Tallinn

Enviornmentmal Education in Tallinn

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Management

Tallinn Botanic Garden

Tallinn Environment Department

Tallinn Culture and Heritage Department

Nõmme Youth House
Kullo Environmental Class
Lehola Center of Environmental Education, 2005

Tallinn Education Department

Educational institutions

Tallinn Zoo
Center of Environmental Education (open in 2014)

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Tallinn Environmental Education Action Plan

To improve an environmental awareness of different groups of population in making related to environment decisions and choices.
Partners in implementation of Action Plan

- City institutions
- NGOs and funds
- Universities
- Government institutions
- Private entrepreneurs
Objective 1

Each age group has the right to obtain available environment data and to acquire necessary skills for practicing environmentally conscious friendly lifestyle.
Objective 2

Environmental education is valued and has a good quality
Objective 3

The importance of out-of-class nature studies is increasing in schools; the sustainability of Nature houses and centers is ensured.
Objective 4

Continuous improvement of environmental knowledge of school principals and teachers is guaranteed
NGOs in environmental education

Partnership with NGOs: nature camps, quiz, publishing, different campaigns (planting trees, cleaning-up, visiting of nature preserved sites and study trails), etc.

Financial support to NGOs

2006 – 24, 15 896,9 €
2007 - 6, 34,445,5 €
2008 - 8, 29 695,9 €
2009 – 13, 26 844,8 €
2012 - 3, 9000 €
2013 - 4, 6000 €
2014 - 9000 € (call will be opened in February)
Problems

- Lack of funding
- Insufficient interest towards out-of-door studies
- Dependence of Nature Houses and Centers on funding through projects and small percentage of budget funds
- Small interest of pupils toward environment and nature issues
- The number of out-of-class nature studies should be bigger.
Tallinn Environmental Strategy to 2030

- The promotion and valuation of environmental education in Tallinn, improving the awareness of all of Tallinn’s residents in making decisions and taking choices that are related to the environment.
- Ensuring the sustainability of environmental education. Developing environmental education on all educational levels as well as in adult education.
- Developing a systematic network of environmental education centers in Tallinn.
- The involvement of the residents of Tallinn in environmental education activities and the taking of environmental decisions.

http://www.tallinn.ee/Tallinn-Environmental-Strategy-2030
Communicating the Baltic - COBWEB project is co-financed by EU's Central Baltic Interreg IV A Program (2009-2011), 11 partners from Estonia, Finland, Sweden and Latvia.

**Tallinn’s objectives:** studies for teachers of Environmental Centers on Aegna in Tallinn Botanic Garden and from school; to complete curriculum of nature studies and study materials.
House of Nature on Isle of Aegna

Popular facility on Isle of Aegna for environmental education for kindergartens, schools and citizens of Tallinn. At least 10 educational programs.

Number of visitors:
2011 – 3182
2012 – 3525
2013 - 2996 due to restrictions for preserved area.

Possible to combine with other similar facilities
Fishermen program for kindergartens

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Being an eagle on Aegna (for 4-6 grades)
Guidebook to Nature of Aegna

Guidebook will introduce the beauty of Isle of Aegna, show routes for visiting and give explanations to natural and historical objects.

Book can be used as a textbook for teaching environment and nature.

The composition of book is suitable for lectures, study programs and self education.
Environmental education in Tallinn Botanic Garden

- Tallinn Botanical Garden is offering 11 themed programs for 2-9 grades. Since opening until last year 9377 students from 458 classes spent 395 study days there.
- Exhibitions: 10 different every year. The number of visitors to Tallinn Botanic Garden is increasing, last year more than 60,000.
- The hobby group, “Nature Child”, which is located in Tallinn Botanical Garden, has 25 programs for students of primary and secondary school who are interested in botany.
Programs for Tallinn Botanic Garden

Soil and plants – for kindergartens
Soil – for 6th grade
Plants. Photosynthesis and respiration – for secondary school
Weather and climate – for secondary school
Early spring studying day for teachers in TBG

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Study Materials
Open-air study

**Outdoor studies** started in Tallinn in 2007 in Open-air Museum Rocca al Mare.

In birds signing mornings and lessons of geology since 2007 took part totally 46,699 students 206 classes from 89 schools.

Open-air studies for kindergartens have been provided in Zoo, Botanic Garden and Pääsküla swamp.
Forests in the city as a place for studies

In Tallinn ownership
83.7 ha of forests,
55.7 ha of parks and green zones
106.1 ha of cemeteries and
1.1 ha of other types of greenfield.
Open-air study on nature preserved sites

Landscape Protection sites (Pirita river valley, Aegna Island, Nõmme – Mustamäe forest)
Parks - ca 30
Nature preserved sites - 119
  trees - 55
  stones and piles of stones - 47
  springs - 5
  outcrops - 11
  meteor trail - 1
Beaches - 5 (Pirita, Stroomi, Kakumäe, Pikakari and Harku)
Natura 2000 sites – 4 (Paljassaare, Aegna, Pirita, Rahumäe)
Studies for teachers and camps for children

2008 – Environment issues in action plans of educational institutions.
2011- Nature protection studies for primary schools.
2013 – Environment open-air studies with elements of research for secondary schools.

Environmental education conference „Environmental friendly school“ for principals and their deputies

Conferences for kindergartens teachers

- 2008 – study trips to Aegna, nature camp in Lahemaa
- 2009 – Marine days of environmental education
- 2010- Nature camp on Aegna
- 2011- Nature camp on Aegna, camp with children from Moscow
- 2012- Nature camp on Aegna, camp with children from Riga
- 2013- Nature camp in Ojaääärse
- In cooperation with NGOs
Campaigns

Spring cleaning campaign
Pets and cats
Month of Environmental Friendly Mobility, Car Free Day
Waste Wolf
Eco-support activities
Blue Flag actions support
Award for Education Dedicated to Sustainable Development
Energy Day
Flowery District
Spring cleaning campaign

- Every year in April – May
- Cleaning days on beaches together with raising of public awareness about Baltic Sea and GoF issues.
- Jointly with „Let’s do it“ international team.
Pets and Cats
September is Month of Environment Friendly Mobility

Raising environmental awareness through different actions, including performances, car free day, sport events, etc.
Waste Wolf
Eco-support activities

Public sector workplaces have significant environmental impacts, and at the same time the public sector has a pioneering role in reducing environmental loads.

The activities are integrated into environmental management and focuses on environmentally friendly practical actions in waste management and recycling, energy and water, green procurement and mobility and decreasing paper consumption.
Blue Flag actions support

Tallinn supports membership of Estonian Society for Nature Conservation (ESNC) in Foundation of Environmental Education (FEE).

ESNC membership created possibility for beaches’ holders in Estonia to apply for Blue Flag award (BFA).

BFA requires providing at least 5 events of environmental education.

Tallinna has intention to apply for BFA next year.
BFA advertising

Tallinn and ESNC jointly advertise the BFA in other municipalities' beaches' holders.

Potential applicants are Piritu and Stroomi/Pelgurand in Tallinn, Narva-Jõesuu, Kuressaare, Pärnu.

BFA is including establishing of eco-schools.
Award for Education Dedicated to Sustainable Development

City of Tallinn initiated Award for Education Dedicated to Sustainable Development.

Award for the best schools and kinder gardens of Tallinn.

2013 participated 25 establishments, 5 was awarded.

The idea is to encourage educational establishments to introduce environmental issues not only into curriculum, but also in everyday activities and management.
Energy Day
Flowery District
THANK YOU FOR YOUR ATTENTION!

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