

Is nature radioactive?

What have plagues of insects got to do with radiations?

And nuclear energy with elevators?

Are nuclear power plants dangerous?

How does the Nuclear Safety Council maintain its oversight?

The answers to these questions may be found at the CSN Information Centre



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The Nuclear Safety Council Information Centre



The Nuclear Safety Council **Information Centre** is an interactive facility that explains to the visitor what ionising radiations are, the use to which they are put and the risks they entail, as well as the functions of the organisation in charge of nuclear safety and radiological protection in Spain.



Through a guided tour of the centre's 29 modules, the visitor learns of various different aspects relating to ionising radiations. We use radiation with enormous frequency in our daily lives, both in relation to healthcare and medicine – in diagnosis and therapy – and in industry and research.



The CSN Information Centre aims to provide its visitors with an understanding of ionising radiations and their uses and risks, as well as of the protection that is required to guarantee safety in their application.



The **CSN** is the Spanish organisation solely responsible for nuclear safety and radiological protection. Its mission is to protect the workers, the public and the environment against the harmful effects of ionising radiations, ensuring that the country's nuclear and radioactive facilities are operated safely by the licensees and establishing the necessary prevention and correction measures to respond to radiological emergencies, regardless of their origin.

Area 1

Natural radiation

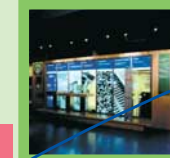
- History
- Atoms and radiation
- Introduction to the science. Deduction without seeing
- A world of radiations
- Natural radiation
- Measuring radiation. Measuring radioactivity
- Bathed in radiations



Area 2

Artificial radiation

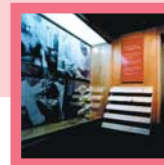
- Fission energy: nuclear power plants
- The fuel cycle. The metamorphosis of uranium
- Industry: industrial applications of radioisotopes
- Medicine. Ionising radiations
- Other uses



Area 3

Risks and servitude

- The notion of risk. Do we live dangerously?
- Radioactivity and living beings
- The risks and servitude of nuclear management
- What can be done with radioactive waste?
- Potential risks. Learning from management
- The international nuclear and radioactive events scale



Area 4

The Nuclear Safety Council

- What is the CSN?
- Public communication
- The CSN inside
- Safety criteria
- Actions
- Radiological protection. Avoiding radiations
- Environmental surveillance
- Emergency plans
- R&D

