Managing or Removing Asbestos?

- Indoor Pollution Management
  - ASBESTOS, MMMF, PCB, PAH, PCP, Microbiology etc.
- Loss Management (Fire, Flood etc.)
- Fire Safety Management
- Project Management in Construction
- Technical Due Diligence
- Waste Management, Occupational Safety Management, Scanning Electron Microscopy
MANAGING OR REMOVING ASBESTOS?
(PROJECT-)MANAGEMENT:

Sum of all tasks of Planning, Steering and Controlling in order to reach the aims of a project.
AIMS OF ANY ASBESTOS MANAGEMENT

Sustainable prevention of any emission of asbestos fibres into the indoor air
GROUPS OF PERSONS THAT COULD BE AT RISK DUE TO ASBESTOS IN BUILDINGS

* USERS
  - during usual operation of the building
  - during ongoing works

* MAINTENANCE WORKERS

* REMOVAL WORKERS

* ENVIRONMENT (passengers, neighbours)
METHODS OF ASBESTOS MANAGEMENT

Ausgangssituation:
Stahlträger mit
Spitzbeinverkleidung

Methode 1:
Ersetzen

Methode 2:
Verkleiden und Beschichten

Methode 3:
räumliche Trennung
Managing or Removing Asbestos?

Implementing Continuous Improvement Projects

- **Plan**
  - Planning what to do
  - Brainstorming session
  - Establishing objectives
  - Considering inputs from implementation

- **Do**
  - Implementing what is planned
  - Task execution according to plan

- **Check**
  - Review if the actions are correctly done
  - Monitor the implementation
  - Gather data

- **Act**
  - Analyze the data gathered
  - Check if it meets objectives
  - Make conclusions and recommendations
# Asbestos Management - Principles / Phases

## Phase 1: Investigation and Planning
- Responsibilities, Organigram
- Investigation of Buildings, Asbestos catalog
- Risk Assessment
- Working Plan, Working Methods, Safety Program
- Qualification of Contractors / Key Persons

## Phase 2: Operational Tasks
- Construction Site, Working Areas
- Enclosures, Air Locks
- Negative Pressure System, Filtering of Exhaust Air
- Personal Protective Equipment
- Cleaning Technologies, Waste Disposal

## Phase 3: Supervising / Controlling
- Accompanying Controlling
- Measurements / Monitoring

## Phase 4: Lack Management
- Documentation
- Communication
- Training
Managing or Removing Asbestos?


(„Investigation of constructions on pollutants and other injurious factors - Inspections“)
Managing or Removing Asbestos?
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Principles:

- Negative Pressure and directed airflow
Managing or Removing Asbestos?
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Asbestos fibre at a magnification of 5000x
Managing or Removing Asbestos?