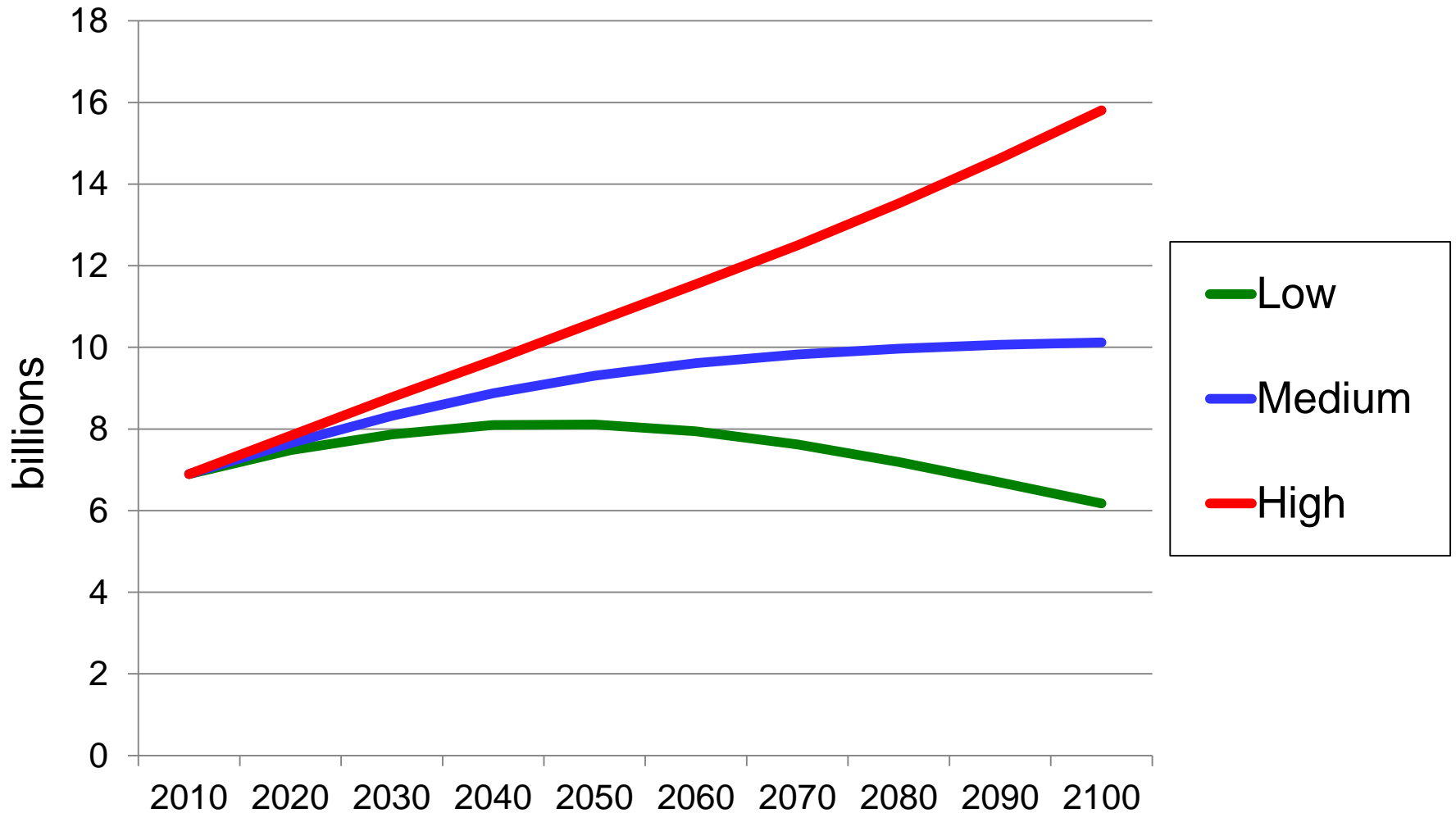


Celebrating CIRS

Presentation at
Celebrating CIRS | Accelerating
Sustainability conference
Nov 3, 2011

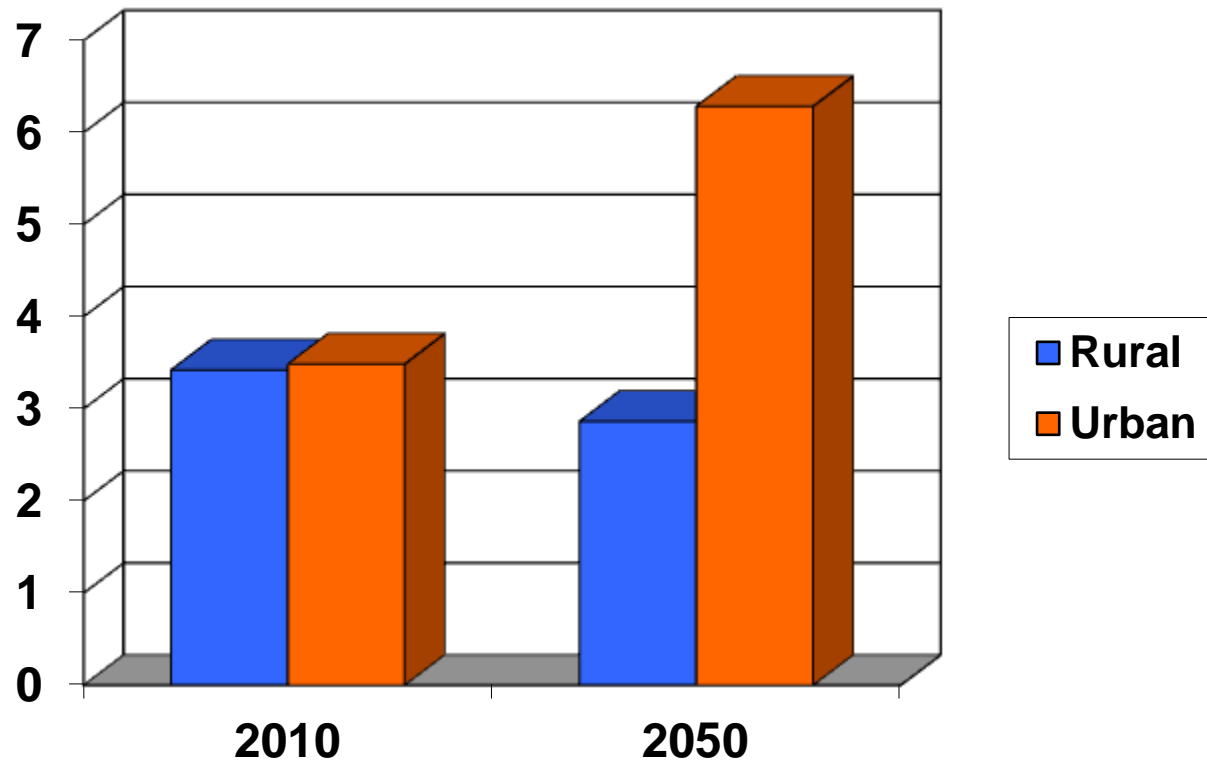


Global Population Projections 2010-2100



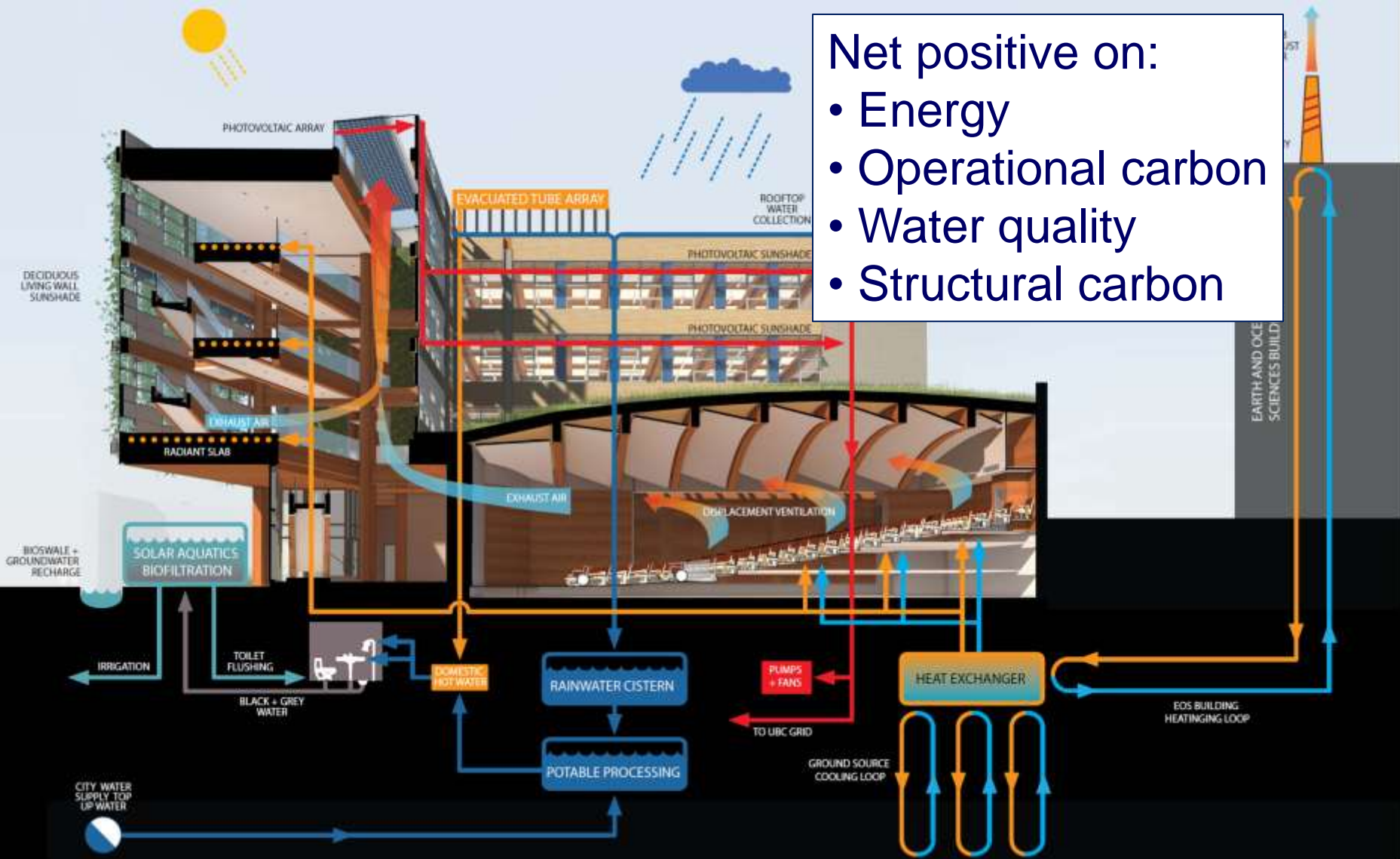
Source: UN, World Population Prospects: The 2010

Global Urbanization 2010-2050

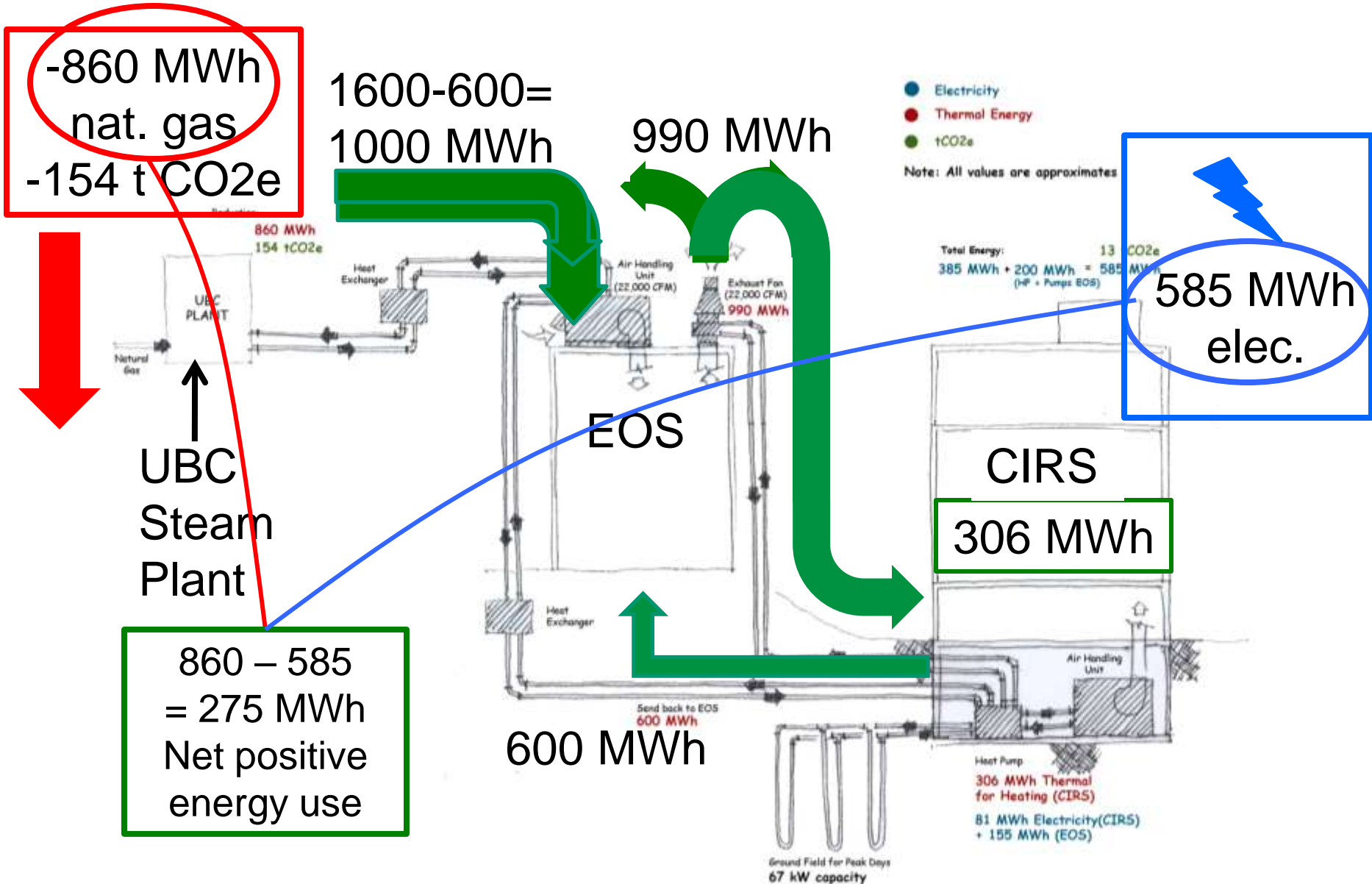


Source: UN, World Urbanization Prospects: The 2009 Revision

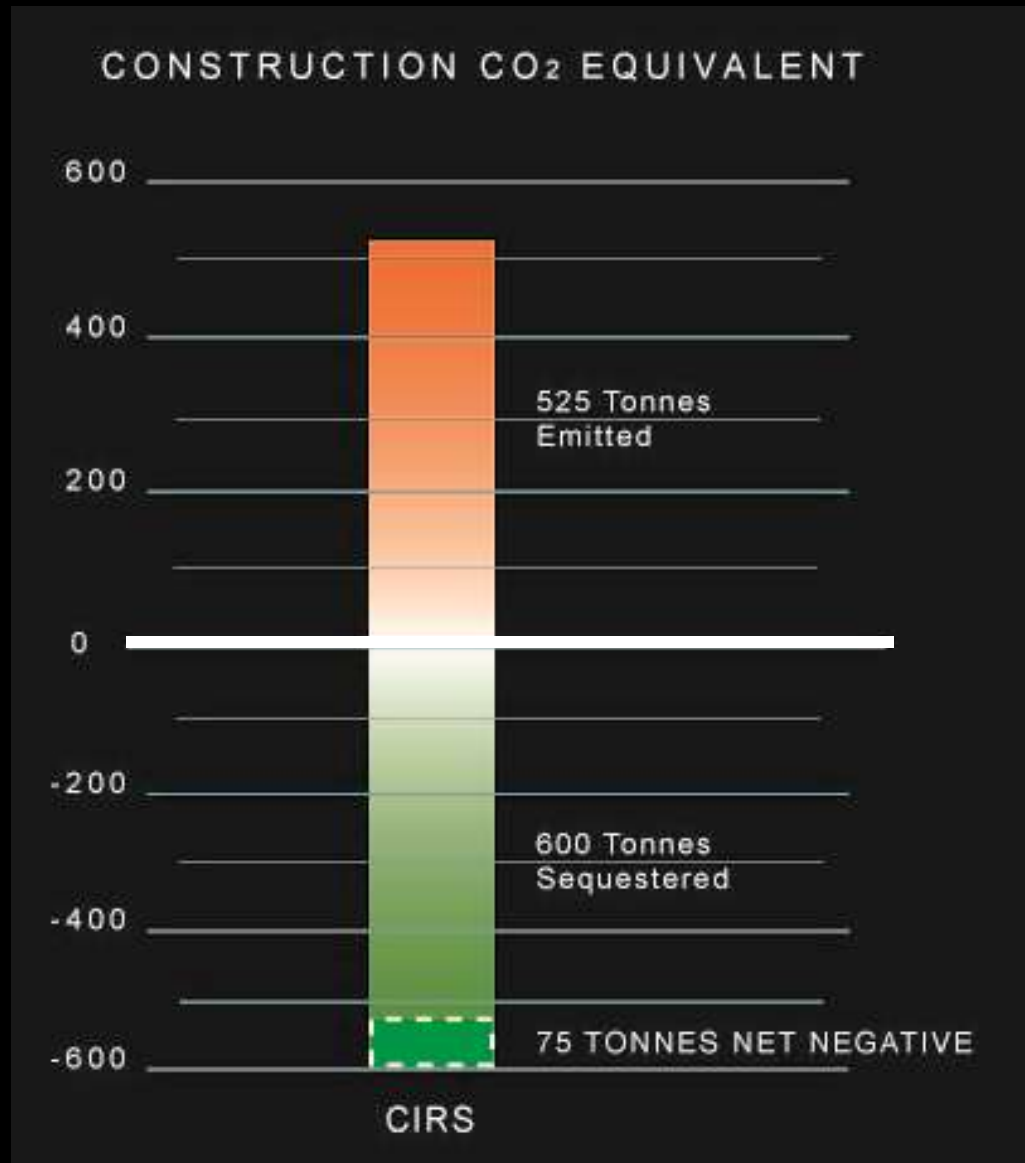
A Regenerative Building Process



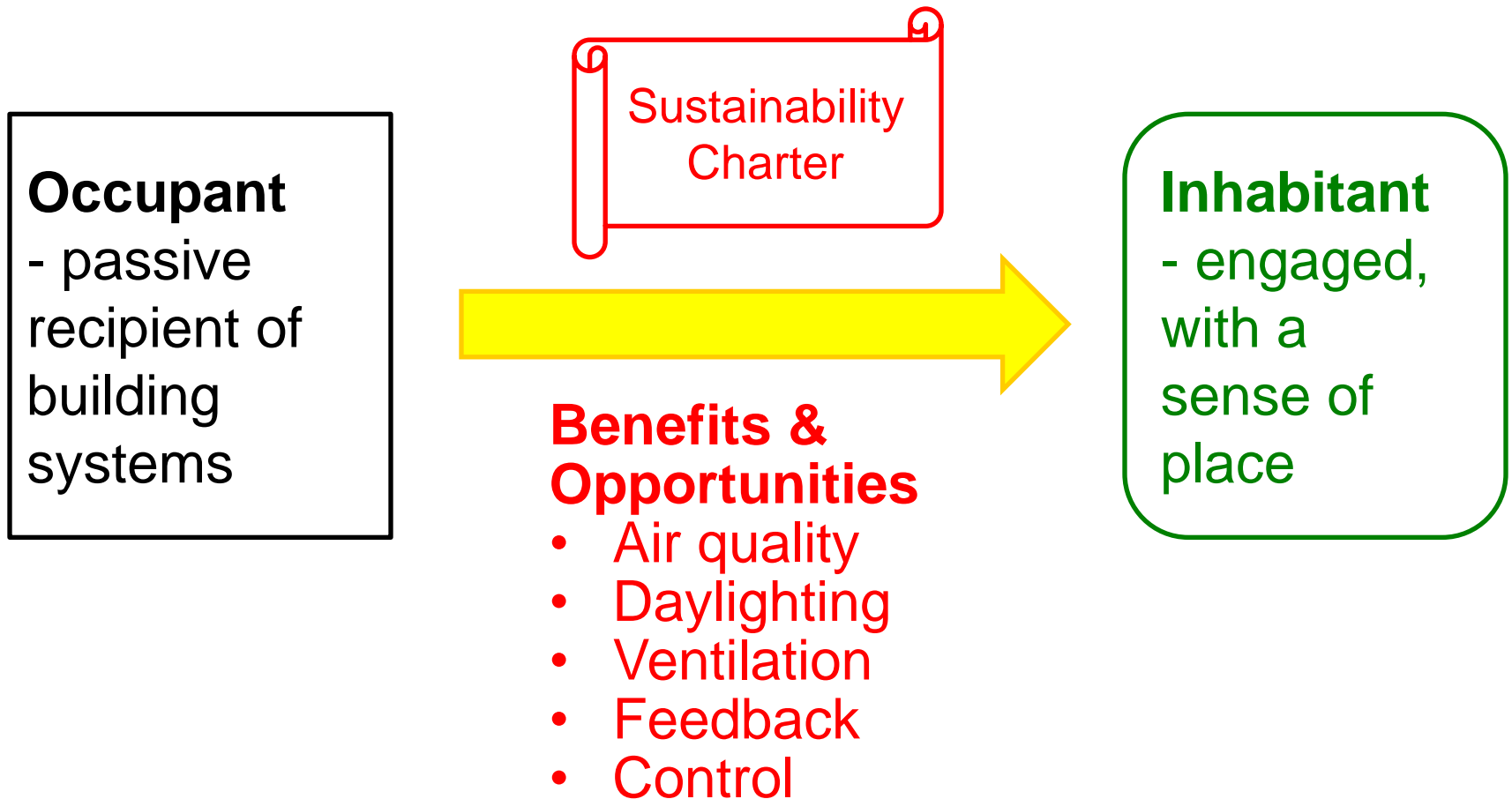
Energy Balance: CIRS and EOS



Carbon Balance of Building Structure

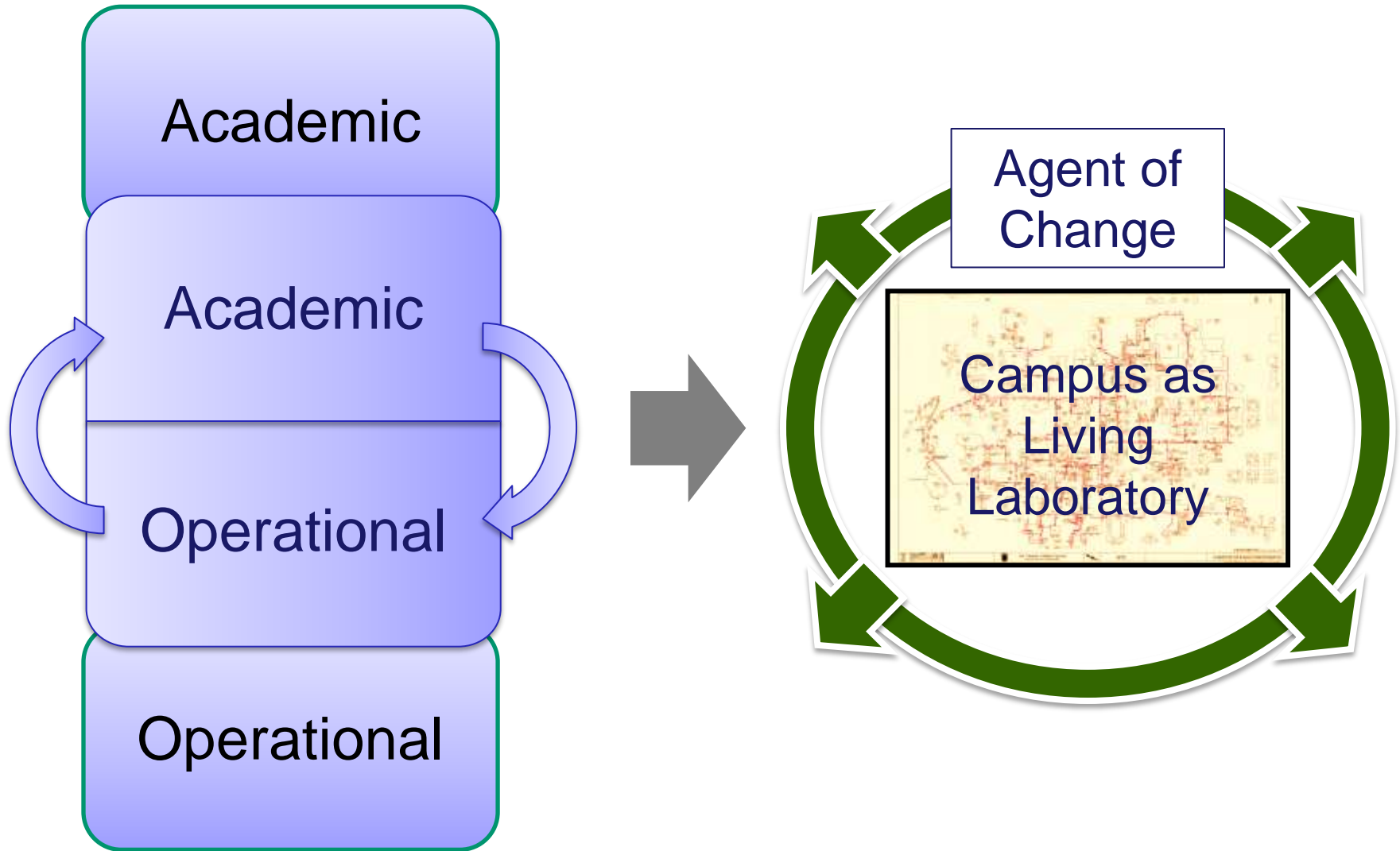


From Occupant to Inhabitant



Measure: productivity, health and happiness

UBC Sustainability Initiative



Campus as sustainability test-bed

Universities uniquely suited for this role

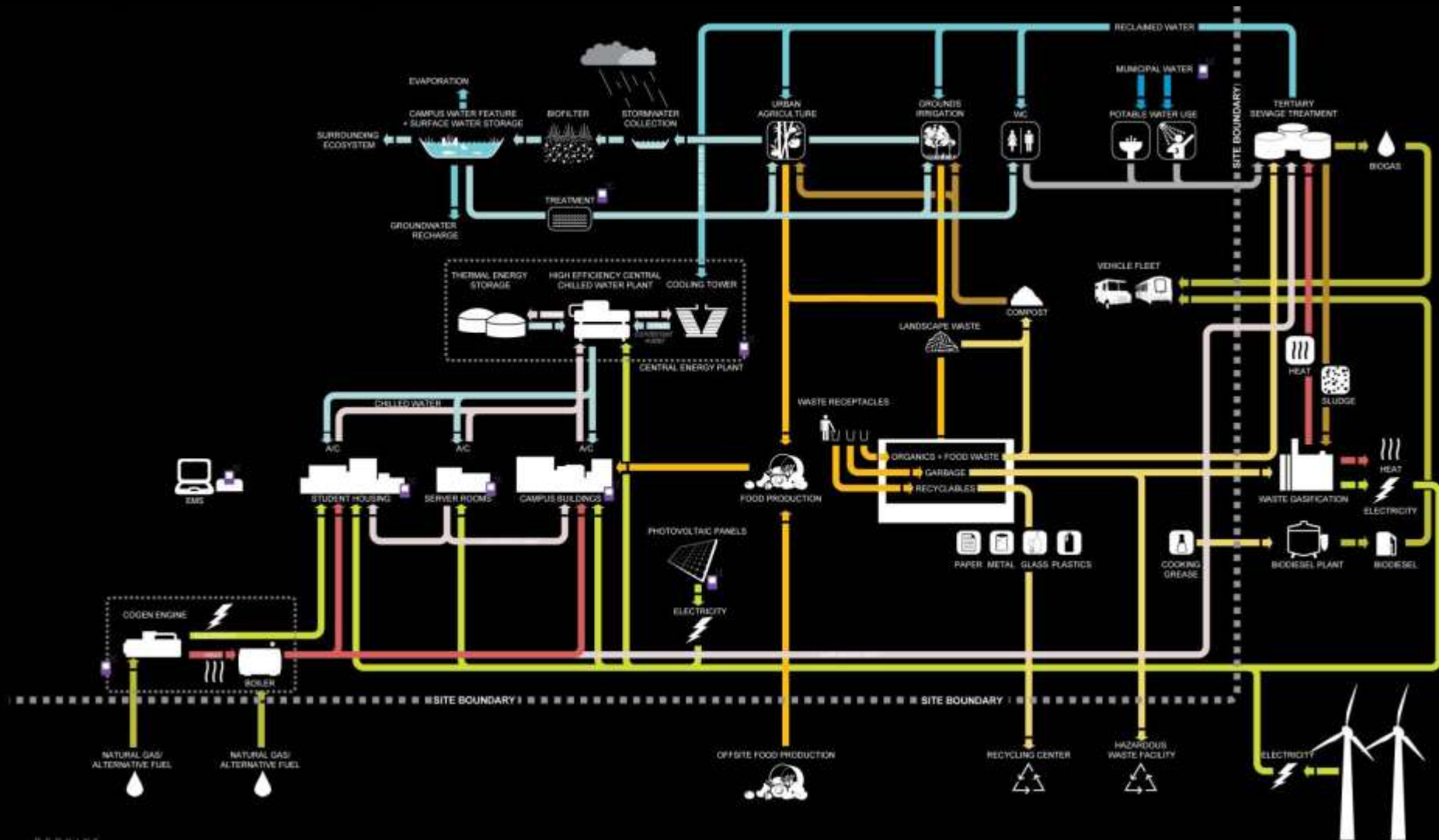
- Single owner-occupiers
- Public institutions
- Teaching and research

Develop integrated campus-scale systems

- Demonstration and research
- Engage and train students; develop new curricula and programs

Integrated Campus Systems

Energy, Water, Waste

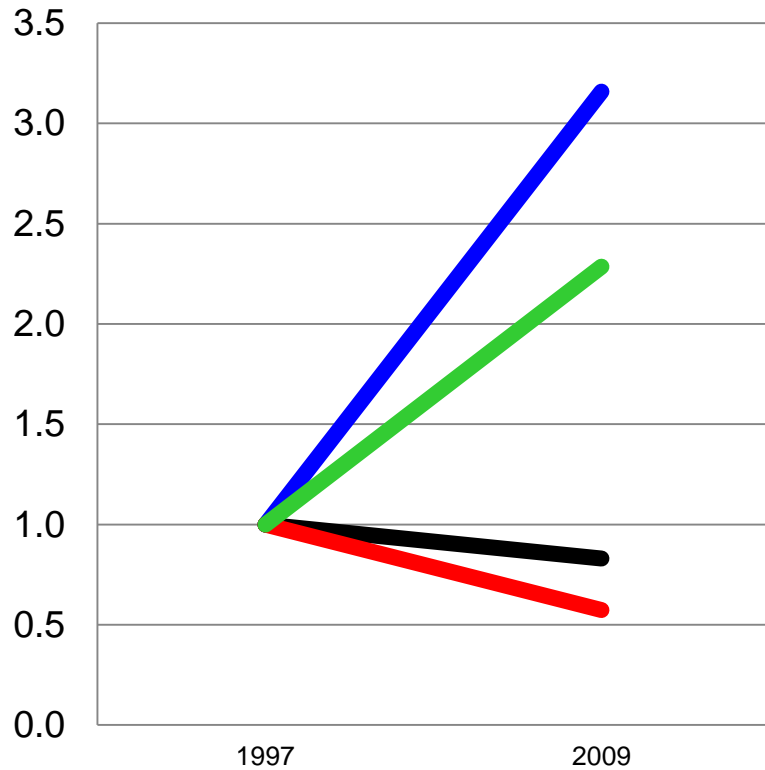






UTown@UBC

- From commuter campus to sustainable community
- More affordable housing for students & families to live on campus
- Enhance academic engagement, campus life and the environment



Sustainable Community Indicators

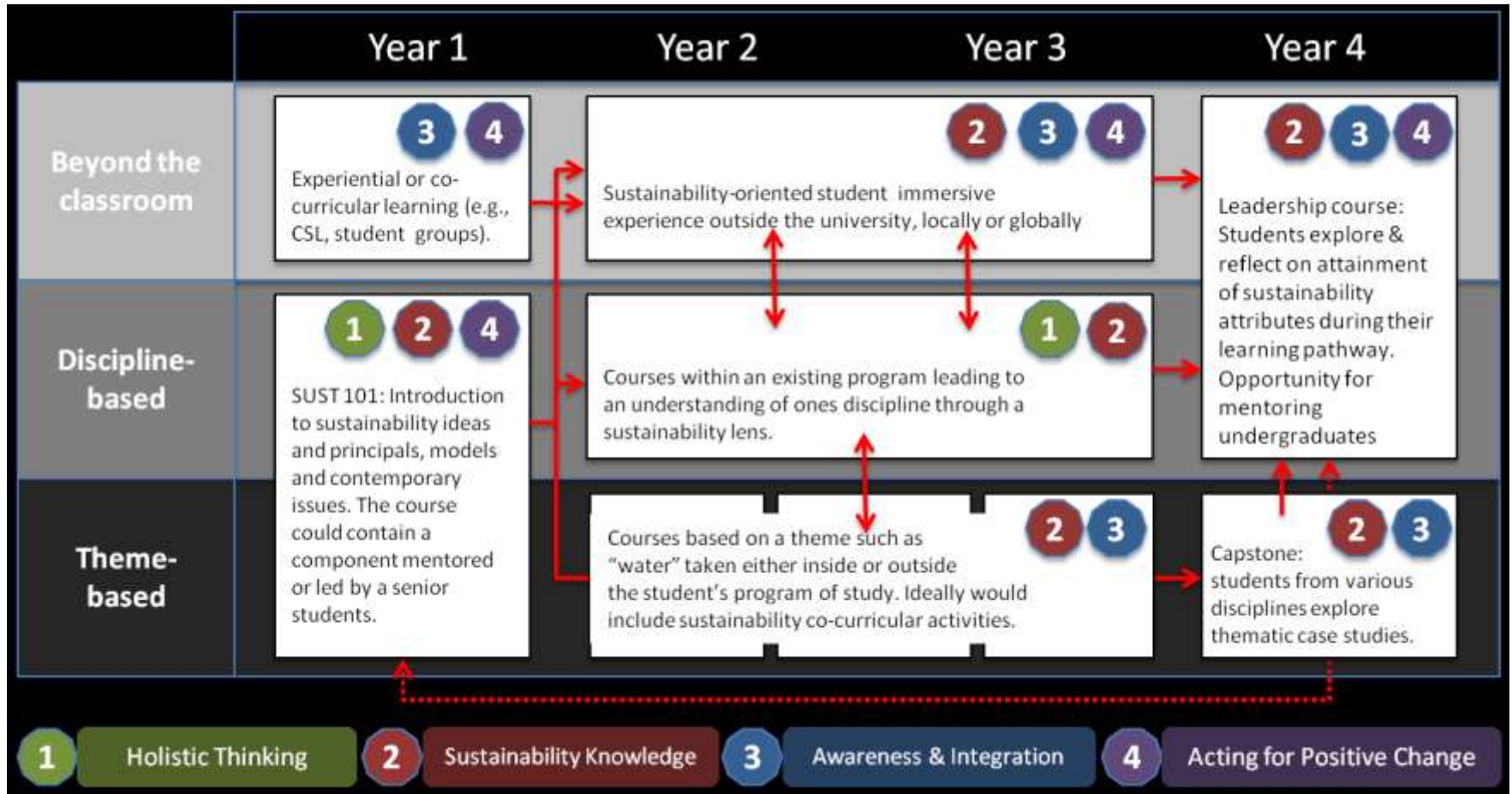


-  Transit trips
-  Vehicle trips
-  Parking spaces
-  Residents





Sustainability Pathways



STUDENT ATTRIBUTES

Holistic Thinking

Everything is connected

Sustainability Knowledge

Understand the context, know the challenges

Awareness & Integration

Connect what I know with what you know

Acting for Positive Change

Contribute to co-creating a better future



COMMIT, INTEGRATE,
DEMONSTRATE, INSPIRE

