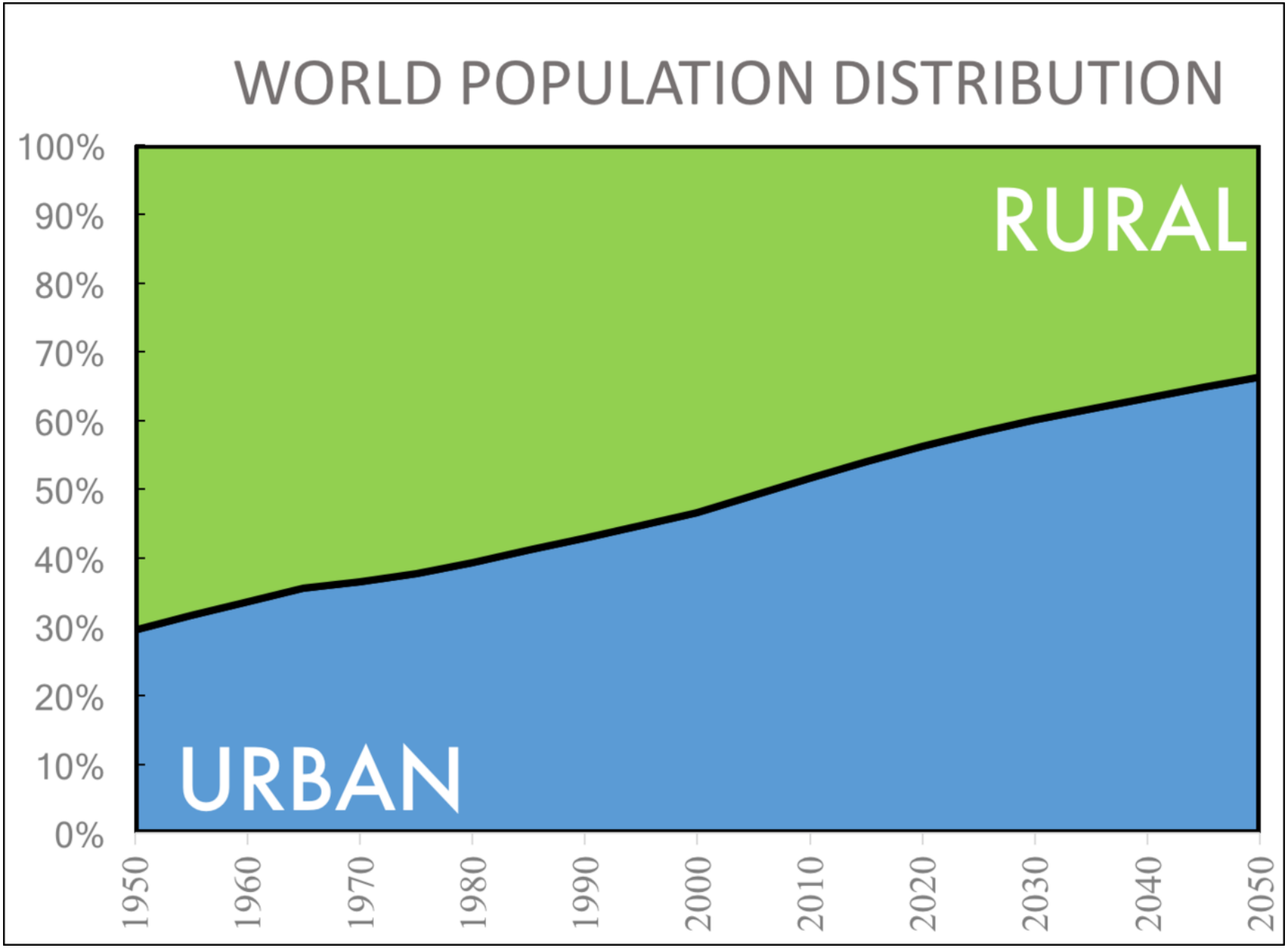
COBASE ECOSOC Gherush92 ECOSOC

Holistic cities

Bonn SB60

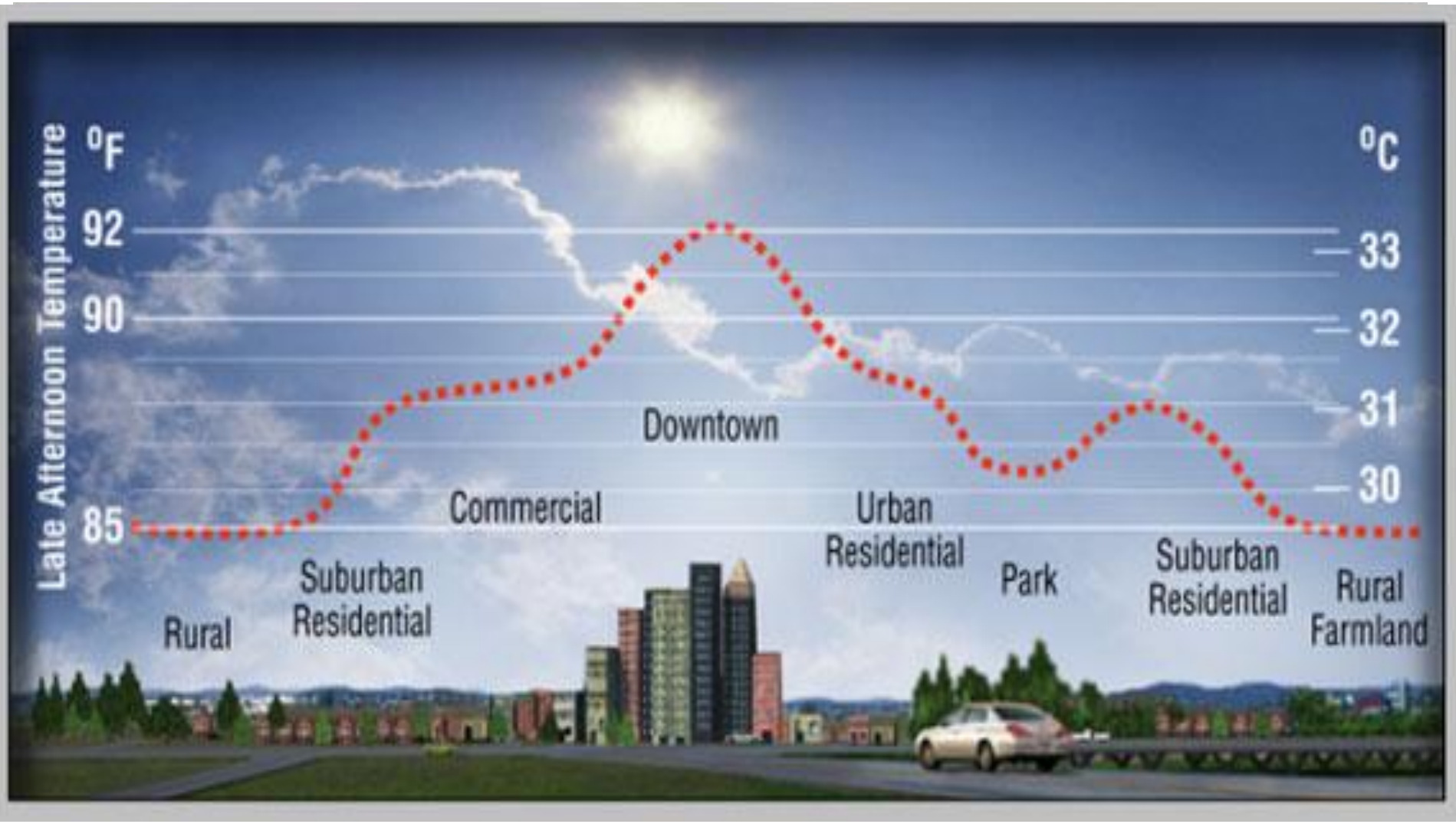
Cities are affected by a **local and anthropogenic** climate change.


WORLD POPULATION DISTRIBUTION
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
RURAL
URBAN
1950
1960
1970
1980
1990
2000
2010
2020
2030
2040
2050

COBASE ECOSOC

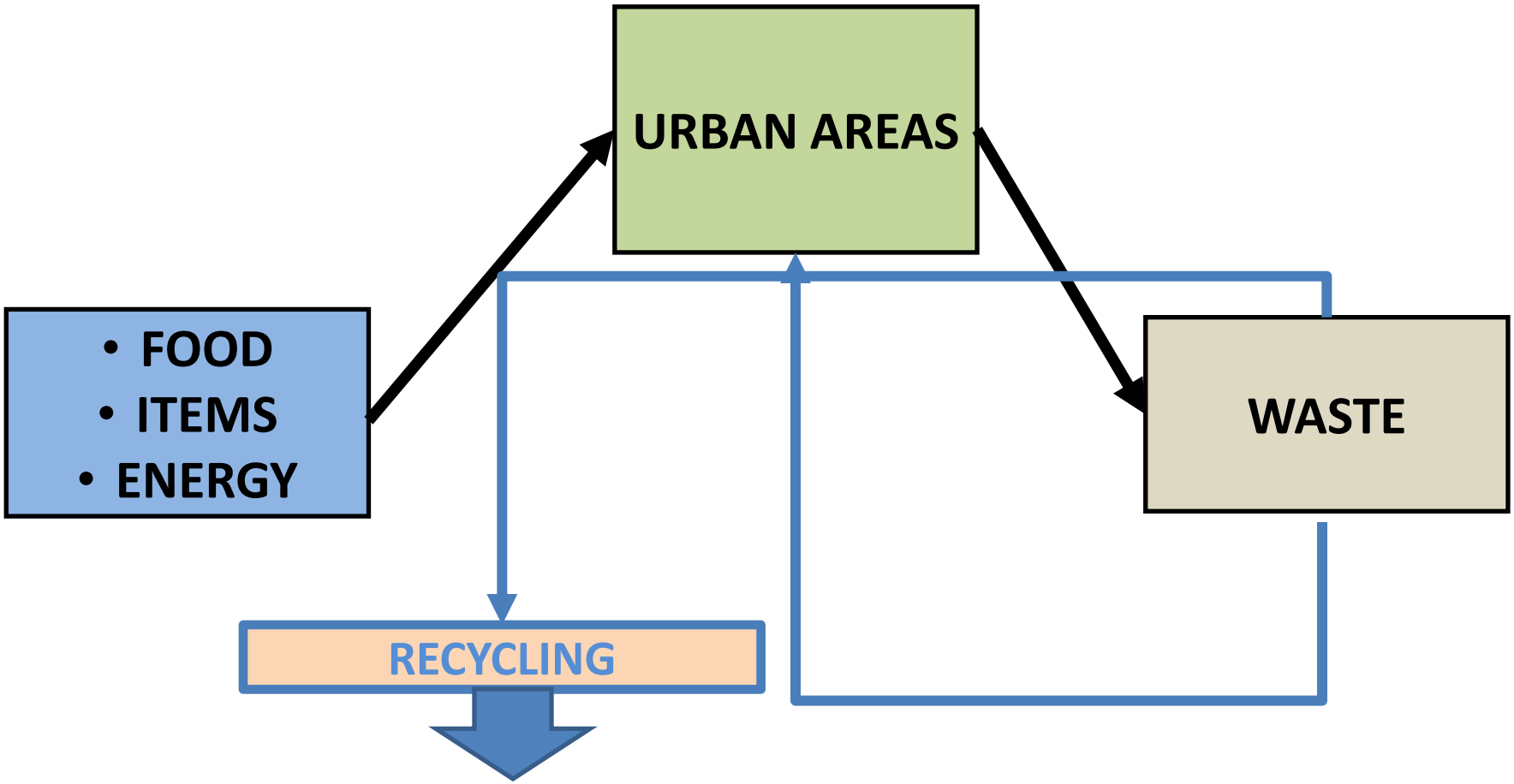
Gherush92 ECOSOC

Urban heat island



ARE CITIES A KEY DRIVER FOR CLIMATE CHANGE SOLUTION?

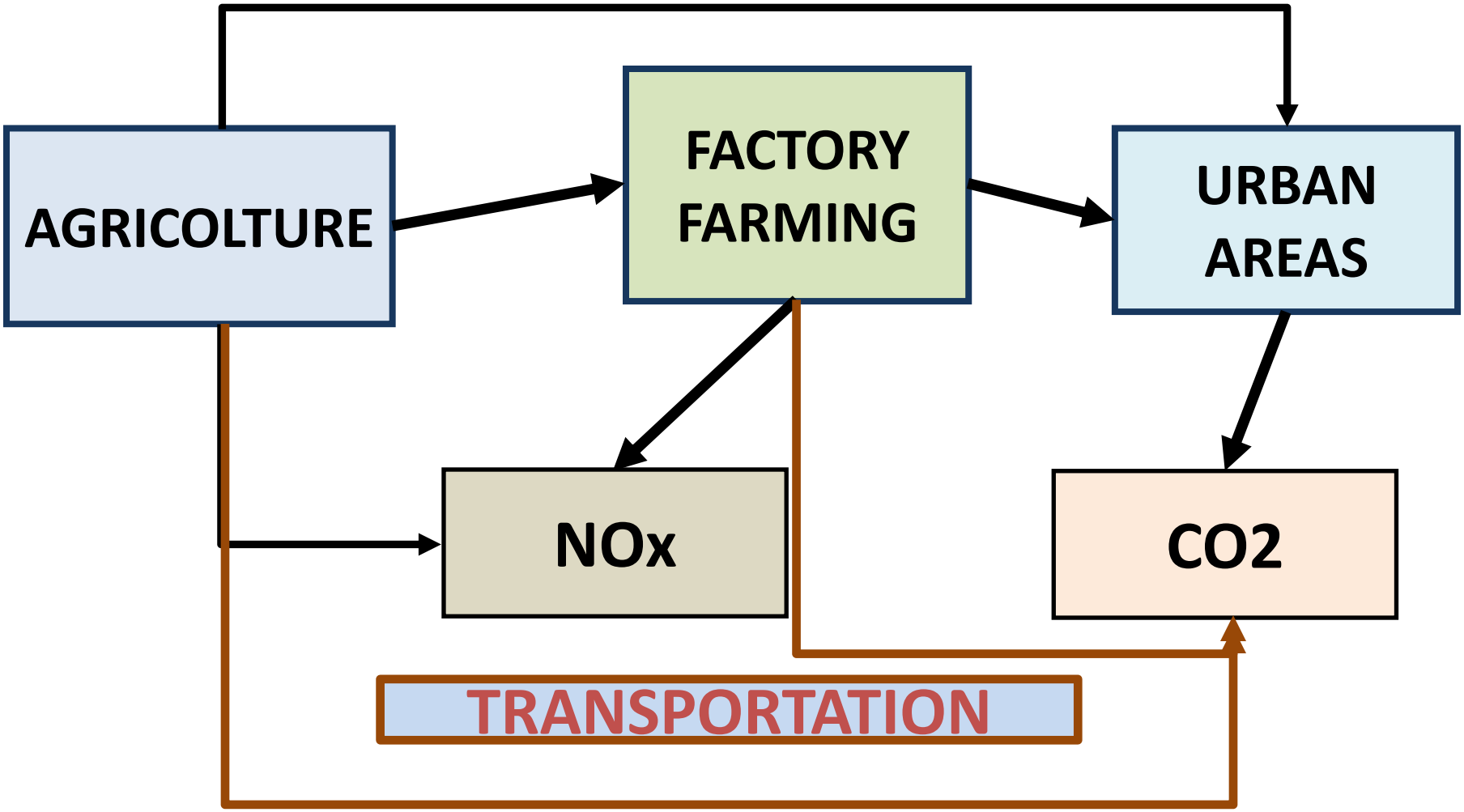
CITIES: MATERIAL FLOW



IS IT SUSTANAIBLE?

EXAMPLE: FOOD CHAIN

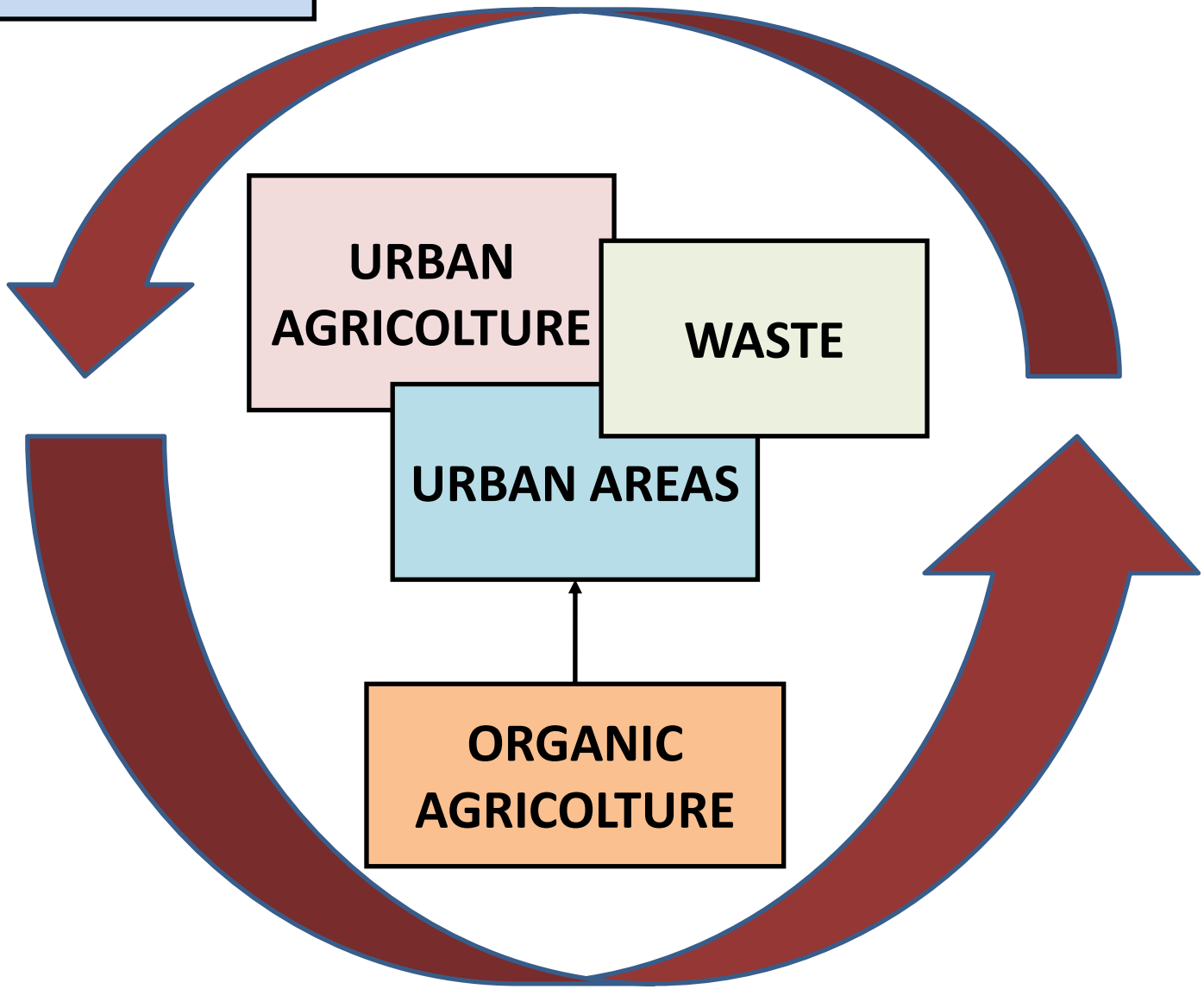
STATE OF THE ART
IS THAT MODEL SUSTAINABLE?



COBASE ECOSOC

Gherush92 ECOSOC

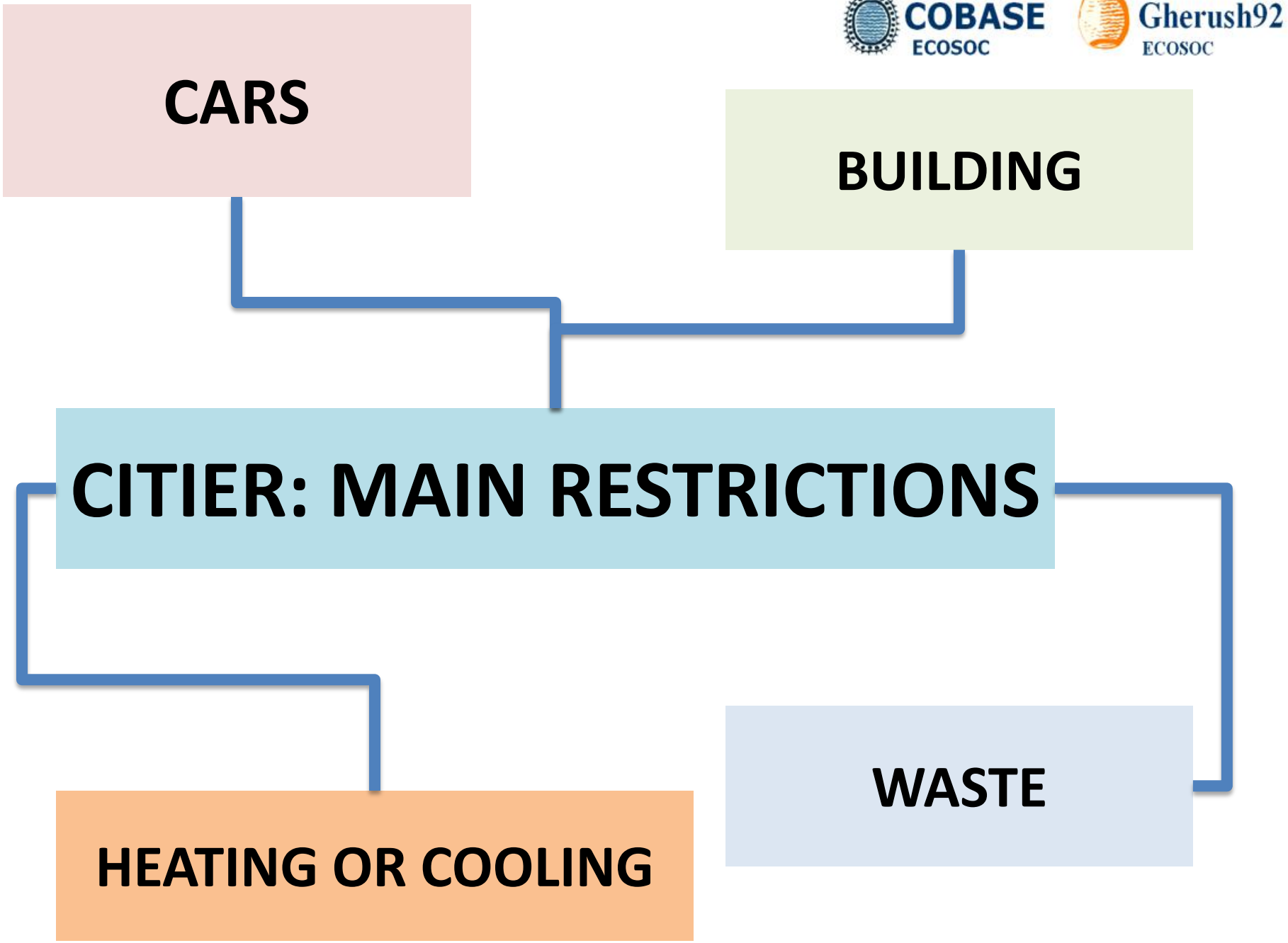
NEW URBAN LOOP



HOLISTIC CITIES

PRINCIPLES TO COMBAT CC.

- Designing human settlements mimicking natural ecosystems;
- Designing the city as a whole, as a complex system;
- Progressive elimination of combustion from the city;
- Defining an interdependence between economy and ecology;
- Defining a strategy to increase biological and cultural diversity;
- Defining a strategy to reduce city-system entropy.


CARS
BUILDING
CITIER: MAIN RESTRICTIONS
HEATING OR COOLING
WASTE

COBASE ECOSOC

Gherush92 ECOSOC

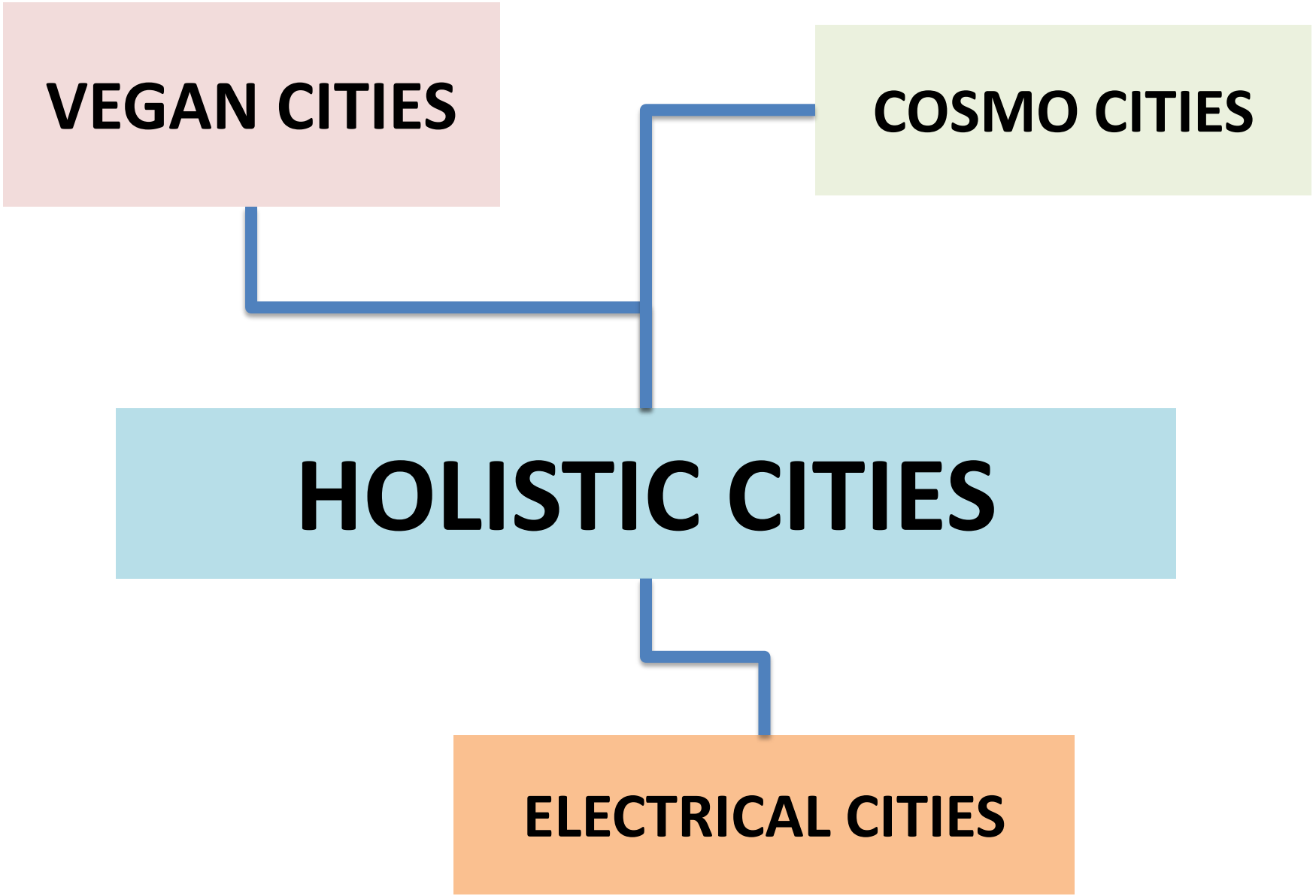
MEAT

COMBUSTIONS

CITIES: FUTURE RESTRICTIONS

FOOD

WASTE


VEGAN CITIES
COSMO CITIES
HOLISTIC CITIES
ELECTRICAL CITIES

ELECTRICAL CITIES AND AGRO-ECOLOGICAL PARKS

Using **high efficiency electricity** to design new settlements, **eliminating combustions**, developing **bio-circular economy** and the creation of **agro-ecological and eco-productive parks**

AGRO-ECOLOGICAL AND ECO-PRODUCTIVE PARKS AND FOREST GARDENING

RURAL AREAS

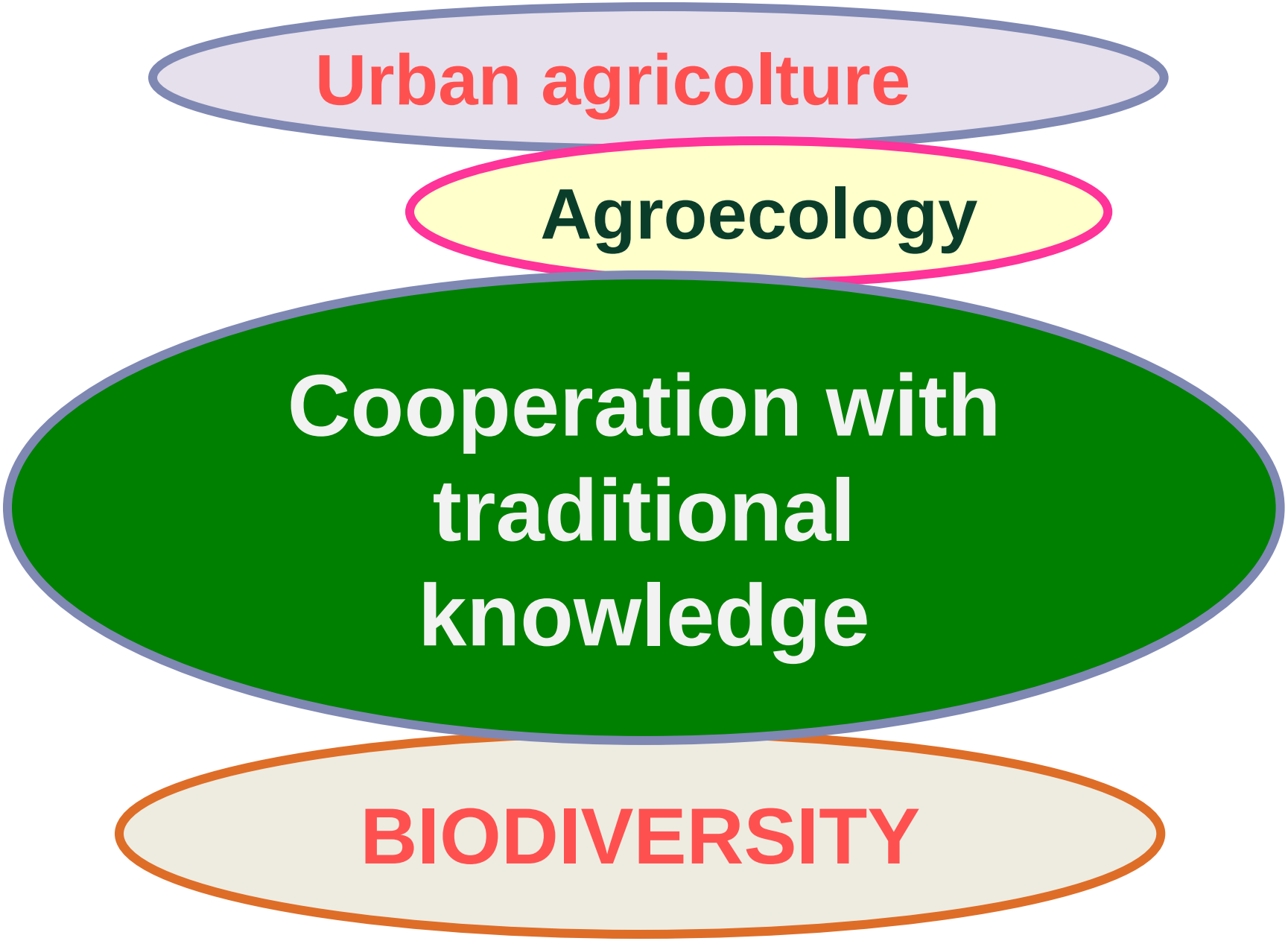
Preserve and restore traditional farming practices that are ecologically sound.

- Support the transition from petrochemical-based industrialized farming to an ecologically-based model.
- Preserve and restore rural lands and water systems, avoiding further degradation.
- Preserve and renew the economies and societies of rural communities.

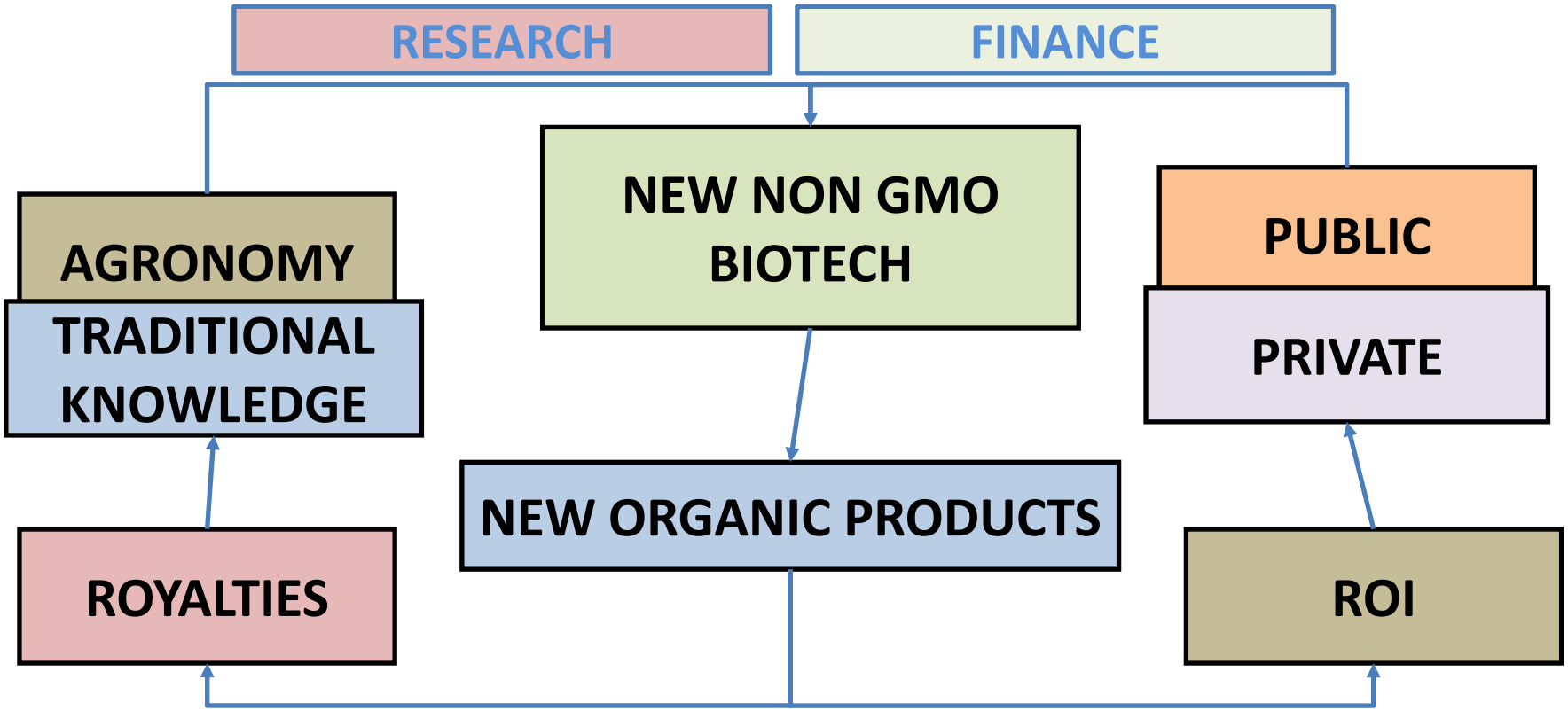
CITIES

Enabling slums to fight poverty inside urban areas.
Organic food production
Figthing climate change
Reducing transport cost and packaging
Restoring marginal lands
Enhancing a new organic biotechnology


MTA


Urban agricolture
Agroecology
Cooperation with traditional knowledge
BIODIVERSITY

URBAN AGRICOLTURE CREATING RESILIENT SPECIES



DIVERSITY IS LIFE