

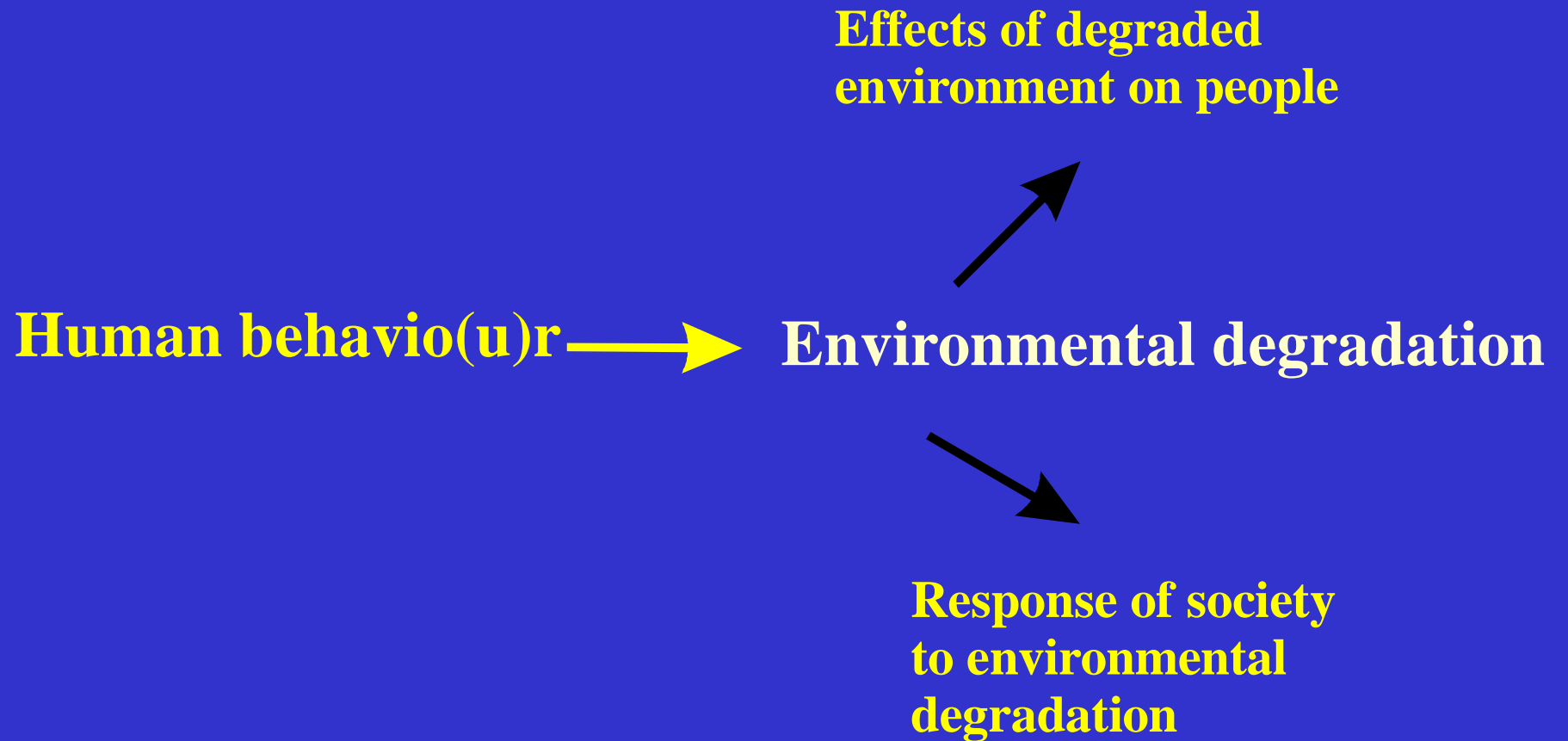
# Societal Indicators

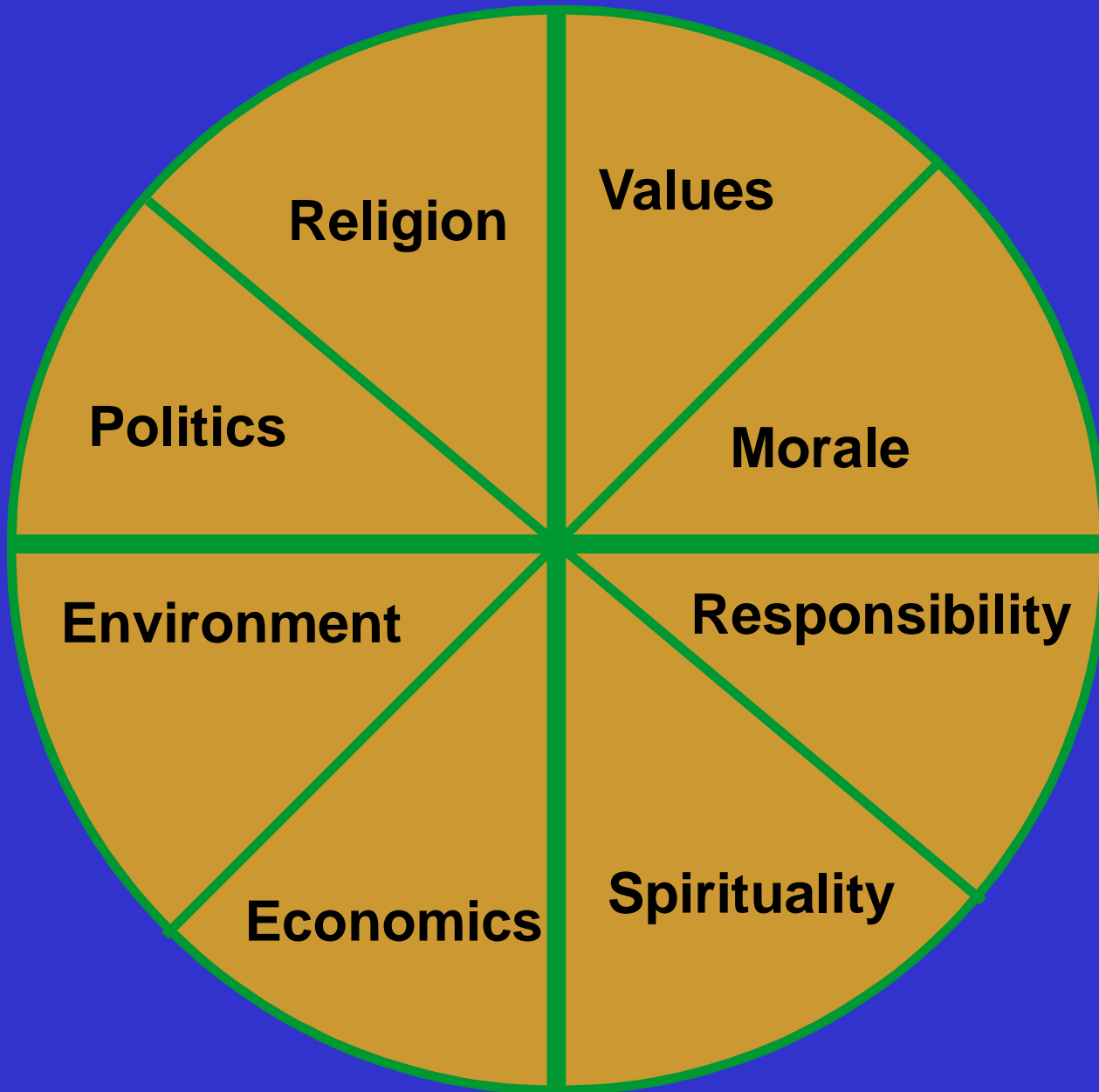
F. Henry Lickers

*Mohawk Council of Akwesasne*

# The Evolution From 1998

- In SOLEC 98, we talked about "stewardship"
- "Stewardship" is part of a larger concept. It stimulated the evolution to "societal"
- "Societal" brings in all aspects of sustainable communities





Life Indicators

# Some Possible Indicators- Effects on Society

- Loss of a way of life: native and non-native community cohesion
- Perception of community
- Social disruption
- Policing costs in a community
- Loss of recreational opportunities
- Economic effects
- Human health and well being

# Akwesasne

- Loss of traditional way of life (fishing, hunting etc.)
- Community cohesion  
Increased policing costs
- Loss of recreational opportunities
- Social disruption

# Hamilton

- Economic effects (loss of real estate values etc.)
- Community cohesion
- Access to waterfront
- Loss of recreational opportunities
- Social disruption

# Akwesasne

- Human health and well being
  - Fish consumption; air pollution
  - Community affected by local and upstream industry

# Hamilton

- Human health and well being
  - Fish consumption; swimming; air pollution
  - Community affected by local and regional industry

# How do we respond as a society?

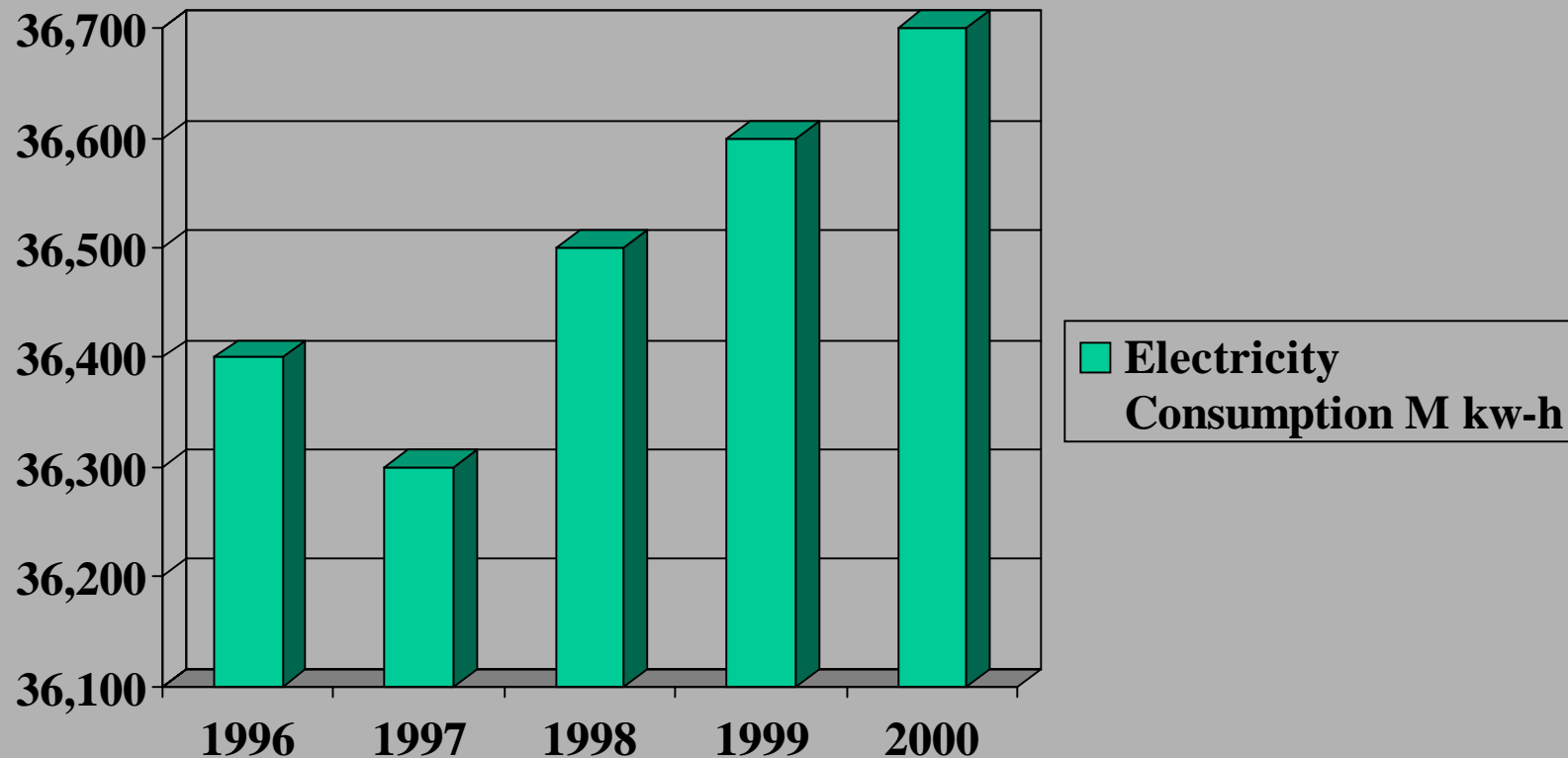
- Capacities of sustainable landscape partnerships
- Organizational richness of sustainable landscape partnerships
- Integration of ecosystem management principles across landscapes



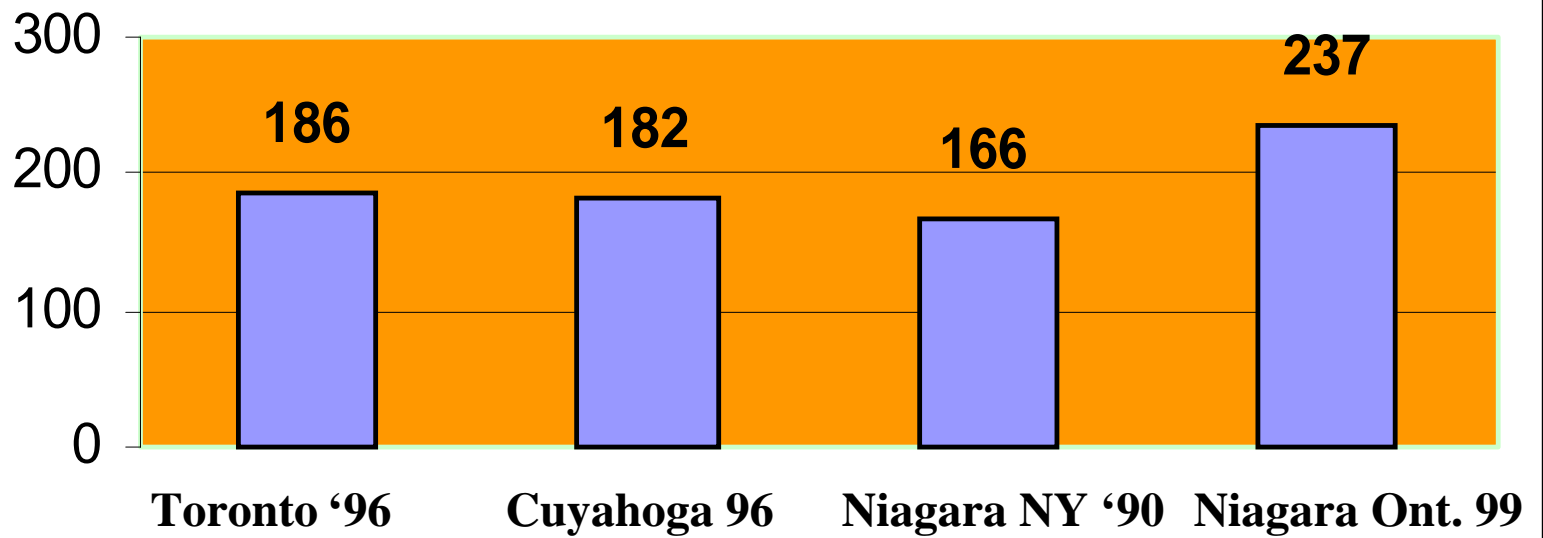
# How do we respond as a society?

- Integration of sustainability principles across landscapes
  - Economic (sustainability) prosperity
- Citizen/Community place-based Stewardship activities e.g.
  - Aesthetics
  - Water withdrawal
  - Energy consumption
  - Solid waste generation

# Growth in Residential Electricity Consumption in Ontario 1996-2000



**Cubic Meters Per Capita per  
Annum**



**Water Use (1991-1999)**

# How do we respond as a society?

- Financial resources allocated to Great Lakes programs
- Naturalized knowledge systems
- Number of Areas of Concern cleaned up
- Land use planning
- Institutional capacity
- Promoting education, public awareness and training

# How do we respond as a society?

- Protecting and promoting human health
- Transfer of environmentally sound technology, cooperation and capacity-building
- Development of “Green Technology-Green Education” in schools and universities

# How do we respond as a society?

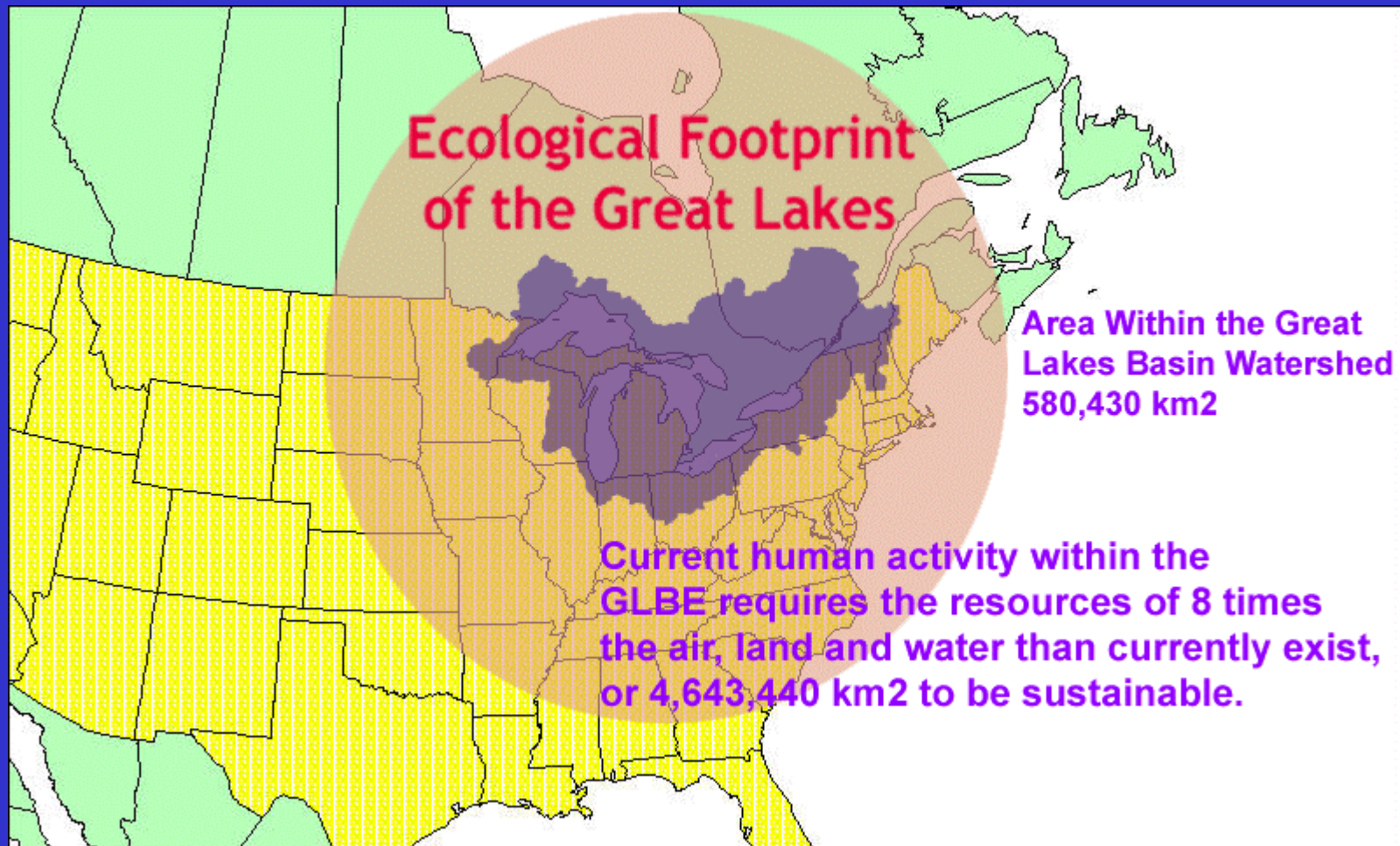
- Integrating environment and development in decision-making  
Information for decision-making
- Preserving forest resources
- Protection of the atmosphere

# How do we respond as a society?

- More representatives of ethnic minorities and indigenous people in decision making
- Contribution of NGOs to sustainable development decisions

We need to deal with these sort of questions because our present practices are not sustainable....





Courtesy of L. Onisto, Ontario Power Generation

# Focus Questions for this Afternoon

- We need objectives for the societal suite of indicators for both tracks
- Are we trying to measure sustainability?
- Are human health indicators part of "societal"

