Date:

ENVIRONMENT & INNOVATION:

Theme 2007/2009

Climate change:

Let's save energy!

Final Project Report

Environment and Innovation

1. Delegation Identification

Country:	NORWAY
Organisation:	Stiftelsen FEE Norway
Project Name:	Environment & Innovation - A project to promote schools´ innovative environmental problem-solving By International Eco-Schools Programme (FEE) in partnership with Toyota Motor Europe
Activity Name:	Grønt Flagg
Date:	08.07.2009

2. School Identification

School Name / Group of Schools Name:	Kvadraturen videregående skole
Address:	Tolbodgt. 75 4614 Kristiansand
Region:	Kristiansand
Telephone:	38077300
Fax:	38077301
E-mail:	
Website or Project website:	http://www.kvadraturen.vgs.no/hoved.aspx?m=761
Contact person for this project:	Erling Andresen
- Position	Head of department, Kvadraturen videregående skole
- Direct email	Erling.andresen@vaf.no
- Direct telephone	91601817

Type of school (kindergarten, primary, secondary, etc..) :	Secondary school
Age of students involved in the project:	17-18 years old

Date:

Number of students directly involved in the project:	About 20
Total of students in the School:	1300
Number of staff/teachers directly involved in the Project:	6
Total of staff/teachers in the School:	200
Other participants involved (individuals and/or organizations) and the number of them:	**Outside the school** Elkem Solar AS University of Agder ARC-aid/the ARO centre in Kenya Kisumu polytechnic school
The other participants role:	**-** Technical guidance during the construction work - Collaborating partner in Kenya - Solar cell research
Rural / Urban setting:	Urban

3. Project Identification

Project Title	The Environment Room (this is a part of a larger project; Solar-project)
Project keywords	Renewable energy, energy saving, environmental education.
Project Summary	The school has built an environment room run by non-conventional energy (sun and wind). This is a part of a greater project (Solar Project). The room is a natural science/biology lecture room that accommodates 45 pupils. In this room different types of energy economising, alternative armatures and lighting apparatus will be tested.
Introduction and outline of the challenge addressed by your schools or group of schools. **(Please submit a description of the problems that your project addressed. How was the situation prior to the project?)**	Through this project, the school aims to focus on non-conventional energy and energy reduction. They want to give students a relationship to efficiency and the developing of non-conventional energy sources. The effect and utilization of the solar energy is logged and continuous registered on computers. This information is presented through computer screens in the environmental room. The partner school in Kenya have a homologous installation were information is also logged and registered. Kvadraturen vgs can therefore compare effect and output on the two

	installations, and look at the possibilities for environmental friendly energy production under distant skies. The environmental room will in this context be a "tool" in focusing on energy saving and renewable energy.