

TOWEF0 Progress Meeting

Paris, 2003 October 2 & 3

Work package 9

Partner 7: Ecobilan

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SEMINAR 2nd AND 3rd OF OCTOBER

TOWEFO



Towards Effluent Zero

ENEA

ENTE PER LE NUOVE TECNOLOGIE, L'ENERGIA E L'AMBIENTE

ECOBILAN

PRICEWATERHOUSECOOPERS 

UPDATE ON THE TASKS ACHIEVED

EVENT

ACTION

Achievement of the programming phase

Modifications

Internal IT tests

Improvements

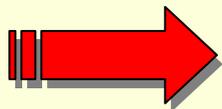
Launching of the β version

Installation of software on ENEA server

Customisation

Online IT tests

according to specific technical characteristics of ENEA server



Operational software on the ENEA server

FOCUS ON THE SOFTWARE FEATURES

- ✍ A more user-friendly interface:
 - ✍ Improved graphics : icons and general graphics
 - ✍ Add up of help windows
 - ✍ Add up of pop ups to guide the user
 - ✍ Add up of automatic checks that certain sequences of actions are carried out, so as to ensure adequate results
 - ✍ A graphical interface to visualise the system
- ✍ A user guide
- ✍ An installation guide
- ✍ A guide of the Towef0 architecture
- ✍ Technical specification guide ready
- ✍ Setting up of maintenance procedures of the tool, incl. bug-reporting questionnaires

FURTHER STEPS

PARTNERS

☞ List of admin-users related to companies

ECOBILAN

☞ Creation of administrative profile for each user



☞ Creation of projects by users
☞ Process data implementation

☞ In-depth test on software calculations

BRIEF PRESENTATION OF THE SOFTWARE

The software accounts for:

-  Textile manufacturing processes where water is used
-  Treatment of process water and wastewater in textile manufacturing

The scope includes:

-  Operation of the textile plant and on-site water treatment plant
-  Production of consumables used by the plants
-  Off-site treatment and landfilling of waste waters, sludge and biogas
-  Incineration with or without energy recovery

OVERVIEW OF THE 4 TYPES OF USER PROFILES

Administrator

-  Create, modify information on users or delete users

Process Expert

-  Create Manufacturing processes, General processes & Treatments
-  Modify/delete an existing and non validated process (Manufacturing process, General processes or Treatments)
-  Validate a process
-  Create single or comparison reports

OVERVIEW OF THE 4 TYPES OF USER PROFILES

Project Manager

-  To create and modify projects based on processes/treatments
-  To create and modify scenarios
-  To create and modify reports on the calculated inventories
-  To launch single or comparison calculations

User

-  To create and modify scenarios
-  To launch single or comparison calculations

SOFTWARE DEMO

Follow up

- ✍ Sending of an access to partners
 - ✍ As process expert (for implementation of data sheets)
 - ✍ As project manager (for definition of case studies)
 - ✍ As user (for calculations)
- ✍ Practice of the tool by partners, feedback to Ecobilan (for improvements)
- ✍ Practice of the tool by ENEA (WP8) and Ecobilan to end up WP8 and WP9, in collaboration with partners
- ✍ Improvements of the tool when necessary to make it robust