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Sistema Ambiente

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goal

GLOBAL **HEALTH** PROTECTION

GLOBAL **SAFETY** PROTECTION

GLOBAL **ENVIRONMENTAL** PROTECTION



IN A GLOBAL MARKET



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“Sistema Ambiente” is ready for everyone

mercoledì 20 settembre 18.20.30 © Environment System 16 English

Eco-management

Energy
raw materials
Products consumption
Technology
Services and Yards

Materials Organisation
FACTORES Attività Umana
Technology Proceedings
Analysis Duties
RISKS
Prevention Sharing

Emissions
Residuals
Products
Water Drainages
Territories management

Deutsche
English
Español
Euskara
Français
Italiano
Português
Русский
العربية

go out

Safety



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Release 001 001 001



English

Deutsche ▶

English

Español ▶

Euskara ▶

Français ▶

Italiano ▶

Português ▶

Русский ▶

عربي ▶

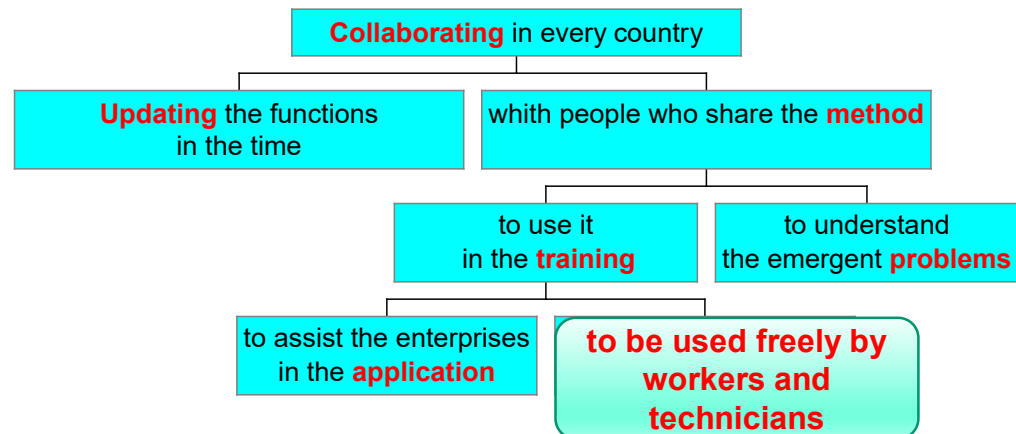
- a common platform for every company in every country



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How can we achieve this project ?





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The companies avail themselves of their own **management**:

- Technical**
- Economic**
- Financial**

“**Sistema Ambiente**” enhances integration with the management of :

- risk prevention**
- environmental quality**



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“Sistema Ambiente”

- CONTROL OF RISKS EMBODIES ALL THE **COMPLEXITY** OF THE COMPANY’S MANAGEMENT
- AND ADDS NEW VARIABLES WICH INCREASES THE DIFFICULTIES
- Enables to **ANALYSE** the problems according to an **ORGANIZED LOGIC**
- Gives the possibility to converge to **SYNTHESIS**, to **CHECK** and to find the tools to **SOLVE** the problems
- Has the proper **FLEXIBILITY** to achieve **COMPLETENESS**
- **LEADING** to the correct application, and supplying the relative **SUPPORTS**



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THE **NON-METHOD** “**ADAPTABILITY**”

- ✓ Try to **avoid** complexity
- ✓ **Break** down the problems without having the capacity to organize them and evaluate them by comparison
- ✓ **diverge** the company functions
- ✓ Creates **unbalances** difficult to cope with
- ✓ **avoids** the research of new solutions

“Sistema Ambiente”

Has an “**analytic**” method :

- ✓ Every aspect is analysed in **each risk element**
- ✓ The registration of the data coming from any source is **shared**, on the basis of a logical organization and of a **common method**

It has a “**propulsive**” engineering

- ✓ Notwithstanding the complexity it gives the **specific** information requested,
- ✓ **Integrated** with the other processes



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- It is an information system
- It is a database
- It helps to coordinate the company functions
- **It** guarantees transparency and immediacy
- It is based on EU and USA regulations
- It works both in net and web
- It can be used in many languages
- It has been experimented in every production and service sectors



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A fast glance of the functions

Risk analysis

Analysis and Assessment of places, work phases, machines and components

Chemical risk, explosive atmospheres

Job configuration

Chemicals and Product Safety Sheets

Machine Directive

Fire risk prevention and classification

The risk in pregnancy

Mobile sites and services

Food hygiene and Haccp



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A fast glance of the functions

Safety Plan

Procedures Management (safety, quality, maintenance, HACCP, systems measure and intervention planning, reports)

Event Register

Authorization, inspection and check management

Instrument and measurement records and reports

Sanitary Management

Protocol configuration and planning

Management of medical records, chemical analysis and vaccinations

Statistical elaboration of the effects on health



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A fast glance of the functions

The control and worker's protection instruments

Register data of employees and contractors

Risk exposure historical files

D.P.I. assignment management

Accident records and statistic

Calculation of equivalent level of exposure (noise, vibrations, chemical agents)

Training and Information management and e-learning

Ergonomic and load handling risk analysis

Load in hospital ambient

Cards of evaluation of the risk from the interested group



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A fast glance of the functions

Management of environmental factors

Emissions to the atmosphere

Waste water

Waste handling

Materials handling

Energy consumption management

Extraction industry form

Configuration of the **cycle** of the products and environmental budget of product

Automatic **environmental accounting** and elaboration of the **environmental**

Budget

up to the calculation of the equivalent carbon in compliance with the Kyoto protocol and Paris Agreement



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- **Clear reports** for any checks
- **Documents** for ISO 14000, OHSAS18001, 22000, 45000
- A **common method** to work out
- **Exchange data** with other informationl systems

“**Sistema Ambiente**”

translated into Italian, French, Spanish, Portuguese and
Brazilian, Chinese



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***THE SPREAD OF INDUSTRIAL TECHNOLOGIES
AND THEIR PRODUCTS
HAS TWO POSSIBLE OUTCOMES:***

***THE CONTINUATION OF HUMAN AND ECONOMIC
DEVELOPMENT IN COMPLETE HARMONY WITH THE
ECOSYSTEM, IF "CLEAN" AND "SAFE" TECHNOLOGY
OFFERED BY TODAY'S TECHNICAL AND SCIENTIFIC
KNOWLEDGE ARE EMPLOYED***

***THE DESTRUCTION OF THE ROOTS OF LIFE
IF THE KIND OF TECHNOLOGY WHICH IS BEING SPREAD
LACKS ENVIRONMENTAL QUALITY***



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**THE GREAT CONFERENCES ON THE STATE OF HEALTH OF THE PLANET
HAVE SET AS OBJECTIVES THE REDUCTION OF DANGEROUS EMISSIONS,
establishing a sharp reduction of CO2**

**HOWEVER SUCH OBJECTIVES CAN BE ACHIEVED ONLY IF
MILLIONS OF FACTORIES and BILLIONS OF PRODUCTS
WILL EMPLOY CLEAN TECHNOLOGY**

**“SISTEMA AMBIENTE”
OFFERS THE OPPORTUNITY TO:**

**KEEP THE WORKING CYCLE UNDER CONTROL
MANAGE PREVENTION CORRECTLY
WORK WITH METHOD AND SYNERGY**

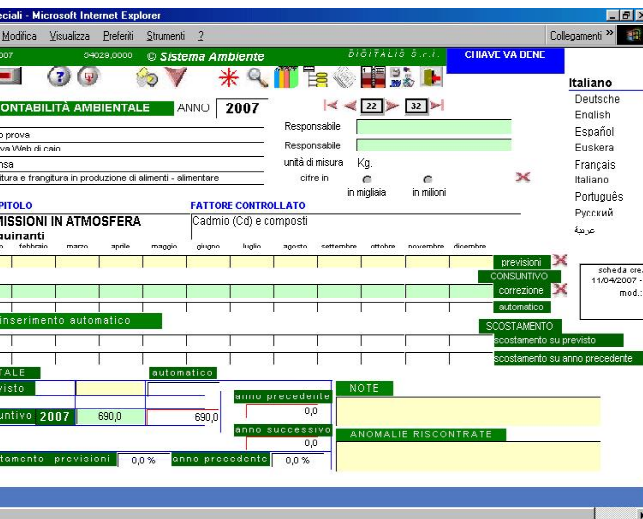
**TO ALL INDIVIDUALS OPERATING WITHIN THE COMPANY
ABOVE ALL BY ANALYZING AND IMPROVING THE WORK PROCESS
AND BY ELIMINATING RISKS WHEREVER THEY MAY ARISE**



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**ANALYZING THE ENVIRONMENTAL QUALITY
OF MATERIALS AND THE TECHNOLOGY EMPLOYED
AND ACTING TOWARDS THEIR INNOVATION**



**MANAGING THE SAFETY OF THE PLANTS
THROUGH PLANNING AND PREVENTION
AND OPERATING TO RENEW THEM POSITIVELY
BY CHECKING AND MEASURING
POLLUTING EMISSIONS AS WELL
AS OTHER RISKS
WHEREVER THEY MAY ARISE
IN ORDER TO ELIMINATE THEM**

**CHECKING THE STATE OF HEALTH
OF WORKERS EMPLOYED ON THE WORK PROCESS
AND GRANTING THE HEALTHINESS OF THE PROCESS**



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The screenshot shows the 'Sistema Ambiente' software interface. At the top, there is a menu bar with 'File', 'Modifica', 'Visualizza', 'Preferiti', 'Strumenti', and '2'. Below the menu bar, there is a toolbar with various icons. The main area displays the 'bilancio ambientale di Prova Web di calo' for the year 2007. The 'CONTO' is set to 'AF 04'. There are buttons for 'confirma' and 'per cambiare l'insediamento'. Below this, there is a table with columns for 'descrizione', 'unita', 'previsto', 'consumativo', and 'scostamen'. The table lists various energy sources and their usage, such as 'ALTRE FONTI DI ENERGIA NON RINNOVABILI' and 'Utilizzate per il processo'.

descrizione	unita	previsto	consumativo	scostamen
AF 04 ALTRE FONTI DI ENERGIA NON RINNOVABILI	Ton.			
AF 04 01 Utilizzate per il processo	Ton.			
AF 04 01 01 Per riscaldamento e condizionamento	Ton.			
AF 04 01 02 Per l'illuminazione	Ton.			
AF 04 01 03 Per il funzionamento impianti	Ton.			
AF 04 01 04 Per l'alimentazione del processo	Ton.			
AF 04 01 05 Per il trasporto di approvvigionamento materiali	Ton.			
AF 04 01 05 02 Su autovettura	Ton.			
AF 04 01 05 04 Su autoveicoli per movimentazione merci	Ton.			
AF 04 01 06 Per il trasporto interno	Ton.			
AF 04 01 06 04 Su autoveicoli per movimentazione merci	Ton.			
AF 04 01 06 06 Su carrelli a motore	Ton.			

**EMPLOYING
RENEWABLE ENERGIES and
RESOURCES
"SAFE" MATERIALS
AND SUPPLYING "CLEAN" AND "SAFE"
PRODUCTS**

**PLANNING AND SELECTING MATERIALS AND PRODUCTS
WHICH CAN BE RE-USED OR BIODEGRADABLE
AND CHECKING THE PROCESSES OF RECOVERY**

**KEEPING EMISSIONS UNDER CONTROL
AND OPERATING TO REDUCE THE POLLUTION GENERATED**

**SO THAT THE COMPANY ENVIRONMENTAL BALANCE BE
THE RESULT OF THE KNOWLEDGE AND SKILLS OF ALL**



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***THIS WILL BE PART
OF THE ENVIRONMENTAL BALANCE
OF ALL GEOGRAPHICAL AREAS OF
THE PLANET
TO GRANT
THE SURVIVAL OF OUR ECOSYSTEM
AND THE DISTRIBUTION OF
MATERIAL RESOURCES***



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