



Young Masters Programme

on Sustainable Development



Empowering young people everywhere to
build a sustainable future



The International Institute for Industrial Environmental Economics
Lund University, Sweden



Outline

1. Why Young Masters Programme?
2. Facts, effects and benefits
3. How the Programme works





Why Young Masters Programme?





Vision

The most comprehensive
and exciting distance education
on sustainable development
in the world

Available for free
for young people everywhere!





Starting Point

There is only one way to build a sustainable future:

Together

Young Masters Programme
opens the door
to this fundamental insight
for young people
all over the world

YOUNG
MASTERS
PROGRAMME





Knowing the World

Our scientific understanding of the Earth as a system, and how this system works and interacts with our societies, is better documented than ever before

Young Masters Programme

Through our partnership with world-leading scientific research networks, Young Masters Programme provides updated scientific and understandable information on the state of the planet





Understanding the Challenges

The future is knocking on our door right now
Climate Change and other major
sustainability challenges
are rushing towards us

Young Masters Programme

Provides easy-to-understand information
on the major sustainability challenges
and the changes we all must accomplish





Individual Empowerment

The world needs an alliance.
Everybody needs the prospects of a hopeful future.
The next generation must be prepared
with insight, collaborative skills
and trust in a sustainable world

Young Masters Programme

Brings individual empowerment
to young people around the globe
in terms of international networks,
hands-on proactive methods,
capacity building
and local projects that make a difference





Global Leverage

Today's students are the
decision makers of tomorrow.

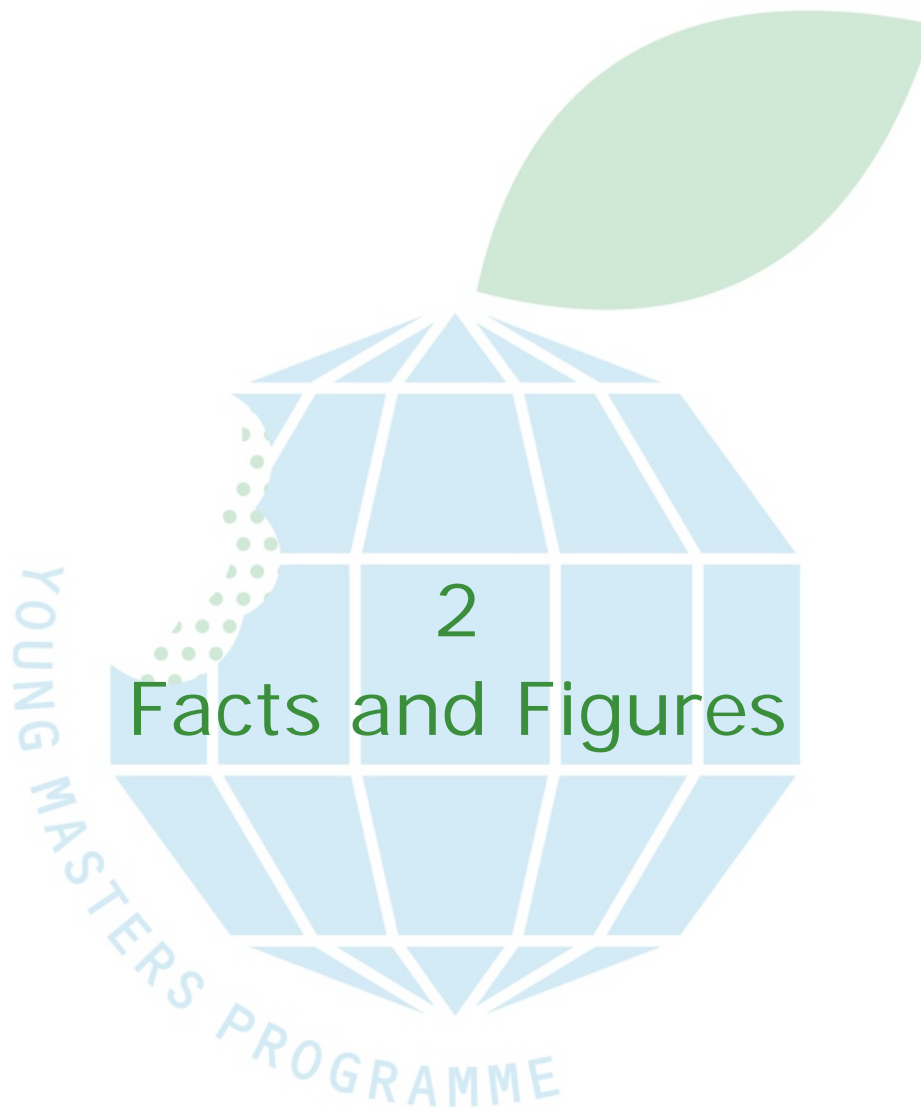
The future of the global economy, energy systems,
production and consumption depends on
the values of the next generation
and the way they decide to go

Young Masters Programme

Reaches out to and connects
young people all over the world
through a rapidly growing network

Builds mutual understanding
and life-long cooperation over
cultural and national boundaries







Features

- International education on preventive environmental strategies as a way to achieve sustainable development
- Utilises the internet so that students, teachers and tutors in different parts of the world can connect, interact and exchange experiences
- Designed for students age 16-18 years





Facts

- Well established
 - Initiated in 1999
 - Pioneering distance course on Sustainable Development
- True global outreach
 - 109 countries
 - 7 000 students since start
- Global Environmental Youth Convention
 - Conventions held
 - 2000 Lund, Sweden
 - 2002 Turin, Italy
 - 2004 Alexandria, Egypt
 - 2006 Dubai, UAE
 - Next Convention in Beijing, China



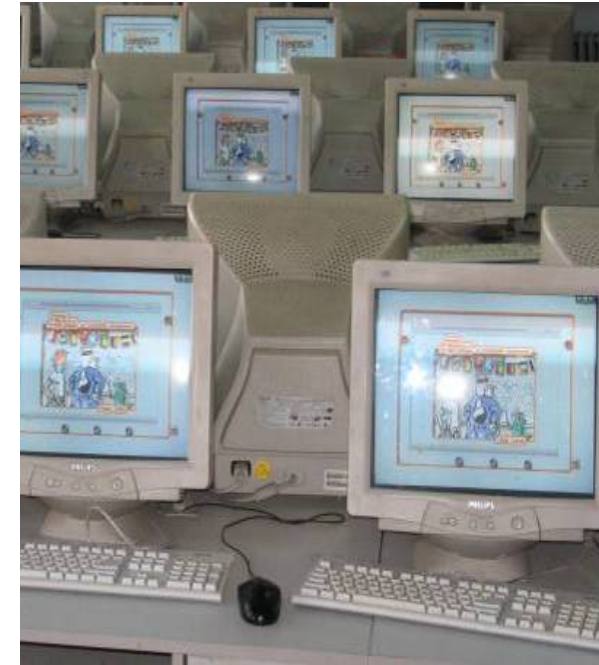
Global Environmental Youth Convention in Lund 2000





Networks and Partners

- Part of UNESCO framework
 - UNESCO Chair on Distance ESD
 - Teacher networks, e.g. Foundation for Environmental Education (FEE), Caretakers of the Environment (CEI), Learning Lund
- Scientific base of knowledge
 - Exclusive cooperation with The Earth System Science Partnership (ESSP) and The International Council for Science (ICSU)
- Supported by the Swedish Ministry for Foreign Affairs





Plans

- Young Masters Programme is now possible to deliver to more than 10 000 students/semester and up to **100 000 students/semester** beyond 2009
- Students able to stay within, and contribute to, the rapidly growing Young Masters Programme on-line community after course completion
- Enlarged and renewed content based on world-leading Global Change research (IGBP/ESSP)
- Design, concept and community interaction adapted to new student generations and the latest web technology





Summary

The overall goal of the Young Masters Programme is to bring sound insight to young students about the sustainability challenges facing us, and to prepare each individual student with the tools, networks and hands-on experience needed to turn these challenges into opportunities

Scientific base of knowledge

Proactive and practical approach

Global outreach and interaction

Rapidly growing youth community

Empowering future generations





Who we are

- History
 - Lund University, Sweden
 - Founded by Swedish Parliament in 1994
 - Inaugurated by His Majesty, the King of Sweden, on 15 September 1995
- Our mission
 - To contribute to global sustainable development through multidisciplinary and international research, education and engagement in change
- Research
 - We research sustainable product and service systems, sustainable buildings, and energy for sustainable development

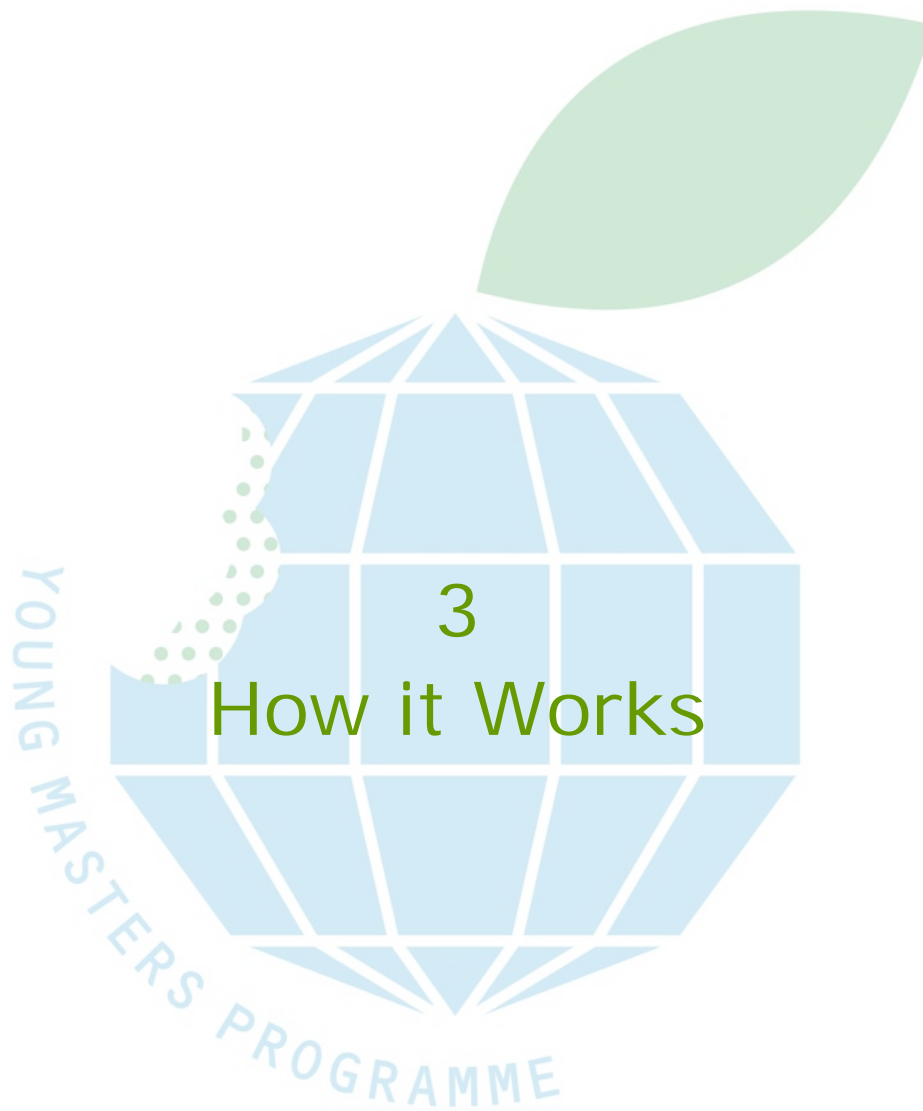




IIIEE Education

- Ph.D. and M.Sc. Programmes
- Undergraduate courses
- Executive trainings
- Young Masters Programme
- Distance education sessions and international exchange integrated in all programmes
- Holder of UNESCO Chair on Distance Education for Sustainable Development







Getting Started

1. Download the **course material** to a local computer (option for areas with low or no bandwidth) or access it on-line
2. **Discuss** learning activities and findings within your local group
3. Sign in to a **virtual classroom** and meet with students from other parts of the world
4. Present and **disseminate** your learning activities and findings in the virtual classroom
5. **Feedback** is given by other groups and teachers and by on-line tutors
6. Fulfill all learning activities and upload your approved **Project Work** to receive a Diploma





Project Work and Convention

- After jury evaluation, students with the most successful project works are invited to present their results at the Global Environmental Youth Convention
- Characteristics of a successful project work:
 - Activities that in reality contributes to sustainable development within your local community



Success Stories

Argentina Group 4&5, Dubai 2006

- Theme - Consumption and Production
- Project Outline
 - Identified the wood/carpentry industry as the largest industrial sector in their community
 - Analyzed and mapped waste management within local companies
 - Identified opportunities of reducing environmental impact of waste
- Results
 - Waste from a local carpentry company is now reused for production in local NGO's carpentries
 - Costs of waste management as well as environmental impact were significantly reduced



The Argentinean group receiving their award at the Dubai Convention 2006



Success Stories 2

Jordan Group 5, Dubai 2006

- Theme – Poverty Reduction
- Project Outline
 - Finding a sustainable source of income for poor families in the Amman and Zarqa area by training them to produce and market soap, mushrooms and herbs
 - Conduct training, workshops and fundraising events in order to start up production and help market the products
- Results
 - Helped 40 poor families to create a source of income in a sustainable way
 - Students established the La Salle Centre, a non-profit organization, in order to give continued support for the project
 - Project expanded into other communities with similar needs



The Jordanian teacher, Mr Hani Tashman during one of the projects workshops



Student Benefits

- Engaging issues and discussions
- Fun and interactive design
- Easy to access from school or at home
- Capacity enhancing
 - Hands-on sustainability skills
 - Personal international networks
 - Computer skills
 - Language skills
- Individual Young Masters Diploma after completed education



*Global Environmental Youth Convention
in Lund, Sweden 2000*



Teacher Benefits

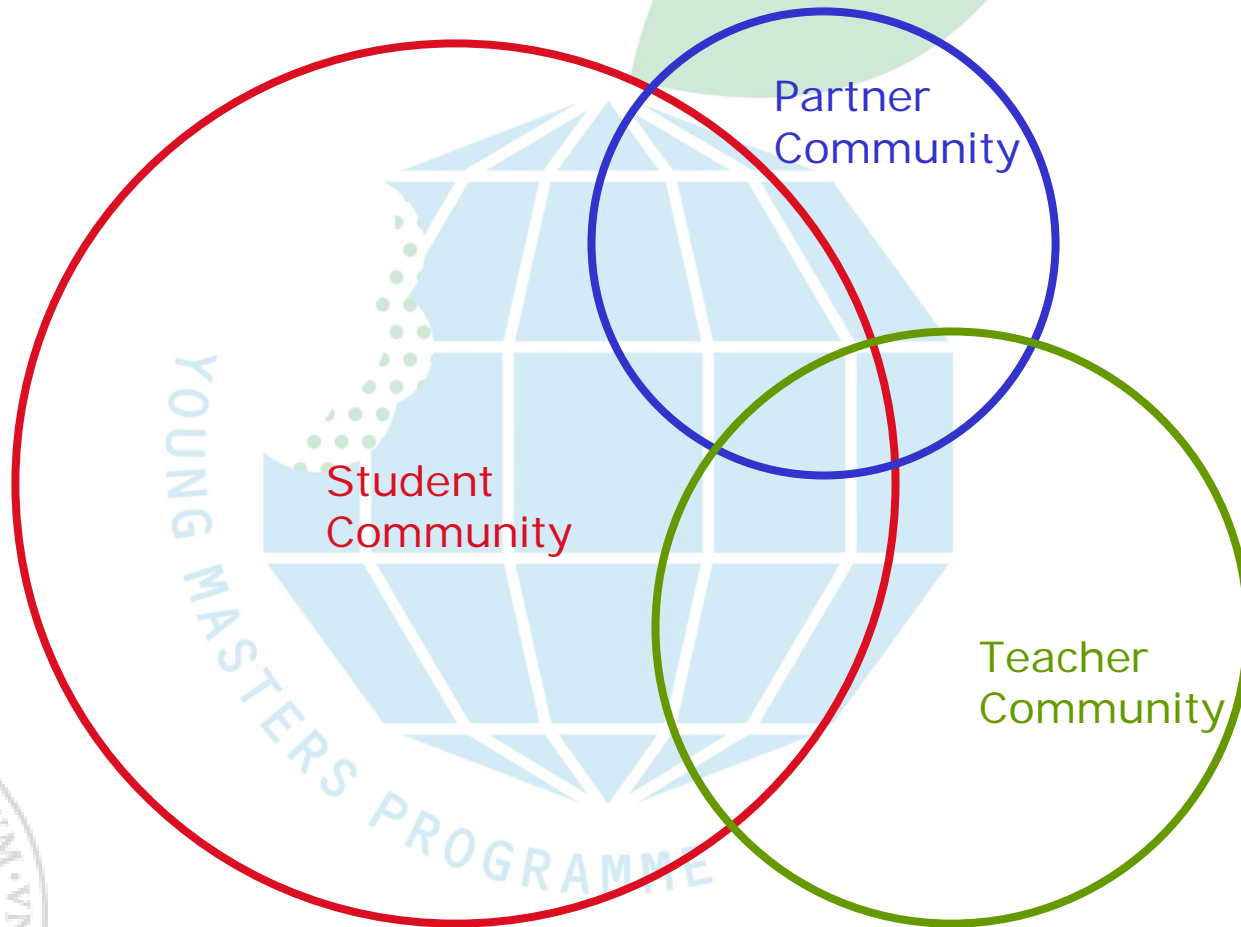
- Free of charge for your school
- Scientific credibility
- Opportunity to integrate global sustainability issues in local curricula
- Practical societal involvement
- Attitude shaping activities
- Teacher Community with Guidelines and Aides in local languages, learning tools and experience exchange



*Young Masters Programme
Teacher training in Beidahe, China 2007*



Coupled Communities

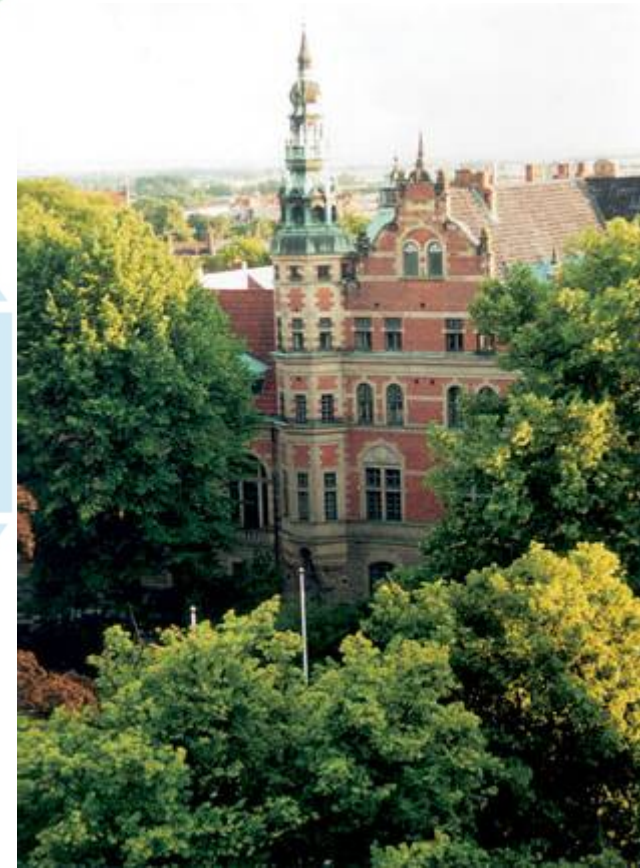


More Information

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GOteborg MASTERS PROGRAMME



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