

Proposal

To Whom It May Concern

**Information and Training
Program on Environmental
Techniques**

Waste Management

ECEXA

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TABLE OF CONTENTS

Status	3
1 Background	4
2 Training Program	4
2.1 Introduction	4
2.2 Information and Training	5
2.2.1 Targets and Target Groups	5
2.3 Identified Strategies to achieve the Objectives	6
2.4 Information Net Work	6
2.5 Factors affecting the Work Program.....	7
3 Possible Future Work	7
4 Liaisons and Relationships	8
5 Benefits	9

STATUS

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1 BACKGROUND

Many countries or communities lack information on adequate waste management systems. As a result, there is urgent need to establish a training program/workshop on environmental management systems and techniques with waste management (including hazardous wastes) as one of the main topics.

Training Objectives

The objective of this workshop is to develop and promote a program for the management of wastes regarding the environmental impact.

Expert Group

A group of Austrian and Hungarian experts in waste management (in short AHWE) with expertise in waste management has been practicing in that sector for many years. In association with high-rank experts, such as UNIDO, IUT (Ingenieurgemeinschaft für innovative Umwelttechnik GmbH), Austrian Standard Institute and ÖWAV (Austrian Water and Waste Management Association), ECEXA offers a tailor-made training program on waste management policies and techniques for sustainable waste management plans.

2 TRAINING PROGRAM

(Environment – Waste Management)

2.1 INTRODUCTION

In respect of the growing mass of waste – both, consumer wastes like household waste, and industrial wastes, there are increasing problems with

disposal – not regarding state-of-the-art technologies. Linked with the rising demand on energy and energy consumption at all, sustainable waste management is a topic of environmental targets in policy.

To develop a stringent strategy on hazardous wastes and wastes a reference document and knowledge of practice in state-of-the-art disposal and recycling is required. By taking into account the environmental aspects, a training program would fall completely within the framework of the country's or community's policy to ensure agreed standards all over the world.

2.2 INFORMATION AND TRAINING

A special program will be designed for workshops, in order to implement successful environmental management in enterprises, companies, administration, and local governments.

The program will be developed according to the wishes, needs and demands of the customer. We define demands and objectives precisely in a dialogue with our partner and customer. Special account is taken of the qualifications, interests and expectations of the target groups. By using modern methods of adult education we increase awareness and know-how.

A mix of indoor lessons and plant visits will give the trainees an overview of techniques used in the European Union, supplemented with the discussion of methods in countries that are not industrialized like Austria.

2.2.1 Targets and Target Groups

The targets of the program will be

- Promotion of international exchange of experience
- Information on theory and practical routine through lectures and excursions
- Promotion of know-how transfer
- Introduction to the environmental standards of the European Union

Target groups are

- Top level
- Economy
- Administration
- Politics

The supply of information and training will be adapted to the interest and needs of these target groups.

2.3 IDENTIFIED STRATEGIES TO ACHIEVE THE OBJECTIVES

Existing national (Austrian) and international published standards and regulations, coming together with many years of experience working in the field of environmental protection and services, are taken into account as a basis for the training program. The program will be worked out in respect of the subjects of the lecture, as well as with regard to the stakeholders.

In order to keep up with the current affairs, the program will have to be constantly aware of new developments, new machines, but also will have to identify relevant national regulations (depending upon the specific culture of the customers) and procedures.

2.4 INFORMATION NET WORK

Standards and the outcome of the workshops (in paper, but also by visiting different plants) are an effective means to transfer knowledge of many years in waste management in Austria. Furthermore, it is also expected that the coming together in the workshop will lead to future contacts and know-how transfer. To anticipate these activities, contacts with the organization of the program will be established.

2.5 FACTORS AFFECTING THE WORK PROGRAM

- English is chosen as the common working language. However, one might encounter language difficulties when participants of the program are not fluent enough in English.
- All written materials will be as simple as possible in language and structure.

3 POSSIBLE FUTURE WORK

This program will start with waste management and hazardous waste, including infectious waste from clinics.

But the strategy of the training program in lectures and training on the “facility” (by visiting and discussing) can be widened. Possible future developments/items which have to be taken into account are:

- Trainings “on the job” for managers of facilities in a training program at the treatment site
- Design of a local training program in developing countries
- Other treatments, like waste water management or servicing drinking water plants

4 LIAISONS AND RELATIONSSHIPS

ECEXA trainings will co-operate and liaise with the following institutions and technical bodies:

- Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management
- ÖWAV – Austrian Water and Waste Management Association (Vienna)
- ISWA – International Solid Waste Association
- ON – Austrian Standard Institute

5 BENEFITS

The development of waste management to integrated sustainable management plans with concepts of societal and citizen acceptance and safety (avoidance of pest and odor) will permit both public and private stakeholders to acquire a common approach for technical, human, organizational, and functional waste management, without high costs.

The output of the trainings will mainly support specific efforts in contributing citizens' increased awareness of clean and nice cities and the defense against hazards by uncontrolled waste disposal and poorly treated hazardous/infectious waste. Although an international/global approach might be preferable when dealing with waste management, it is believed that a specific European approach on recycling can be a strong input to upcoming recycling industries in developing countries.

The trainings will enhance the understanding of the relevant standards issues and the tools of the recycling and disposal industry. The outcome will provide a market incentive for technological research and manufacture of equipment for the local treatment facilities and infrastructure, suitable for the local needs.

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