Promoting HSE through IUPAC – UNESCO – UNIDO
Safety Training Program

MSc. Fabián Benzo

43rd IUPAC World Chemistry Congress
San Juan (Puerto Rico), 2011/08/01
Mitsui Chemicals Inc.

Tokyo Center Office

Sodegaura Research Center

Iwakuni Othake works
Training

- Environment & Safety Management activities audit
- Production plants safety activities
- Process accident prevention
- Environment & Safety Management
- Safety engineering
Application

- Safety operational control
- Safety management
- Teaching activities
Application – Industry

Uruguayan chemical company

Static electricity risk control
5S housekeeping programme
HAZOP method
GHS

OHSAS 18.000

OHS Objectives (T-type matrix)
Static electricity risk control
Laboratory waste management
Emergency response

OHSAS 18.000
Objectives and programme
Responsibility and accountability structure
Risk evaluation, incidents investigation, OHS performance
Risk prevention in the laboratory
(course for undergraduates – obligatory)

OSH management
(course for undergraduates – elective)
Application – Other

School of Engineering
“Tools for safety management in the process industry “

Uruguayan Standard Institute
“Safety and Health Management Systems“

Meetings in Uruguay and Paraguay
The Safety Training Programme is an extremely useful tool:

- To improve the knowledge, capacity and motivation of the trainees about chemical safety.
- To promote the responsible use of chemicals in developing countries.
A Proposal

STP Regional Focal Point

TRAINEES

TRAINING

CANDIDATES

STP (IUPAC Company Associates)

STP (Development countries)
Finally

Each new illness or death of a worker shows that we have delayed too long in putting science, technology and morality at the service of human beings