Curriculum

Module Name:	ECOPROFIT Assistant (EA)

Content	The training program ECOPROFIT Assistant is dealing with the conception of causal relations between economy and environment and its implementation in private spheres (e.g. households) and in corporate related spheres (companies).

Preface / Objective:	With its content the training course builds the foundation for working on sustainability issues, waste- and energy management and topics related to Cleaner Production. It conveys the meaning of the essential terms and important knowledge, which support the participants to act as multipliers (trainers/ facilitator who can train others). Imparting of knowledge: - Sustainability - Sustainable economic development - Awareness- raising for acceptable ecological and feasible economic activities - Climate protection and Ecological Footprint - Cleaner Production – preventive, company-specific environmental protection - Waste management - Energy management

Targets:	- Know how transfer of basic knowledge concerning the extensive topics sustainability and Cleaner Production - Awareness raising for acting sustainable in private and corporate related spheres. - Practical work: Potential Analysis – designing improvement measures – feasibility assessment – implementation -

Duration:	Adult education: 40 (learning) units Schools: 25 (learning) units

Goals	Topics / Content	Units
Why sustainability 3 pillars of sustainability Meaning, imagery	**Sustainability, climate protection, Cleaner Production** Introduction to sustainability Definition The concept of sustainability Sustainable economic activity Sustainability and innovation Climate protection Weather and climate The Greenhouse Effect Green House Gases (GHG) and Global Warming CO_2 – a key Green House Gas Consequences of climate change Reducing CO2 emissions – what we do? The Ecological Footprint Background of the concept Approaches to the problem Personal ecological footprint Advice to enhance efficiency “Cleaner Production” - preventive, company-specific environmental protection Definition Development of Cleaner Production Why Cleaner Production Tools for Cleaner Production	11 (6)

Goals	Topics / Content	Units
The pathway of waste Why collecting/ separating New ideas instead of new waste	**Waste management:** Introduction to Waste & Waste management Definitions Types of waste Emissions Waste management Corporate waste management Sustainable waste management and management of material flows History of waste management Sustainable waste & material flows management Principles of sustainable waste management Legal requirements Organizational framework Costs, incomes, charges From product purchases to waste What is scrap/ trash? Waste as a resource Avoiding waste Using/ Re-using waste Accounting for waste Waste Recycling	14 (9)
Goals	**Topics / Content**	**Units**
Energy consumers Alternative energy solutions Energy management	**Energy Management** Energy - basic knowledge Basic information about energy Definitions and terms Energy sources Energy use/ consumption Energy management Introduction Implementing and establishing corporate energy management systems Energy efficiency in companies Energy conservation in domestic/ corporate settings	14 (9)

	Preparation for exams	1 (1)

Assessment:	Online testing

Textbooks:	• Script for adults and pupils • Script and accompanying documents for trainers/teachers