

## **COMENIUS PROJECT SO ECO GREEN**

Local Agenda 21, Budapest 11th district

The Local Government does not have a Local Agenda 21, but it has other plans and actions as it follows:

**Plans and Actions**      [www.ujbuda.hu](http://www.ujbuda.hu)

### **Environmental education:**

- competition organized for schools and kindergartens involving parents also (collecting rainwater for watering, making a small garden and grow vegetables, making and using bird tables, drawings, photos)
- Kamaraerdő study path (booklet)
- Sas Hill study path (<http://dinp.nemzetipark.gov.hu>)

### **Environmental protection:**

- selective waste collection in institutions
- selective waste collection for local residents (flier)
- composting (free compost boxes and bags)
- biking, walking (flier with shops in the area)
- using recycled paper
- organizing defoliation, cutting of branches in the area
- spring and autumn – cleaning in the district (cleaning of parks, green areas, collecting litter)
- lumber removing (twice a year, free for residents, leaflet)
- reduce consumption of water in institutions ( using special water filters)
- rubbish dump (cleaning illegal waste deposits)
- cutting ragweed
- smog alarm (Budapest City Council) together with AIRCE ( air-quality and quantity of the measured pollutants) automatic station in Kosztolányi Square

## **Renewable energies**

- together with the Energy Club- Intelligent Use of Energy – booklet about renewable energy sources, reducing energy consumption, modernization of heating systems)
- use of solar power (Local Council Building)

## **Problems:**

### **Environmental problems:**

- pollution and noise
- rubbish dumps

### **Economic problems**

- unemployment
- small shops close down because owners are unable to pay the high rent, and because of the lower prices of hypermarkets and shopping malls

### **Social problems**

- homeless people in parks, streets
- no flats/houses for rent (for people who cannot afford to buy)

### **Cultural problems**

- few cultural activities /fewer participants (expensive)
- less/no financial aid by the government
- cultural institutions close down

## **Mechatronikai Szakközépiskola – Plans and Actions**

- selective waste collection (batteries, plastic bottles)
- paper collection
- saving the chestnut trees
- Environmental day – Dönts! Competition
- building a heat collector from beer cans (project week, with the help of electrical engineering teachers)
- cleaning an area in Törökbálint, a small town 10 km from Budapest
- posters
- reduce water consumption (waterfilters)
- eco-theatre
- examination of Danube water (pollution level, composition)
- small garden for spices
- waste material dress
- planting trees
- painting Saturday (classrooms, benches, chairs)-students, parents, teachers
- fence painting
- use of material rest (patchwork bag and crochet-work mobile holder)

## **School subjects to deal with sustainability**

### ***Geography***

### ***Chemistry***

***History*** (the industrial revolution, technical development, pollution of the environment, globalization, emphasize the importance of protection of the environment, of the Earth; international collaboration of different institutions and organizations for a better world for future generations)

***Social sciences*** (the individual and his environment, the importance of ecological approach, the influences of human activity on climate changing, the consequences of global warming)

***Literature***: the Bible- responsibilities of man

***Ethics***: protection of the environment

***Form-teacher's lessons***: What can you do?, organizing different competitions on the topic, volunteer work to clean/paint/decorate the classroom, etc.

The Hungarian Society for Environmental Education is working on a new ("green") curricula.