

The Current Response- Sustainable Development

- Global Change (environment)
- Globalization (economic)
- Human Development (social/culture)
 - Sustainable Development

Plus concepts of:

- intergenerational responsibility
- Need verses greed / equity



Issues re: - Sustainable Development

- **Many definitions!**
- **Many questions!**
- **SD focuses upon the interrelatedness of environment, economy, society**
- **Need for health of all 3 of these sectors both now and into the future**
- **Major acceptance by governments**



Many Paths to SD

- **Good legislation/governance**
- **Economic incentives**
- **Overcoming corruption**
- **Environmental protection**
- **Human rights/security**
- **Infrastructure (roads to banking)**
- **40 issues identified in Agenda 21**




UN Decade of Education for Sustainable Development 2005 to 2014

- UN General Council Resolution Dec. 2002
- UNESCO is the lead UN Agency
- Mainly a coordinating role
- Integrate with other Decades and programs
- Mainly up to each country / state / organization / institution / private sector etc.
- Much is happening



International Implementation Scheme: Outline of Seven Principles :

- Advocacy and vision building
- Consultation and building local ownership
- Partnerships and networks
- Capacity building and training
- Research and innovation
- Information and communication technologies, and
- Monitoring and evaluation



1st Thrust - Raising the Level of Public Awareness and Understanding

- Build public awareness
- Informed citizenry – political support & preparation for democratic change
- Wise consumers
- Raising the level of the discussion
- Changing lifestyle where possible



2. Facilitating Development Through Improving Quality Education

- 120 million children never attend school
- 90% of school aged are in developing or emerging nations
- Millions more are “under-educated” in both the South and the North



2. Facilitating Development Through Improving Quality Basic Education

- Latin America and Caribbean – 6 years
- Parts of Asia – 5 years
- Parts of Africa - months



2. Facilitating Development Through Improving Literacy and Adult Education

- 800 million illiterate adults
- 60% are women
- Employment limitations
- Political unrest-50% of youth will live in India
- UN Decade for Literacy



UNECE Problem As Well

- Hard to serve students suffer
- Preferred learning style other than reading
- Poverty related issues
- Irrelevant curricula
- Home/family related issues
- Student/school conflict

3rd Thrust: Reorienting Existing Education

Most Educated nations =
deepest ecological
footprint

Equity at present
standards means we
need 2 more Earths !





Training -the 4th thrust

- Training for “all” - lifelong
- Training in workplace
- Teacher Education – 60 million educators
- Capacity building
- Technology transfer
- Implementing innovative practices



The 4 Major Thrusts of ESD

Agenda 21 -92, UNESCO-96, UNCSD -98, JPOI-2002

- **1 Public awareness and understanding**
- **2 Access to quality basic education**
- **3 Reorienting existing education**
- **4 Training programs for all sectors**



Systemic Issues and Challenges to Moving ESD Forward Globally

Lacking

- vision and awareness
- policy or mandate from leaders
- funding and resources
- training



Strengths Model: A Starting Point

- No single discipline/group/individual can do it all
- Every discipline/group/individual can contribute something
- Content/Didactic/Critical Reflection etc.
- Some can take lead roles in reorientation
- Others continue aware of a greater goal



Much is in Place

- Adjectival educations
- Environmental movements
 - Consumer education
- Corporate/public sector training
 - Equity education
 - Research
 - Indicators

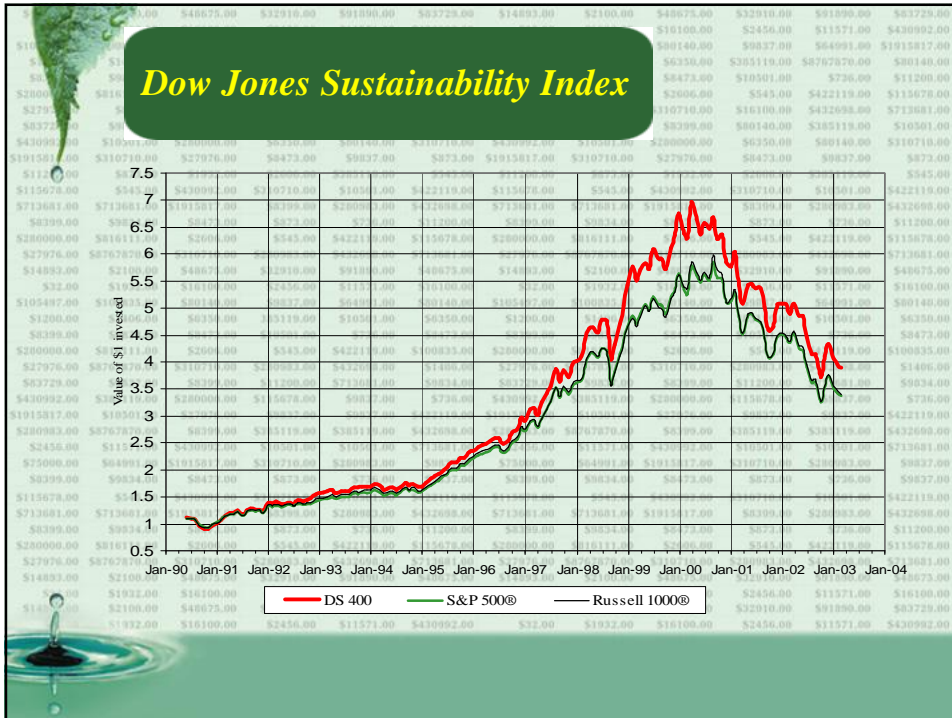


ENSI QUALITY ESD RESEARCH

- Teaching and learning approaches/processes
- Visible outcomes of their studies and actions
 - Perspectives for the future
 - A Culture of complexity
- Critical thinking and “possibilities”
- Value clarification and development
 - Action-based perspective
 - Participation

Source: Hart, S. and Milstein, M. 2003. "Creating Sustainable Value"





Engaging Senior Education Officials

- It is not just the curriculum!
- It is all policy – purchasing/hiring/....
 - Its about how we teach
 - The buildings
- What we evaluate/report upon
 - It is what our systems model
- Why do we teach what we teach?
- What is relevant for all in the 21st C

Why do we currently teach what we teach ?

- To preserve culture _____ %
- To prepare/train for work _____ %
- To care for environment _____ %
- To live a full, meaningful life _____ %
- To contribute to society _____ %
- To be creative and resourceful _____ %
- To live a religious life _____ %
- To live together in peace _____ %
- To be self-sufficient _____ %

What is the vision for Kazakhstan's schools ?

Cautions

- **ESD is very much a process - learning**
- **It is not just new curricula**
- **ESD includes questioning SD as a paradigm**
- **We must see ESD as education and not a form of SD indoctrination**
- **Learning to work in community cohesion**
- **Partnerships of formal, nonformal, informal educators**
- **The enormity of ESD is not to be taken lightly!**

