think global - act local
Building Prevention Networks in a Globalized World

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Some facts about StBG
### Insured Branches

<table>
<thead>
<tr>
<th>Branches</th>
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</thead>
<tbody>
<tr>
<td>Aggregates and quarries</td>
</tr>
<tr>
<td>Cement</td>
</tr>
<tr>
<td>Concrete</td>
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<tr>
<td>Asphalt mixing plants</td>
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<tr>
<td>Concrete blocks</td>
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<tr>
<td>Recycling</td>
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<tr>
<td>Natural oil and gas</td>
</tr>
</tbody>
</table>
The companies

5,800 companies
11,000 subsidiaries
153,000 employees
Company sizes in relation to full-time-employees

86% of the member companies employ less than 50 employees!

Ø = 27 employees
**Most frequent causes of accidents**

- slip, trip and fall
- use of wheel-loaders, trucks ...
- transport of material
- injuries of the hand
- eye-injuries
Top 3 in occupational diseases

- silicosis
- hardness of hearing
- spinal column
our prevention principle:

service and consulting is better than supervision and penalty
### Accidents at Work and Occupational Diseases 1995 - 2004

<table>
<thead>
<tr>
<th>Category</th>
<th>1995</th>
<th>2004</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accidents at work</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In total</td>
<td>28,431</td>
<td>13,812</td>
<td>51.42%</td>
</tr>
<tr>
<td>Notifiable</td>
<td>17,735</td>
<td>6,585</td>
<td>62.87%</td>
</tr>
<tr>
<td>New pensions</td>
<td>525</td>
<td>251</td>
<td>52.19%</td>
</tr>
<tr>
<td>Notifiable per 1000 full-time-employees</td>
<td>87.37</td>
<td>50.52</td>
<td>42.18%</td>
</tr>
<tr>
<td><strong>Occupational diseases</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suspected</td>
<td>1,118</td>
<td>481</td>
<td>56.98%</td>
</tr>
<tr>
<td>New pensions</td>
<td>122</td>
<td>89</td>
<td>27.05%</td>
</tr>
</tbody>
</table>

**Safety and Health Conditions:** + 100 %
What is our experience from the last 10 years?
Sufficient knowledge is available!
Suitable solutions are existing!
(for most cases)
How do we bring knowledge and solutions just in time to the customer?
What we need is cooperation not only in theory, not only in science, not only at congresses.
We have a transfer problem to daily business!
We need an effective simple transfer network for safety and health:
regional
national
worldwide
How do we cooperate in questions of health and safety today?
International cooperation
International cooperation

ISSA
International cooperation
International cooperation
Regional and national networking is going to be improved continually in many countries.
But worldwide networking in branches is still poor!
Overseas transport of ornamental stone slabs

Unloading the slabs is extremely dangerous
Overseas transport of ornamental stone slabs

Unloading the slabs is extremely dangerous

Exposition to toxic agents
Quarries

Different working conditions in different countries

Working in quarries should be safe and humane, all over the world!
How to inform, convince, motivate employers in SME‘s?

How to change bad conditions in SME‘s?
Earth Moving Machinery

How to further improve the design?
Earth Moving Machinery

How to guarantee safe access (also for elder workers)?
Earth Moving Machinery

How to guarantee sufficient visibility?
Earth Moving Machinery

How to guarantee sufficient visibility?
For daily business:
We need a worldwide access to best practice solutions!
A new approach: Atlantic Alliance
the initiators: the Atlantic Alliance

- Health and Safety Executive (GB)
- Health and Safety Executive (Northern Ireland)
- Health and Safety Authority (Eire)
- Camborne School of Mines, University of Exeter (GB)
- National Stone, Sand and Gravel Association (USA)
- Quarry Products Association (GB)
- National Stone, Sand and Gravel Association (USA)
- ISSA Section Mining
- Tarmac (GB)
- Group Hanson plc and Hanson (America Rogers Group (USA)
- EPIC (GB)
- Trades Union Congress (GB)
- Foster Yeoman Ltd (GB)
- Caterpillar (USA)
- Lafarge Aggregates (GB)
- Steinbruchs-Berufsgenossenschaft (Ger)

Authorities, Universities, Insurance Associations, Global acting Companies, Employer's Associations, Trade unions ...
To identify, communicate and support initiatives aimed at reducing mining and quarrying related injuries and ill health worldwide
A new approach: www.quarry-safety.net
quarry-safety.net is an initiative of the Atlantic Alliance, aiming to promote networking to the benefit of all parties involved. This website is carried by the ISSA, Section Mining.

quarry-safety.net is going to be the one-stop resource for safety experts, machinery producers, employers, planners, employees, and everybody else who needs to know about safety and health in the quarrying industry.

Everyone who is involved in safety and health in quarries will soon be able to contribute content to this portal.
The more useful information we gather, the more successful we are going to be.

The web site will be lean, easy to use, no special hardware or connection requirements.

Submission will be simple.

Content will be checked by an editor to avoid plain marketing or abuse.
website quarry-safety.net – system guidelines

- Submission will include a brief description, one or more links and a graphic (optional)

- As a worldwide platform, the website will consider differing standards for phone numbers, zip codes and special characters such as „ä“, „ö“ and „ß“
### website quarry-safety.net – Information categories

- Legislation
- Standards
- Statistics
- Remarkable accidents
- Occupational Diseases
- Best Practice
- Training & Motivation
- Management
- Media
website quarry-safety.net – Information categories

- Address Directory
- Campaigns
- Risk Assessment
- Insurance Systems
- Transport
- Industrial Hygiene
- Links
BAUZ: Workmen-focused prevention campaign (Germany)

Awareness-raising... tabloid paper, sweepstakes, ...
More: Dedicated page on StBG's website

Posted 2-June-2006 by StBG, Germany

Eyes on Safety - preventing eye injuries

High number of accidents... mobile exhibition... information and motivation.
More: Dedicated page on StBG's website

Posted 2-June-2006 by StBG, Germany
|-------------|-----------|------------|-----------|--------------|-----------------------|------------|------|----------|----------------|------------------|-----------|-------------------|-------------------|-------|

**Labour Protection Law (Germany)**
German: Arbeitsschutzgesetz
Regulating ... at the workplace.
Posted 2-June-2006 by BMWA, Germany

**European Directive "Transport of dangerous goods by rail"**
Directive for ... emphasising ....
Posted 11-August-2006 by European Agency for Safety and Health at Work, Spain

**The Quarries (Explosives) Regulations.**
Regulating the use of ...
Posted 12-December-2006 by HSE, UK
website quarry-safety.net – contribution step I

quarry-safety.net
serving loads of information.
quarry-safety.net > Contribution

quarry-safety.net aims to collect world-wide solutions and thus to promote global networking for the quarrying industry.

This website lives of your input!
Feel free to share your resources with others.

Submission is easy:

- Register as a new user (it's free!) or log in using your existing account
- Give us a brief description of your content
- Include an optional picture and/or links
- Click on submit

Your done!

Your entry will then be reviewed by the Atlantic Alliance Members and published if it is compliant with the following guidelines:
To submit content to this website, you need to register. Please supply us with the following information:

Your name

Company/Institution

Your position/function within your company/institution (such as 'marketing manager')

Your office phone number
You have logged in successfully!

Choose a **category** for your content:

- Legislation

Enter a brief **description** (max. 200 words):

```markdown

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Congratulations!
Your entry has been successfully submitted!
The data will be reviewed by the Atlantic Alliance Members and published if it is meeting the guidelines.

What would you like to do next?
- Enter more data
- Return to the start page
Join us!
Thank you for your attention

homepage: http://www.stbg.de

E-mail: ehnes@stbg.de