

1.1 Description.

12 profesores /a del centro integrado de Formación Profesional Someso de la Coruña de cinco familias profesionales (Edificación y Obra Civil, Fabricación mecánica, Imagen Personal, Madera y Mueble y Mantenimiento de Vehículos autopropulsados) están trabajando en la evaluación de los talleres del centro desde el punto de vista de la Salud y la Ecología y haciendo propuestas de mejora.

12 Teachers of Vocational Training from five professional families (Building and Civil Engineering, Mechanical Manufacturing, Personal Image, Wood and Furniture and Maintenance of self-propelled vehicles) are working on the evaluation of the workshops the center from the standpoint of Health and Ecology and making suggestions for improvement.

2.1 Designed materials

Evaluating occupational hazards, energy use and abuse in the workshops and common facilities of the center.

Developed a documented checklist of priorities.

They did a proposal about renewable energy and alternative Bioconstrucción for improving the energy excess consumption, as well as proposals for green building and life-friendly environment, from the Green Building Workshops, which are being held in the center for 3 years.

They are looking at toxic waste disposal and developing a proposal for improve the environment and health.

They did some materials to work with students about toxic waste disposal.

2.2 Key factors for success

For the realization of a catalog of requirements, identify those points where they can improve the health and ecology concepts. They worked in different areas, at school, departament and modules level, improving the professional competence of teachers and students, getting their advocacy for respect for the environment.

The main activity as a group was the visual inspection of various facilities, observing the conditions of the other fellows working and commenting on the health characteristics and ecology in which they operate, taking note of them.

Teachers from different professional families act as guides to the specific facilities. In the spaces and common facilities shared, analyzed those aspects that are overlooked in the daily routine. The activity was evaluated as very interesting by the teachers, because they visited facilities of the institute who had not had chance to meet.

The facilities in which work their colleagues, and contrast the conditions under which develops their teaching, assessing occupational risks at each workshop and energy consumption.

In **Workshop on Waste**, the inspection is based on the assessment of the type of waste generated in each workshop, the assessment of risk to health and the environment. It also assessed the type of waste generated in the common facilities of the center, through a sensory analysis. We scored a sample of general waste and one center-specific workshop.

Equipped with gloves, they open a couple of bags of garbage from various sources, and established a rotation system to go away and classifying different residues found.

During the process aroused many comments, observations and proposals for solutions, including a significant highlights: separating organic waste is transforming the assessment of a large proportion of waste being set by the foul smell and by the appearance, to be a mixture of elements from easy sorting and retrieval: paper, plastic, cans, etc. on one side and other organic waste. Arises the issue of appropriate treatment for the waste for recycling and composting inorganic to organic.

It was so far the assessment of toxic waste in the plumbing workshop and a proposal for improvement.

At the same time visit several self-built composting, weeks before entering service with the help of the gardener and that means addressing "spot" of waste from the large garden of the institute and that it was a major problem, since the Servicios municipal garbage collection does not take garden waste. With this solution the following advantages:

It solves the problem of managing a budget.

There is a local treatment without transport, and corresponding savings in fuel and emissions.

You get a natural fertilizer to enrich the soil of the garden, closing the cycle.

The **School of Image and Sound**, with which share the same block, take the same approach. Teachers have an excellent educational resource for dealing with the subject of waste management, both domestic as generic or specific to the different professional specialties.

Sun Power Workshop: devote one day, conditioned by the weather conditions have to prepare food for more than 20 people, using different solar stoves and ovens, as a unifying element to learn to experiment with other devices like water heaters, solar showers, distillers, pasteurizers, thermal systems, photovoltaic systems for electricity, etc