



## Sustainable Living Panel

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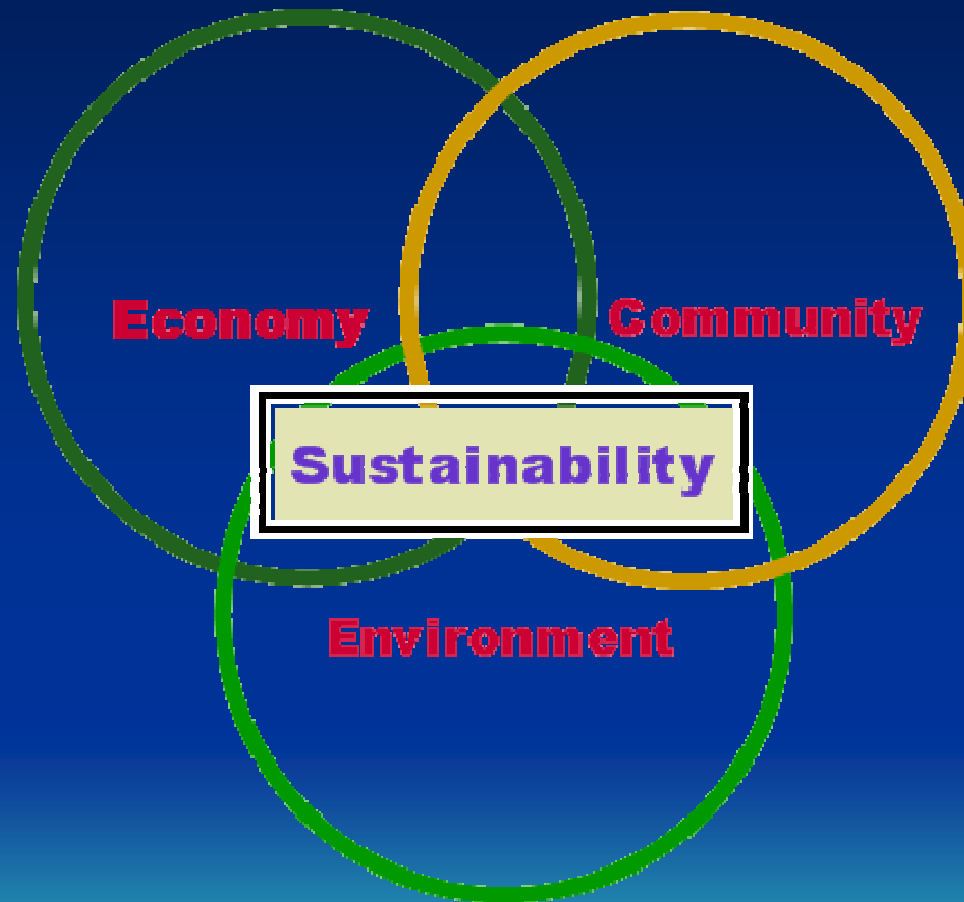
# Sustainable Living

- **What is Sustainability?**
  - A Systems Look
- **Transitioning to More Sustainable Living**
  - Relating to the Systems of Today
  - One Planet Living Approach

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# Sustainable Living



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# Sustainable Living

- **One Planet Living**
  - Living within the carrying capacity of Earth
  - Ecological Footprint



- **If Everyone Lived Like Americans**



- **If Everyone Lived Like Europeans**



- **How do we all live on One Planet?**



# Sustainable Living

- **Problem: Climate Change**
  - Emissions of Greenhouse Gases
- **Goal – Zero Emissions**
  - Build energy efficient buildings, infrastructure
    - Reduce demand
    - Resources – USGBC and others
  - Use of clean, renewable energy resources
    - Solar, wind, geothermal
    - Onsite & Offsite



# Sustainable Living

- **Problem: Harmful Travel Systems**
  - Contribute to climate change, air pollution, noise, congestion
- **Goal: Clean, Efficient Transportation**
  - Reduce/eliminate use of fossil fuels
  - Improve public transit
  - Deter use of single passenger vehicles
  - Offset remaining carbon emissions



# Sustainable Living

- **Problem: Threatened Natural Resources**
  - Destructive extraction
  - Non-local sourcing
- **Goal: Local Reclaimed, Renewable, Recycled Materials**
  - Reduce virgin resource extraction
  - Minimize material transport & emissions
  - Invest in local natural resource stocks
    - Boost local economies



# Sustainable Living

- **Problem: Threatened Water Resources**
  - Pollution, supply depletion
- **Goal: Sustainable Water Supplies**
  - Implement water use efficiencies
  - Minimize water extraction & pollution
    - Rainwater harvesting
  - Reuse waste water
  - Restore natural water cycles
    - Help restore natural landscapes



# Sustainable Living

- **Problem: Threatened Food Supplies**
  - Industrial Agriculture
    - Questionable food, ecosystem damage, high transport impacts
- **Goal: Local, Healthful Food Production**
  - Restore small farms, traditional systems
  - Provide better food quality
  - Boost local economies
  - Preserve natural environment
  - Reduce transportation & packaging impacts



# Sustainable Living

- **Problem: Waste**
  - Disposal harms environment
  - Loss of valuable resources
- **Goal: Zero Waste**
  - Practice natural concept of No Waste
  - Design products to last - DfE, DfD
  - Reduce, Re-Use, Recycle & Compost



# Sustainable Living

- **Problem: Loss of Biodiversity & Habitats**
  - Overdevelopment & exploitation
- **Goal: Species & Habitat Preservation**
  - Strengthen Endangered Species Act
  - Restore damaged habitats
  - Require preservation/conservation easements
  - Create new habitats



# Sustainable Living

- **Problem: Loss of Local Cultural Heritage**
  - Globalization destroys local identity, wisdom
- **Goal: Preserve/Strengthen Local Cultures**
  - Revive, celebrate cultural heritage
  - Recapture sense of place, regional identity
  - Adapt economy to support local heritage
  - Foster a culture of sustainability



# Sustainable Living

- **Problem: Global Poverty**
  - Growing wealth disparity, exploitation
- **Goal: Equity, Prosperity & Fair Trade**
  - Promote equity, fair trade relationships
  - Ensure each community benefits other communities, locally & globally
  - Work with disadvantaged communities
    - Encourage self-sufficiency



# Sustainable Living

- **Problem: Degraded Health & Well-Being**
- **Goal: Universal Good Health & Happiness**
  - Promote healthy lifestyles
  - Encourage physical, mental & spiritual well-being
  - Improve community engagement
  - Create true servant leaders
  - Redefine economy & purpose of work
    - Quality of life



# Sustainable Living

- **A New Urgency**
  - Climate Change
  - Peak Oil
  - Dysfunctional Economy
  - Lack of Political Will
  - Denial
- **Will We Make It?**

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# Sustainable Living

- **Education – Sustainability Framework**
  - Understand our place in the natural environment
  - Learn how natural systems function
  - Appreciate the interconnectedness of all living things
  - Find the solutions in community



# Sustainable Living

- Lots of Resources to Help

[www.SustainableArizona.org](http://www.SustainableArizona.org)

[www.WiserEarth.org](http://www.WiserEarth.org)

[www.theGreenGuide.com](http://www.theGreenGuide.com)

[www.EcologyCenter.org](http://www.EcologyCenter.org)

[www.freecycle.org](http://www.freecycle.org)

[www.coopamerica.org](http://www.coopamerica.org)

Many More





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