

Suva – insurance plus



Prevention – Insurance – Rehabilitation

suva
insurance plus

Suva – more than just insurance

A comprehensive range of services



suvarisk
safely insured



suvacare
safe care



suvapro
working safely



suvaliv
leisure time safety

suva

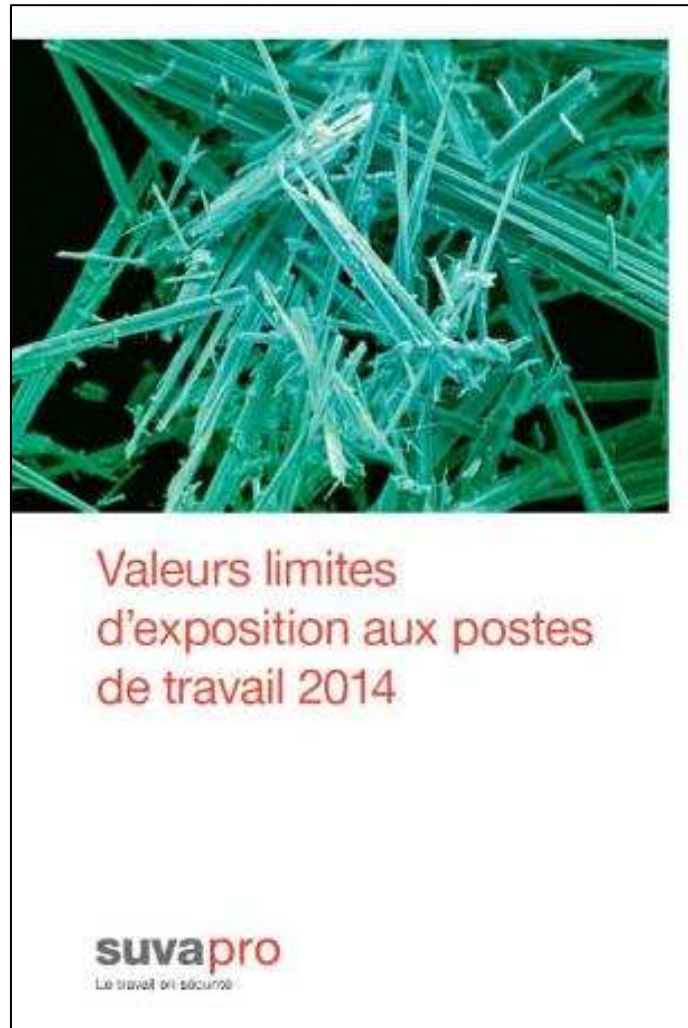
Preventing occupational accidents & occupational diseases



Examples:

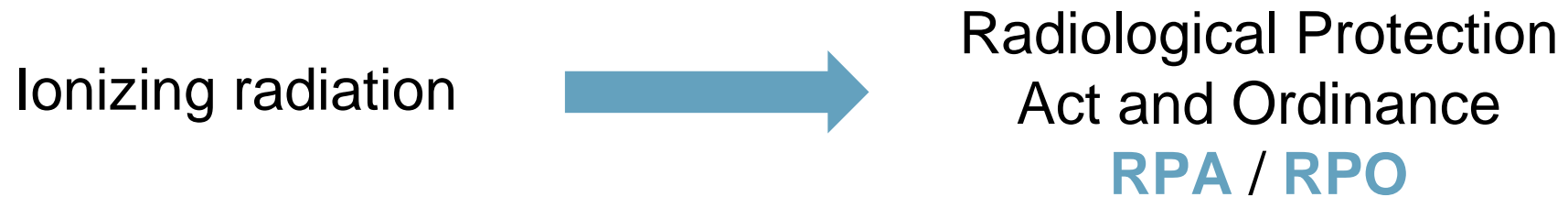
- Occupational asthma
- Eczema
- Diseases caused by the previous effect of asbestos
- Hearing impairment caused by noise
- ...
- Diseases caused by ionizing radiations

Exposure limit values at workplaces



www.suva.ch/waswo/1903

Chapter 3 – Physical influences



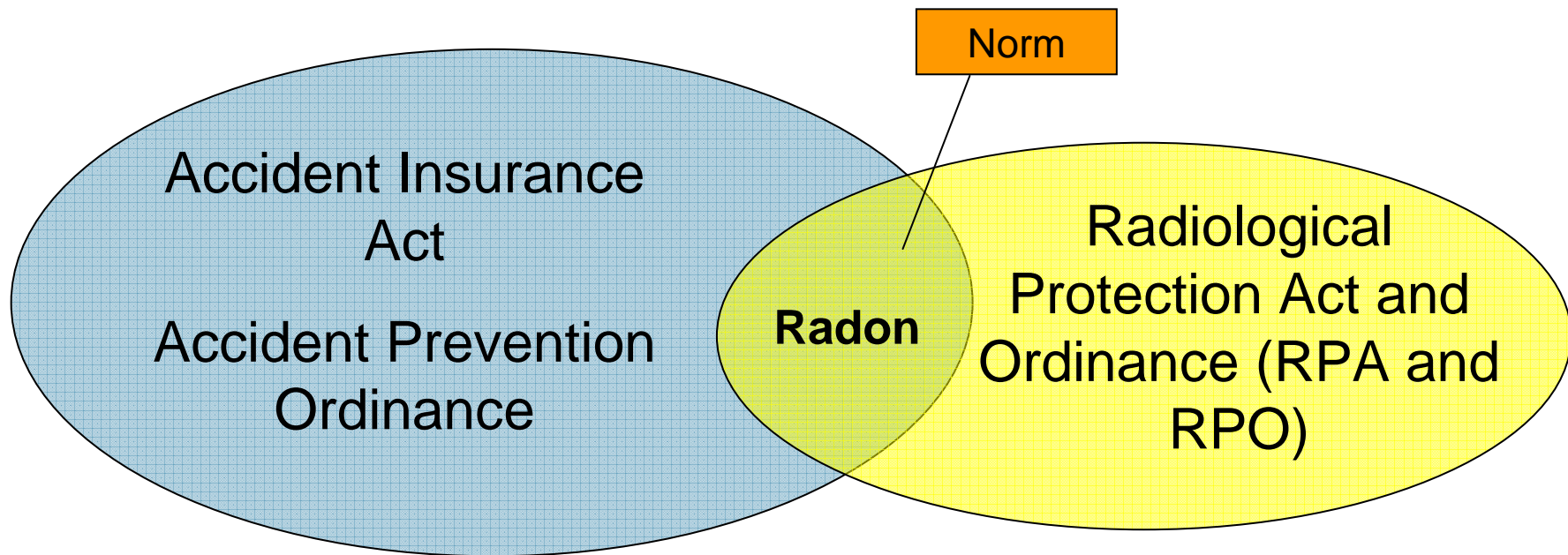
- Limit values for occupational exposure to airborne activity (occupational safety)

 Suva – radiation protection team

- Limit values for radioactive substances in the environment (protection of the public)

 FOPH

Radon



Radon - Today



limit value 3000 Bq/m³
averaged over a monthly working period

Radon - Tomorrow

reference value 1'000 Bq/m³

< 1000 Bq/m³

ALARA principle applies



> 1000 Bq/m³ → information of the supervisory authority

Measures to reduce the radon exposure and estimation of the monthly time-integrated radon exposure (Bq · h / m³)

If this value is

< 170 kBqh/m³

ALARA principle applies

> 170 kBqh/m³





planned exposure situation (dose limits)

+ re-estimation of the risk every 5 years at least

New category of workplaces

Radon prone workplaces

Obligation to do a radon risk assessment (measurement)

- Army 
- Mining 
- Waterworks  work in progress
- Underground workplaces 

Why 1'000 Bq/m³?

- Continuity
- Exposure time is different
- Geological situation

- Activity concentration and NOT a mean value
 - alarm value
 - easier to determine (flexible working time and workplaces)

- Monthly time-integrated radon exposure
 - working time can vary very much over the year
 - dosimetry

The most important prevention tools

**Communication
Raising awareness**

E.g. publications, check-lists

**Training
Competency**

**E.g. training offers for safety
officers, apprentices**

**Enforcement
Inspection**

**E.g. workplace inspections (not
only radiation protection!)**

Key points for discussion

- Communicate of the new reference level
- How to reach the employers?
- Training and supervision of the laboratories