REORIENTING EDUCATION IN THE POST 2015 UN DEVELOPMENT AGENDA

TRANSFORMING TEACHING AND LEARNING FOR THE 21st CENTURY

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Roadmap
for Implementing the Global Action Programme on
Education for Sustainable Development

THE GLOBAL ACTION PROGRAMME ON ESD

SUSTAINABLE DEVELOPMENT GOALS

THE GLOBAL GOALS
For Sustainable Development

1. NO POVERTY
2. Zero Hunger
3. GOOD HEALTH AND Well-being
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. AFFORDABLE AND CLEAN ENERGY
8. GOOD JOBS AND ECONOMIC GROWTH
9. INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITIES
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPONSIBLE CONSUMPTION
13. CLIMATE ACTION
14. LIFE BELOW WATER
15. LIFE ON LAND
16. PEACE AND JUSTICE
17. PARTNERSHIPS FOR THE GOALS
Swedish International Centre of Education for Sustainable Development (SWEDESD)

SWEDESD is a centre at the Faculty of Educational Sciences at Uppsala University.

Focus areas
- Formal Education – Teacher Education / Higher Education
- Informal and non-formal – Supporting Urban Sustainability
- Research - understanding processes of learning for change

SWEDESD operates in the context of the
- Global Agenda 2030 for Sustainable Development - SDGs
- UNESCO Global Action Programme (GAP)
- UNEP 10 YFP on Sustainable Lifestyles / Sustainable Consumption and Production
Important milestones in 2015

- Global Action Programme on ESD - Nagoya (November 2014)


- The Sustainable Development Goals (SDGs), officially known as “Transforming our world: the 2030 Agenda for Sustainable Development” – United Nations Resolution A/RES/70/1 (25 September 2015)

- Paris Agreement on Climate Change: 195 Nations Set Path to Keep Temperature Rise Well Below 2 Degrees Celsius (12 December 2015)
IS IT GOOD TO HAVE A HUSBAND?

IT DEPENDS ON WHAT KIND OF A HUSBAND

IS IT GOOD TO HAVE EDUCATION?

IT DEPENDS ON WHAT KIND OF EDUCATION
The truth is that without significant precautions, education can equip people merely to be more effective vandals of the earth. If one listens carefully, it may even be possible to hear the Creation groan at every graduation ceremony when another batch of smart, degree-holding, but ecologically illiterate, Homo sapiens who are eager to succeed are launched into the biosphere.

David Orr (1994) Earth in Mind
Where is the problem?

Poor student achievement

- in spite of the increase in enrolment rates (over 123 million youth aged 15-24 lack basic literacy skills)
- Have children mastered the skills they are taught?

Quality and relevance

- Current educational systems fail to provide students with the skills and knowledge they need to adapt to a future of uncertainty and change
- Are children being taught the skills they need in the twenty-first century?

(Institute for Global Environmental Strategies, Policy Brief 28, 2014)
For education to be transformative in support of the new sustainable development agenda, ‘education as usual’ will not suffice.
EDUCATION IS KEY TO ALL SDGs

UNESCO Roadmap
for Implementing the Global Action Programme on
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GAP

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Inclusive, quality education for all (SDG 4)

What matters of concern do we need to engage so as:

to live together in a healthy social-ecological context?

to be ethical and fair?

to all use life-giving resources with care?

to develop ESD pathways to sustainability that are peaceful, just and safe?

Global Partnerships for SD (G:17)
Goal 4: What is quality education?

- Encourages students to question and to think critically about real world issues.
- Nurtures creative problem-solving in order to encourage independent thinking and a sense of agency in the world.
- Develops a sense of empathy and tolerance.
- Teaches students to think on a variety of scales, from the local to the global, and to make connections between what's going on in their communities and what's happening in the world (and vice versa).
- Guides young people to identify and nurture their own unique talents and to refine and express these in multiple ways.
- Helps students to express themselves confidently.
- Demonstrates that doing is as important as knowing.
THE NAVIGATION TOOL

COMPETENCES FOR SUSTAINABILITY

Systems thinking
Futures thinking
Values thinking
Strategic thinking
Collaboration competence
Critical thinking
Personal competence
Integrated problem-solving competence
Essential skills at school

INNOVATIVE PROBLEM SOLVERS
Investigating real-world problems and finding creative ways to solve them

INVESTIGATIVE EXPLORERS
Developing research skills and using technology to find solutions

CREATIVE COMMUNICATORS
Exploring different points of view and using evidence to support and express ideas

VERSATILE READERS
Learning about the world with challenging fiction and nonfiction texts

CRITICAL THINKERS
Analyzing complex topics and learning academic vocabulary to navigate different subjects

RESOURCEFUL LEARNERS
Building a strong foundation of skills and expanding on those abilities every year

21ST-CENTURY COLLEGE AND CAREER SKILLS
Colleges and employers are seeking people to solve the problems of tomorrow. Here are 3 TOP SKILLS students will need for college and career success in the 21st century:

ADAPTIVE PROBLEM SOLVING
Versatile individuals who approach problems in creative ways

COLLABORATIVE COMMUNICATION
Global thinkers who express themselves effectively and work with people all over the world

DIGITAL FLUENCY
Tech-savvy workers who use technical and digital media skills in their everyday work