ANEFA's Health and Safety Strategy for the Spanish aggregates industry

César Luaces Frades
General Manager
ANEFA – FdA:
- 650 companies
- 900 sites

Total Aggregates consumption: 560 Mt
- Construction: 485 Mt (+5.5 %)
- Industry: 75 Mt
- 2 Country in Europe (after Germany)

First mining sector:
- 86,000 workers (D + I)
- 1950 extraction sites

Construction 17.8% GDP
To promote health and safety at work.

To cooperate to obtain an homogeneous legal framework in mining health and safety issues.

To reach a better fulfilment by every stakeholder of health and safety norms.
ANEFA’s purpose:

Promote continuous improvement of health and safety conditions of workers in companies of this area.
ANEFA’s Health and Safety Committee

- 20 members
- 4 annual meetings
  - On-line work
- Advises the Board
- Validates the actions of ANEFA
Other actings in preventing occupational risk for companies
ANEFA is represented in every national and European Committee, related with Health and Safety in the area.

**SPAIN**
- National Committee of Health and Safety at Work
- Mining Safety Committee
- Occupational Risk Prevention Foundation
- Public Health, Social Security and Occupational Risk Prevention Committee of Spanish Employers Organisation
- Occupational Health and Safety Committee of Construction Confederation

**European Union**
- UEPG H&S Committee
  - Chairmanship and Secretariat
- SWPEI (UEPG)
- NEPSI (UEPG)
- UEPG Portfolio - EU H&S Agency (Bilbao)
Other actings in preventing occupational risk for companies

- Legislation
- Dissemination
- P. P. E.
- Signposting
- Working equipment
- Risk evaluations and H&S Documents
- Information and training
- Research and Statistics
“Safety Conditions in Extraction Sites and Treatment Plants”. 2004

Electrical Installations Situation in aggregates treatment plants. 2005

Situation of the Health and Safety Document. 2005

Human Factor Effects on Safety. 2006

Workers exposure to dust, noise and vibrations. 2006

Support from the National Silicosis Institute.
Data from:

- 125 sites
- 1500 direct workers and 1100 indirect workers

Begining 2001 – April 2007 ...

Analysed data:

- Nº of workers
- Nº of occupational accident leaves
- Nº of days of accident leaves
- Way the accidents took place
- Kind of injuries
- Injured part of the body
- Workers experience

12 pages yearly publication
Other actings in preventing occupational risk for companies

H&S software:

PERL. 1999

DSSÁRIDOS. 2001
Evaluation of Occupational risks in Extractive and Productive Aggregates Companies

Contribution with the Health and Safety at Work National Institute. 2003

Simplified risk evaluation to small companies

Guide on H&S Document. 2006
Other actings in preventing occupational risk for companies

- Legislation
- Research and Statistics
- Risk evaluations and H&S Documents
- Dissemination
- P. P. E.
- Signposting
- Information and training
- Working equipment
ANEFA is the first business association, of the spanish mining and construction sectors with Certified ISO EN 9001:2000 for the management of technical training courses.
ANEFA had held, (1999-2007):

- **81 Technical Conferences** about H&S
- In **15 Regions** and **35 different cities**
- **4,975 attending people**

Free Training Courses on Safety

- **1,442 students** (97-07)

Interactive Training Course on Preventing Occupational Risk. 2002
Technical Training Guides ...
Prevention of Occupational Risk Campaign in the Aggregates Extractive Industry

2000 – 2007...

Up to now, have been distributed:

- 7,700 posters (11 matters).
- 32,500 publications (30 matters).
- 6,500 CDROM (9 matters).
- 9,500 brochures (3 matters).

General risk prevention
Working Equipment
Good Practices
Physical Agents (dust, noise, vibrations ...)
Explosives
Electricity
Maintenance
Equipment use
First Aid and Emergency Plans
Human Factors
Signposting
Personal Protection Equipment
The Logo
“Little Aggregate”

TREATMENT PLANT

SITE

MACHINERY

THE WORKER

SIGNS

PERSONAL PROTECTIVE EQUIPMENT
Other actings in preventing occupational risk for companies

- Legislation
- Dissemination
- P. P. E.
- Risk evaluations and H&S Documents
- Information and training
- Research and Statistics
- Signposting
- Working equipment
2 Campaigns on Technical adaptation of machinery.

- 1998
- 2000
Other actings in preventing occupational risk for companies

- Legislation
- Risk evaluations and H&S Documents
- Research and Statistics
- Information and training
- Working equipment
- Dissemination
- P. P. E.
- Signposting
8 Signposting Campaigns:

1999 – 2007...

200 companies

40,000 distributed signs

Personal Protective Equipment Campaigns

2003 – 2007...
Other actings in preventing occupational risk for companies

- Legislation
- Research and Statistics
- Risk evaluations and H&S Documents
- Information and training
- Working equipment
- Signposting
- P. P. E.

Dissemination

Index
Sustainable Development Awards - Social – Health and Safety Good Practices

- National (ANEFA)
- European (UEPG)

2 Spanish Winners in 2005 and 2007
Dissemination Ways

Information and publications
Booklets (member companies)
Press office

Own media:
- Annual Magazine
- Anefa Actualidad
- www.aridos.org
  - News
  - Novelty
  - Publications available on PDF format

External media
We still have so many things to do …
Research in ergonomics
New on line training courses
New campaign on machinery safety conditions
ÁREAS TEMÁTICAS
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento a los contenidos. Estamos en un acceso de primer nivel de contenido prioritario.

CAMPAÑAS
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento.

BUENAS PRÁCTICAS
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento.

RIESGOS
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento.

PUESTOS DE TRABAJO
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento.

DSSA
Pequeño resumen de la sección. No entraremos en desglose de contenidos, tan sólo un acercamiento.
... But we are in the good way. 
Frequency index
Thank you very much