

# *Sustainable Communities*



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... the sustainable use of resources for existing residents that considers other global citizens, other species, and generations to come.

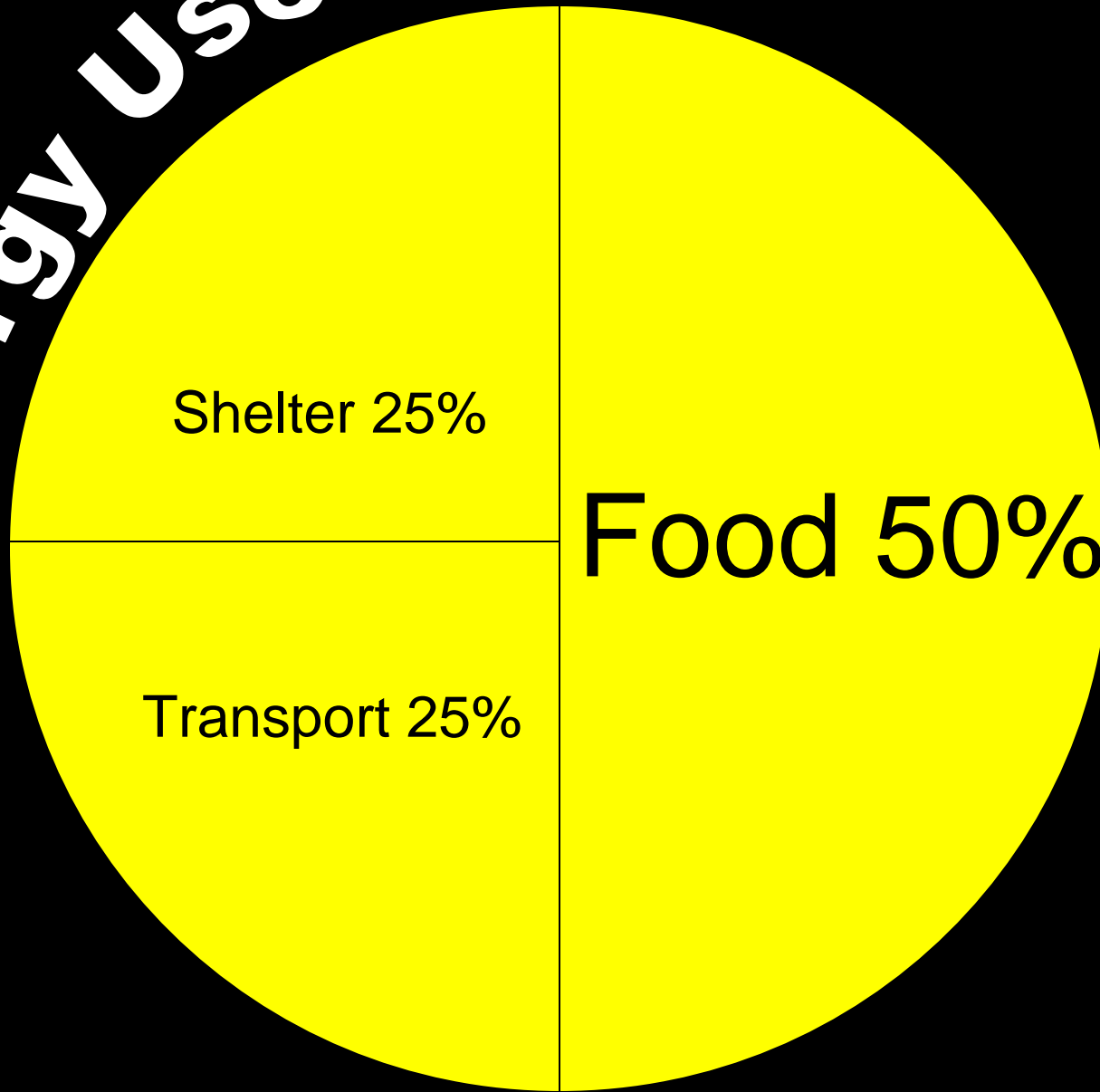


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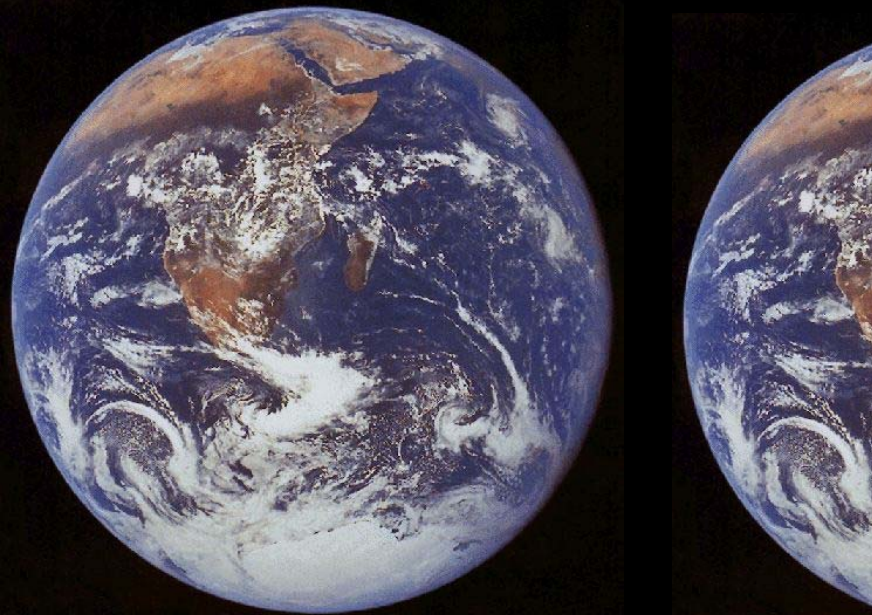
The examples used here recognize the importance of their natural resources for local food, materials, and to increase biodiversity in the region.



# Energy Use



# Globally We Require...



1.25 Planets as of 2003

# An Average of 1,500 Miles



# Shelter...











SESSILJUKUS







# Conservation Subdivision and Cohousing Design Cobb Hill Hartland, VT

- 270 acre farm, 25 units
- Designing and building to meet Vermont Star Homes designation
- Proper orientation for passive solar heating and solar hot water.



Water...















# Waste...















# Living Machine Wastewater Treatment Weston, Massachusetts and Vermont

- Ecological approach to treatment
- Can be sized to serve very small or large populations
- If more space is available a wetland system could be used instead – lower energy requirement



Energy...















Shell  
**Hydrogen**  
Fuel station Vetnisstöð





## Alternative Energy Hull, MA

- Municipally owned facility
- Powers street lights, traffic signals, and about 240 homes
- Installed a second facility



## Alternative Energy Brockton, MA

- New England's largest solar array
- Located on a reclaimed 27-acre Brownfield site.
- 6,720 solar panels



Food...













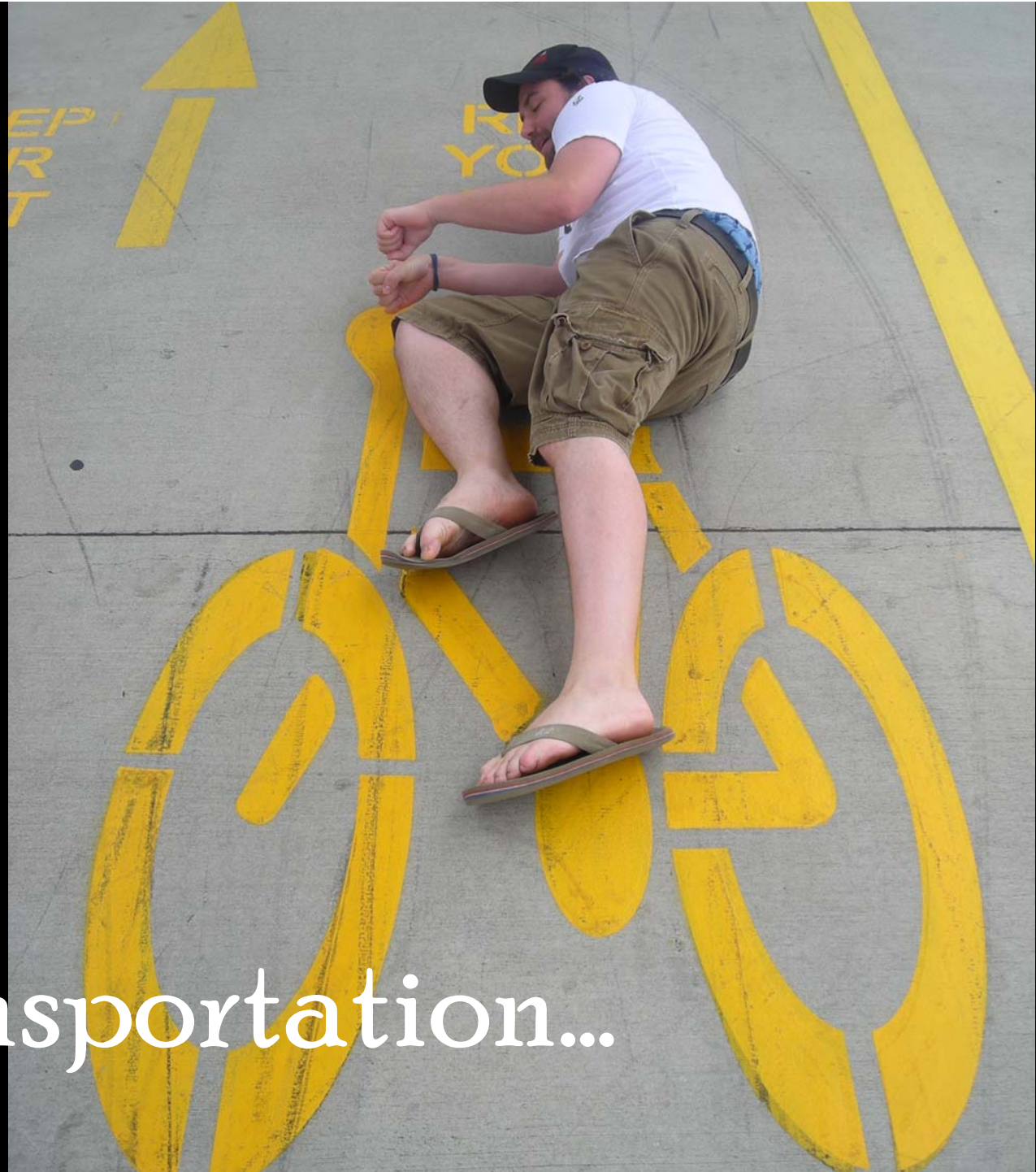




## Local Food Plymouth Plymouth, NH

- Virtual marketplace
- Supports the local economy
- Reduces the dependence on food arriving from far away
- Very transferable model!





Transportation...











# Transportation Reduction Upper Valley NH and VT

- Public commuter bus serving 6 towns in upper valley
- FREE
- Funded by all sectors





Mixed Use...





# Mixed Use Development Union Mill Peterborough, NH

- Made possible through a local zoning change
- Triggering the revitalization of a small Mill Village
- Energy efficiency is a primary concern for this residential and commercial units!





A scenic landscape photograph featuring a grassy field in the foreground, a line of trees in the middle ground, and rolling hills or mountains in the background under a clear blue sky. The text is overlaid on the image in a white serif font.

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