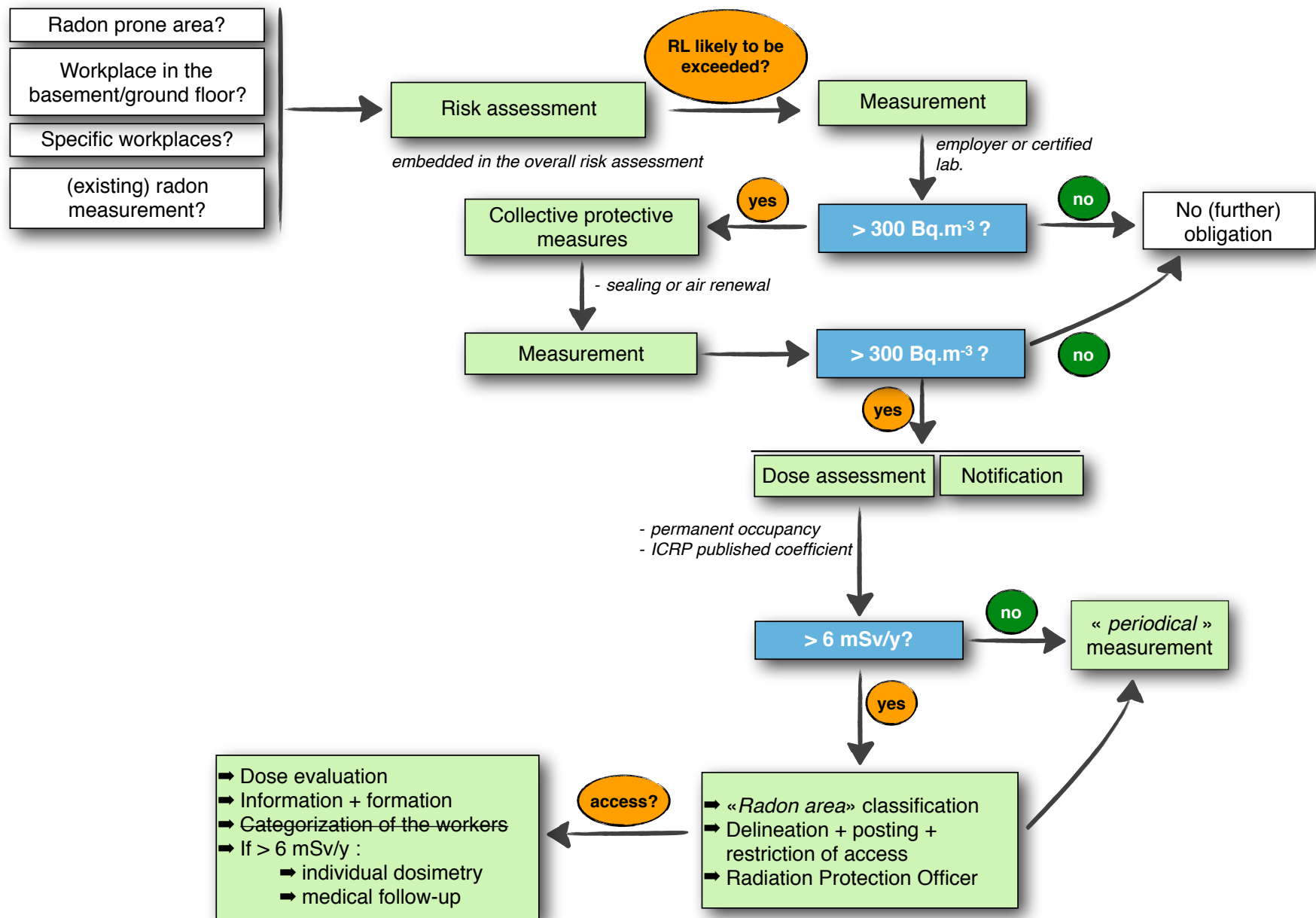


The French graded approach for the management of radon exposure in workplaces

Sylvain ANDRESZ
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The French graded approach for the management of radon exposure in workplaces

- Management of radon integrated in the general framework for the protection of workers
- Grading: in the level of details of the analysis, the radiological assessment, the RP measures and supervision:
 - 1st step: documentary analysis ; risk assessment
 - 2nd step: management based on the radon concentration (RL1);
 - 3rd step: management based on the radon exposure (RL2)
 - 4th step: enhanced protection system ($\neq$ RP system)
- Potential issue: grading implies to enlarge the scope of RP
 - (numerous) Activities outside the world of RP concerned by the extension of regulation (ex. bakery in the Limousin);
 - How to outreach? how to communicate?
 - Professionals with experience to remediate situations are not numerous in France
 - What is a “*workplace*” actually? (liberal, telecommuting, ...)

The French graded approach for the management of radon exposure in workplaces

- Grading implies different steps
 - Focus on the values (magic numbers) – and their interpretation
 - Graded approach in a continuum of risk?
 - RP actions can be implemented even $< RL$

- Grading in the context of other risks
 - ICRP dose coefficient ($3 \text{ mSv/mJ.h.m}^{-3}$): increases in the number of situations liable to $> 6 \text{ mSv/y}$
 - Radon exposure compared with “usual” exposures (ex. in a nuclear installation)
 - Possible to share the experience of workplaces prone to radon exposure (mine etc.)?