

## 2. Strategies and experiences to transfer the yep idea to the workplaces in Plovdiv

### a. Realisation

#### 1. Acquisition of the work places (ways, criteria of selection)

The project was implemented in one workplace– Liebherr-Hausgeräte Marica EOOD, a German company producing in Bulgaria.

Just few of the students were selected by the schools to do the specific tasks at the workplace. The students went several times to the EAP office to get introduced the tasks by EAP.

#### 2. Requests of the workplaces

There is an existing partnership between EAP and the company Liebherr.

The company had 3 specific tasks for the students:

- Installing solar thermal panels for hot water in the office buildings
- Installing double doors for minimizing the heat loss
- Identifying potential for energy savings in the company

#### 3. Accompanying the pupils

EAP accompanied the students to the workplace. A team was assigned by the workplace who worked with the students and EAP.

#### 4. Energy saving knowledge transfer

The company also participated in the educational process. The participating experts have prepared different presentations for the pupils including one on the energy labeling of appliances.

#### 5. Experiences

The first meeting in the company was more “get to know each other”. The appointed from the company experts introduces the company and themselves. They presented the tasks that were previously agreed with EAP in the formal agreement to the students. And then the work began.

The students started collecting the data needed and the company was always responsible and ready to help. A lot of e-mails were written and phone calls made. The pupils needed a second meeting for more detailed study of the company. During this meeting the pupils identified together with energy experts energy savings potential in the old boiler house of the company. They started working on the measures to be suggested.

In June 2010 the final meeting in Liebherr took place. Proud with themselves the pupils presented their studies and proposals for energy savings in compliance with the tasks agreed. The general manager of the company Mr Gerhard Grueber was more than impressed!

## 6. Evaluation (Workplace Questionnaires)

The selected company was highly aware of energy efficiency issues and ways to save energy. The company has already organized special trainings on energy efficiency for the staff.

Moreover the company is one of the lead producers of energy efficient appliances and in 2008 was awarded “The biggest European producer of appliances class A++”. The production process of the company is also energy efficient – for 10 years in Bulgaria they have saved 345 000 t CO<sub>2</sub> emissions (115 mil euro)

## 7. \_\_\_\_\_

### a. Goals

The company is ready to continue to work with young energy professionals. They will incorporate the energy monitoring issues in the topics covered in their centre for professional education.

### b. Obstacles

### c. Suggestion and Notes

#### 1. Lesson learned

The participating workplace should be motivated to participate in the project and should take an active part in its realization.

#### 2. Suggestion for the future

Needs assessment studies should be the first step in implementing this kind of projects. Finding a good motivation both for the workplace and schools is a key for the success of the implementation.