



European Radon Solutions Database

Prepared by

: *ERRICCA 2 European Radon Research and Industry Collaboration Concerted Action*
European Commission Contract N°: FIRI-CT-2001-20142

To assist property owners, surveyors, construction professionals and others involved in specifying or carrying out works to reduce indoor radon levels in existing buildings the ERRICCA 2 group are developing the **European Radon Solutions Database**. It is hoped that the database will be expanded to include examples from all European countries.

The database will be in two parts:

Part 1. Case study examples

This will include examples of reduction measures that have been installed in buildings across Europe. Each case study will include :-

- a description and illustration of the technique used,
- an explanation of the factors determining the selection of the solution,
- a description of any pre-installation diagnosis undertaken,
- details of the radon reduction achieved,
- description of problems encountered during installation or since the system has been installed,
- suggestions for things that might be done to improve the solution in terms of increased radon reduction or improved acceptability for the building user,
- and identify who to contact for further information.

Part 2. Generic technical solutions

This will include specification sheets for the most common methods of reduction used in Europe and will include :-

- a brief description and illustration of the system, where it is located and how it works
- brief explanation of the factors for selecting this solution,
- description of any diagnosis testing or measurement that might be useful to carry out prior to installation to check the suitability of the solution to the building,
- an indication of the radon reduction achievable with the solution,
- reasons why the system might not be suitable for the property or might not adequately reduce the radon level,
- common reasons why the solution/system might fail,
- details of system enhancements that can increase radon reduction or improve acceptability for the building user,
- and identify who to contact for further information.

The case study examples included within the database are supplied by building owners, research organisations and contractors who have undertaken radon reduction measures in Europe. **If you would like to contribute to the database** you can do so by downloading and completing the template (Microsoft Word[®]) attached. When completed E-Mail it to your national ERRICCA representative. You will need to supply two copies of the information, one in your National Language and one in English. All submissions will be considered by the ERRICCA group for inclusion.

We are looking for a wide range of examples so you may send in as many completed forms as you wish. Whilst we have no problem in contractors or suppliers giving their company contact details on the form, excessive publicity will not be permitted. The ERRICCA group will also assume that information is supplied with appropriate permission from the property owner to allow details to be made available on the Database.