



Settings

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Food Systems Approach

▶ Food Provision

- ▶ production, harvesting, processing, distribution, retail, consumption, waste management

▶ Dimensions

- ▶ social, economic, environmental, biological, political
- ▶ and digital...

▶ Foodsheds (like watershed)

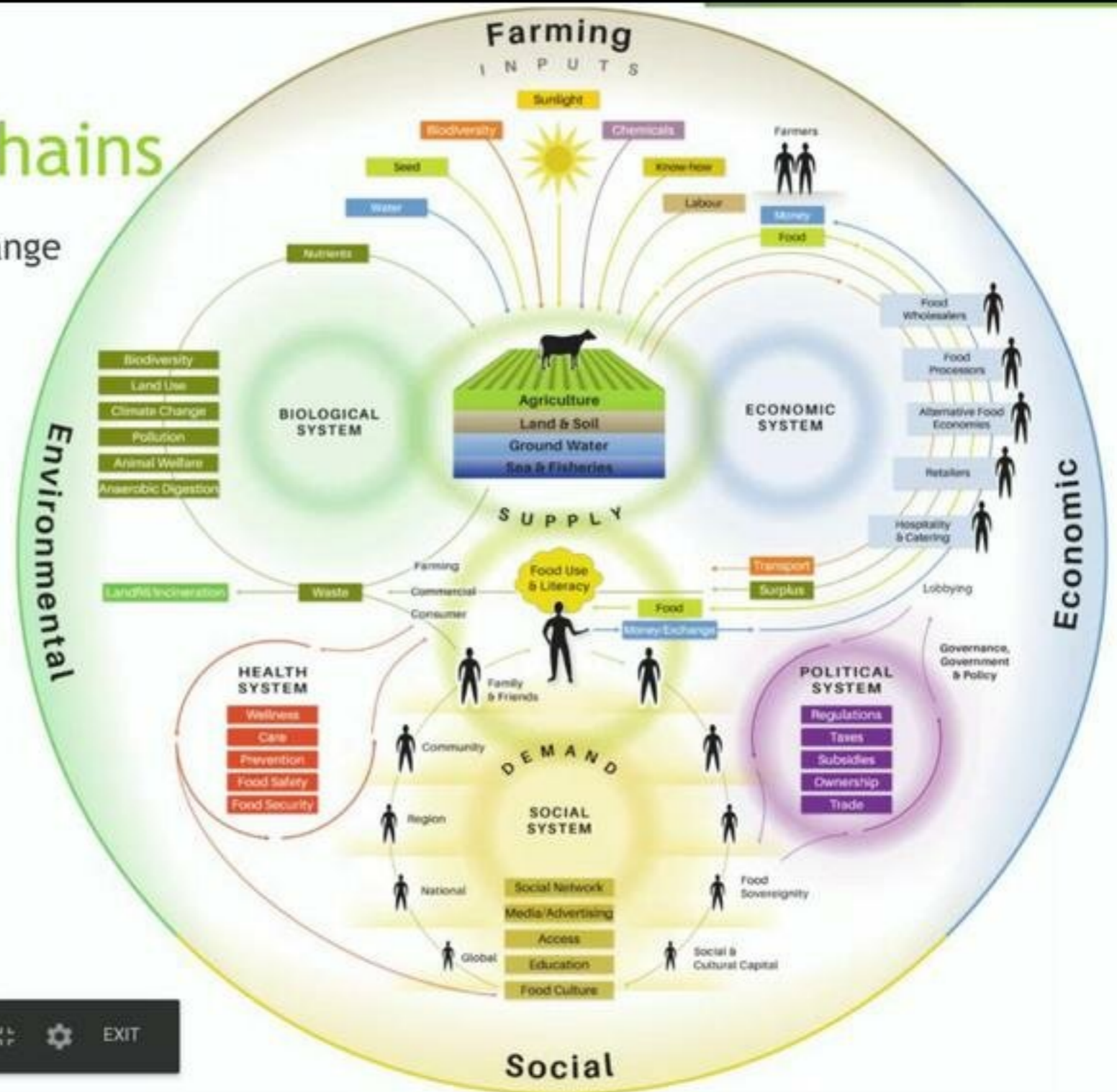
- ▶ land, productive capacity, parameters / perimeters, linkages urban / peri-urban / rural

▶ Flows

- ▶ products, services, power, money, data, nutrients, water, energy, vehicles, people, resources...

Values Based Food Chains

- ▶ Values of object and process of exchange
- ▶ Producers
 - ▶ strategic partners
 - ▶ not interchangeable input suppliers
- ▶ Customers
 - ▶ values based offer
 - ▶ fairness | provenance | standards
- ▶ Why the focus on VBFCs?
 - ▶ chains, within systems
 - ▶ drivers of change



VBFC Case Study: Regather Box

- ▶ Supporting a mixed local economy of organic fruit and vegetable production
- ▶ Values in Action:
 - ▶ local, seasonal, co-operative, organic
- ▶ Sheffield producers (~£25k in 2019)
- ▶ Regional wholesalers (~£180k in 2019)
- ▶ Regather Farm - increase local supply to meet demand for local produce
- ▶ But not without challenges...

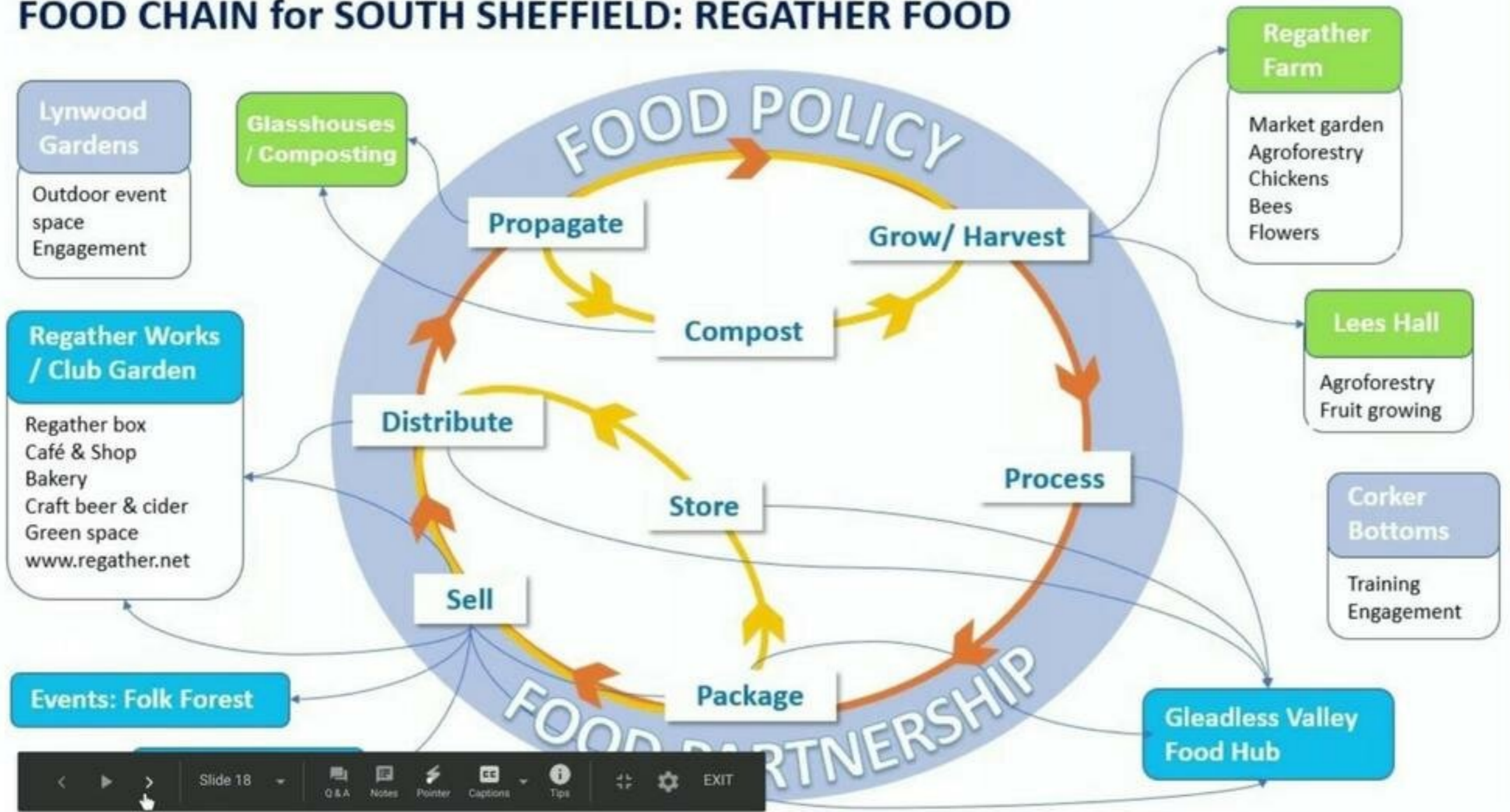


VBFC Case Study: Fresh St. Sheffield (2018-19)

- ▶ How to create sustainable and healthy diets, eating behaviours and food systems for everyone?
- ▶ Fruit & Veg cash transfer voucher
- ▶ £5/wk, 56 households, ~12 months
- ▶ MRC / UoS / SCC Public Health research
- ▶ Gleadless Valley, Sheffield
- ▶ Moor Market / Fresh St Bag
- ▶ Needs? Challenges? Solutions?
- ▶ Outcomes? Values?



FOOD CHAIN for SOUTH SHEFFIELD: REGATHER FOOD



Land, Work & Inputs

- ▶ Supplier Growing Sites **35.3 acres!**
 - ▶ Wortley Walled Garden, **3 acres**
 - ▶ High Riggs, **2.5 acres**
 - ▶ Sheffield Organic Growers, **12 acres**
- ▶ New Regather Growing Sites
 - ▶ Regather Farm - Moss Valley, **14 acres**
 - ▶ Club Garden - Sharrow, **1 acre**
 - ▶ Lynwood Garden - Broomhall, **1.6 acres**
 - ▶ Corker Bottom - Manor, **1.2 acres**



Land, Work & Inputs

- ▶ Work - a labour supply crisis...
 - ▶ Training & Skills
 - ▶ Employment & Volunteering
 - ▶ Apprenticeships
- ▶ Positive Developments
 - ▶ New Deal for Growers / Small Farms
 - ▶ Future Growers / Farm Start
- ▶ HUGE Challenges and Opportunities



Slide 20



Q & A



Notes



Pointer



Captions



Tips



EXIT

Land, Work & Inputs

- ▶ Essential Inputs...
 - ▶ Water - boreholes, irrigation, efficiency
 - ▶ Soil - degradation, recovery, upkeep
 - ▶ Light & Heat - day length, seasons, cover
 - ▶ Chemicals - organic, non-organic
 - ▶ Nutrients - green manure, compost, animal inputs
 - ▶ Seed - varieties, production, saving, supply
 - ▶ Agroforestry - tree planting as input



Slide 21



Q & A



Notes



Pointer



Captions



Tips



+



Settings

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Land, Work & Inputs

- ▶ Input Considerations...
 - ▶ Rural | Peri-urban | Urban Locations
 - ▶ Inputs, conditions, techniques vary
- ▶ Water - rain harvesting, greywater reuse
- ▶ Soil - soil-less / import | contamination | AD
- ▶ Light & Heat - artificial | PV | urban heat & CO₂

Fully Integrated Urban Agriculture...

- ▶ Sites - Indoor, vertical, roof top, brownfield
- ▶ Expertise - AMRC, UoS, SHU, IKEA...



FOOD CHAIN for SOUTH SHEFFIELD: REGATHER FOOD

