

## **NORM in the revised Swiss radiological legislation**

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### **Abstract**

The federal office of public health FOPH has started the revision of all its radiological protection ordinances in 2011. The idea of this project was to integrate the new Council Directive 2013/59/Euratom BSS of 5 December 2013 in the Swiss legislation as well as to keep a pragmatic usable radiological protection legislation.

As Switzerland is not part of the European Union it has no obligation of integrating this directive fully. However, as IAEA member state, from which the European directive derives, a certain pressure exists that at least key concepts of the BSS should be integrated. Moreover, it is essential for Switzerland to have a compatible legislation, especially regarding commercially available materials with transboundary movement such as building material which could contain NORM or free released material. The compatibility of legislation regarding radon or the exposition of workers to ionising radiation is necessary too.

NORM was either exempted from the radiological protection legislation or dealt with as artificial radioactivity under the past legislation. The new legislation takes over the clearance values of 1 Bq/g for NORM as well as several other provisions such as:

- Licensing of practice for specific cases including relevant discharges
- Identification of practices involving NORM
- Activity concentration index for building material

Several end of life management options for NORM are possible under the new regulation which is thought to be enforced as of 2017.