



THE FRENCH NUCLEAR SAFETY AUTHORITY

2023

ROLES
OPERATIONS
KEY FIGURES
ASN ORGANISATION CHART

Created by the 13 June 2006 Nuclear Transparency and Security Act, ASN is an independent administrative Authority responsible for regulating civil nuclear activities in France.

On behalf of the State, ASN ensures the oversight of nuclear safety and radiation protection to protect people and the environment. It informs the public and contributes to enlightened societal choices.

ASN decides and acts with rigour and discernment: its aim is to exercise oversight that is recognised by the citizens and regarded internationally as a benchmark for good practice.

Roles

REGULATING

ASN contributes to drafting regulations, by submitting its opinion to the Government on draft decrees and Ministerial Orders, and by issuing technical regulations. It ensures that the regulations are clear, accessible and proportionate to the safety issues.

AUTHORISING

ASN examines all individual license applications for nuclear facilities. It grants licenses and authorisations, with the exception of major authorisations for Basic Nuclear Installations (BNIs), such as creation and decommissioning. ASN also issues the licenses provided for in the Public Health Code concerning small-scale nuclear activities and issues licenses or approvals for radioactive substances transport operations.

MONITORING

ASN is responsible for ensuring compliance with the rules and requirements applicable to the facilities and activities within its field of competence. Since the Act of 17 August 2015 on energy transition for green growth, known as the "TECV Act", ASN's roles now include protecting ionising radioactive sources against malicious acts. Inspection is ASN's primary monitoring activity. In 2023, 1,790 inspections were thus performed by ASN in the fields of nuclear safety and radiation protection.

ASN has graded enforcement and penalty powers (formal notice, administrative fines, daily fines, ability to carry out seizure, take samples or require payment of a guarantee, etc.). The administrative fine is the competence of the ASN Administrative Enforcement Committee, which complies with the principle of the separation of the examination and sentencing functions.

INFORMING

ASN reports on its activities to Parliament. It informs the public and the stakeholders (environmental protection associations, Local Information Committees, media, etc.) about its activities and the state of nuclear safety and radiation protection in France.

ASN enables all members of the public to take part in the drafting of its decisions with an impact on the environment.

It supports the actions of the Local Information Committees set up around the nuclear installations. The *asn.fr* website is ASN's main information channel.

IN EMERGENCY SITUATIONS

ASN monitors the steps taken by the licensee to make the facility safe. It informs the public and its foreign counterparts of the situation. ASN assists the Government. More particularly, it sends the competent Authorities its recommendations regarding the civil security measures to be taken.

REGULATION AND MONITORING OF DIVERSIFIED ACTIVITIES AND FACILITIES

Nuclear power plants, radioactive waste management, fabrication and reprocessing of nuclear fuel, packages of radioactive substances, medical facilities, research laboratories, industrial activities, etc. ASN monitors and regulates an extremely varied range of activities and installations.

This regulation covers:

- 56 nuclear reactors producing 70% of the electricity consumed in France, as well as the Flamanville EPR reactor under construction;
- about 80 other facilities participating in civil research activities, radioactive waste management activities or "fuel cycle" activities;
- 36 facilities which have been finally shut down or are being decommissioned;
- several thousand facilities or activities using sources of ionising radiation for medical, industrial or research purposes;
- several hundred thousand shipments of radioactive substances performed annually in France.

EXPERT SUPPORT

When drawing up its decisions, ASN calls on outside technical expertise, in particular that of the French Institute for Radiation Protection and Nuclear Safety (IRSN). The ASN Chairman is a member of the IRSN Board. ASN also calls on the opinions and recommendations of seven Advisory Committees of Experts (GPEs), from a variety of scientific and technical backgrounds.

Operations

THE COMMISSION

The Commission defines ASN's general policy regarding nuclear safety and radiation protection. It consists of five Commissioners, including the ASN Chairman, appointed for a term of 6 years^(*).

Bernard DOROSZCZUK Chairman	Stéphanie GUÉNOT BRESSON ^(*) Commissioner	Géraldine PINA ^(*) Commissioner	Olivier DUBOIS ^(*) Commissioner	Jean-Luc LACHAUME ^(*) Commissioner
from 13 November 2018 to 12 November 2024	from 10 December 2023 to 9 December 2029	from 15 December 2020 to 9 December 2026	from 29 January 2024 to 9 December 2029	from 21 December 2018 to 9 December 2026
↓ APPOINTED BY the President of the Republic			↓ APPOINTED BY the President of the Senate	↓ APPOINTED BY the President of the National Assembly

* The Environment Code, modified by Act 2017-55 of 20 January 2017, introducing the general status of the independent administrative Authorities and the independent public Authorities, provides for the renewal of half of the ASN Commission, other than its Chairman, every three years. Decree 2019-190 of 14 March 2019 (codifying the provisions applicable to BNIs, the transport of radioactive substances and transparency in the nuclear field) sets out the relevant interim provisions and modifies the duration of the mandates of three Commissioners.

IMPARTIALITY

The Commissioners perform their duties in complete impartiality and receive no instructions from either the Government or any other person or institution.

INDEPENDENCE

The Commissioners perform their duties on a full-time basis. Their mandate is for a six-year term. It is not renewable. The duties of a Commissioner can only be terminated in the case of impediment or resignation duly confirmed by a majority of the Commissioners. The President of the Republic may terminate the duties of any member of the Commission in the event of a serious breach of his or her obligations.

COMPETENCIES

The Commission takes decisions and issues opinions, which are published in ASN's *Official Bulletin*. The Commission defines ASN's oversight policy. The Chairman appoints the ASN inspectors. The Commission decides whether to open an inquiry following an incident or accident.

Every year, it presents Parliament with the *ASN Report on the state of nuclear safety and radiation protection in France*. Its Chairman reports on ASN activities to the competent committees of the National Assembly and of the Senate and to the Parliamentary Office for the Evaluation of Scientific and Technological Choices. The Commission defines ASN's external relations policy at national and international level.

THE DEPARTMENTS

ASN comprises departments placed under the authority of its Chairman. The departments are headed by a Director General, appointed by the ASN Chairman. They carry out ASN's day-to-day duties and prepare draft opinions and decisions for the ASN Commission. They comprise:

- **head office departments organised according to topics**, which oversee their field of activity at a national level, for both technical and transverse matters (international action, preparedness for emergency situations, information of the public, legal affairs, human resources and other support functions). They more specifically prepare draft doctrines and texts of a general scope, examine the more complex technical files and the "generic" files, in other words those which concern several similar facilities;
- **11 regional divisions**, with competence for one or more administrative regions, so as to cover the entire country and the overseas territories. The regional divisions conduct most of the oversight in the field on the nuclear facilities, radioactive substances transport operations and small-scale nuclear activities. They represent ASN in the regions and contribute to public information within their geographical area. In emergency situations, the divisions assist the Prefect of the *département*^(**) who is responsible for the protection of the population, and oversee the operations to safeguard the facility affected by the accident.

** Administrative region headed by a Prefect.

ASN in 2023



PERSONNEL

521 staff members

48% women

86% management

307 inspectors



BUDGET

€71.62 M

budget for ASN
(programme 181)

€85.1 M

IRSN budget devoted to
expert assessment work
on behalf of ASN



ASN ACTIONS

1,790 inspections

398

IRSN deliverables
submitted to ASN,
including **183** expert
assessment opinions

26

plenary sessions of the
Advisory Committees
of Experts

1,940

individual licensing
and registration
resolutions issued

30,022

inspection follow-up
letters available on *asn.fr*
as at 31 December 2023



INFORMING

656 replies to queries
from the public and
the stakeholders

84

information
notices

11

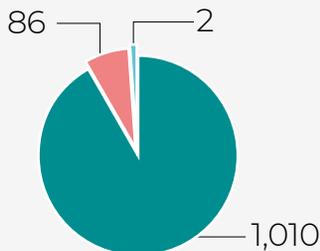
press
conferences

NUMBER OF SIGNIFICANT EVENTS IN 2023

RATED ON THE INES SCALE (*)

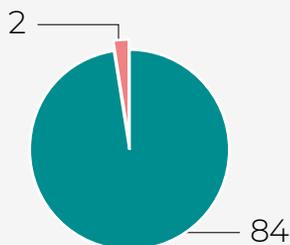
BASIC NUCLEAR INSTALLATIONS

1,098
events



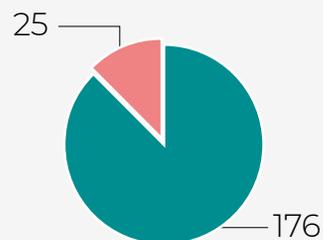
TRANSPORT OF RADIOACTIVE SUBSTANCES

86
events



SMALL-SCALE NUCLEAR ACTIVITIES (medical and industry)

201
events



● Level 0 ● Level 1 ● Level 2

* The INES scale (International Nuclear and Radiological Event Scale) was developed by the International Atomic Energy Agency (IAEA) to explain to the public the importance of an event in terms of safety or radiation protection. This scale applies to events occurring in BNIs and events with potential or actual consequences for the radiation protection of the public and workers. It does not apply to events with an impact on the radiation protection of patients, and the criteria normally used to rate events (notably the dose received) are not applicable in this case.

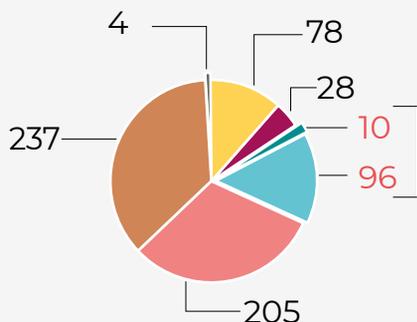
As it was pertinent to be able to inform the public of radiotherapy events, ASN – in close collaboration with the French Society for Radiotherapy and Oncology – developed a scale specific to radiotherapy events (ASN-SFRO scale).

These two scales cover a relatively wide range of radiation protection events, with the exception of imaging events.

IN THE MEDICAL FIELD

658

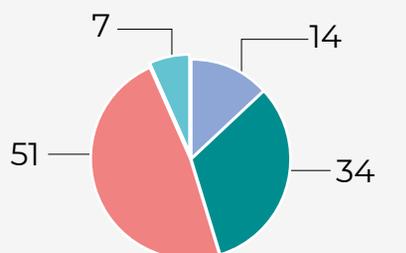
significant events
per area of exposure



- BRACHYTHERAPY
- EXTERNAL-BEAM RADIOTHERAPY
- NUCLEAR MEDICINE
- COMPUTED TOMOGRAPHY
- DENTAL RADIOLOGY
- CONVENTIONAL RADIOLOGY
- FLUOROSCOPY-GUIDED INTERVENTIONAL PRACTICES

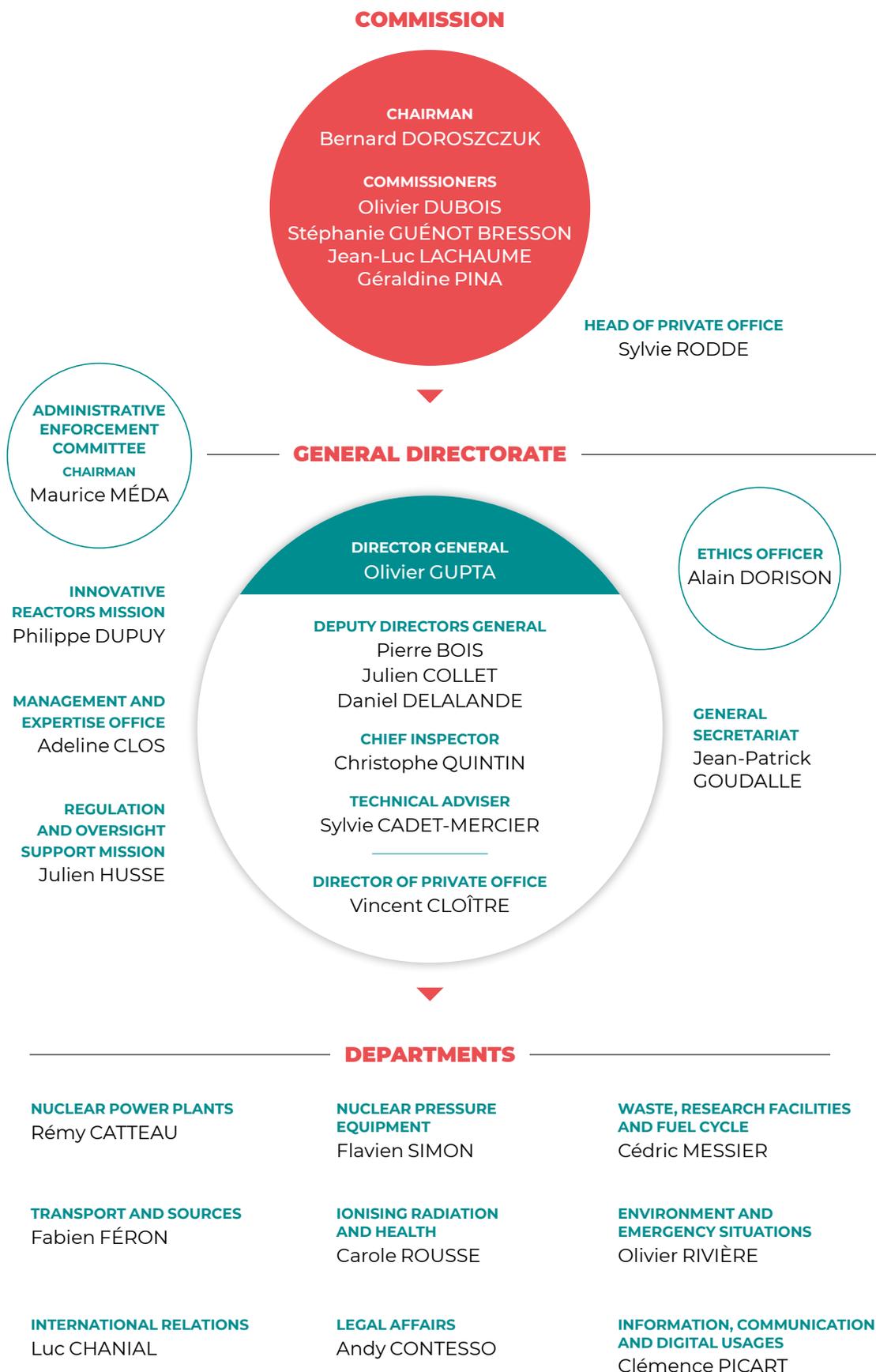
106

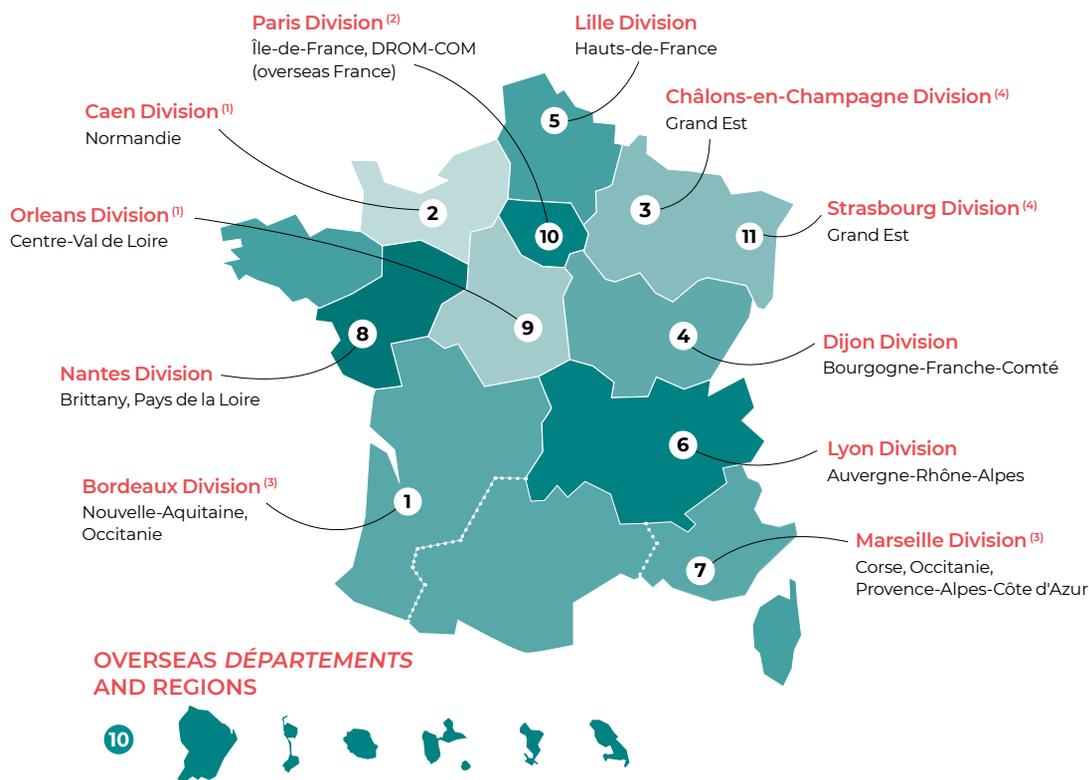
significant events in external beam
radiotherapy and brachytherapy
according to the rating on the ASN-SFRO scale



● Out of scale ● Level 0 ● Level 1 ● Level 2

Organisation Chart^(*)





- (1) For BNI oversight only, the Caen and Orléans divisions hold responsibility for the Bretagne and Île-de-France regions respectively.
- (2) The Paris division is responsible for Martinique, Guadeloupe, Guyane, Mayotte, La Réunion, Saint-Pierre-et-Miquelon.
- (3) The Bordeaux and Marseille divisions jointly regulate nuclear safety, radiation protection and the transport of radioactive substances in the Occitanie region.
- (4) The Châlons-en-Champagne and Strasbourg divisions jointly regulate nuclear safety, radiation protection and the transport of radioactive substances in the Grand Est region.

REGIONAL DIVISIONS

<p>1</p> <p>BORDEAUX</p> <p>REGIONAL REPRESENTATIVE Vincent JECHOUX</p> <p>REGIONAL HEAD Paul de GUIBERT</p>	<p>2</p> <p>CAEN</p> <p>REGIONAL REPRESENTATIVE Olivier MORZELLE</p> <p>REGIONAL HEAD Gaëtan LAFFORGUE</p>	<p>3</p> <p>CHÂLONS-EN-CHAMPAGNE</p> <p>REGIONAL REPRESENTATIVE Hervé VANLAER</p> <p>REGIONAL HEAD Mathieu RIQUART</p>
<p>4</p> <p>DIJON</p> <p>REGIONAL REPRESENTATIVE Olivier DAVID</p> <p>REGIONAL HEAD Marc CHAMPION</p>	<p>5</p> <p>LILLE</p> <p>REGIONAL REPRESENTATIVE Julien LABIT</p> <p>REGIONAL HEAD Rémy ZMYSLONY</p>	<p>6</p> <p>LYON</p> <p>REGIONAL REPRESENTATIVE Jean-Philippe DENEUVY</p> <p>REGIONAL HEAD Nour KHATER</p>
<p>7</p> <p>MARSEILLE</p> <p>REGIONAL REPRESENTATIVE Sébastien FOREST</p> <p>REGIONAL HEAD Mathieu RASSON</p>	<p>8</p> <p>NANTES</p> <p>REGIONAL REPRESENTATIVE Anne BEAUVAL</p> <p>REGIONAL HEAD Émilie JAMBU</p>	<p>9</p> <p>ORLÉANS</p> <p>REGIONAL REPRESENTATIVE Hervé BRÛLÉ</p> <p>REGIONAL HEAD Albane FONTAINE</p>
<p>10</p> <p>PARIS</p> <p>REGIONAL REPRESENTATIVE Emmanuelle GAY</p> <p>REGIONAL HEAD Agathe BALTZER</p>	<p>11</p> <p>STRASBOURG</p> <p>REGIONAL REPRESENTATIVE Hervé VANLAER</p> <p>REGIONAL HEAD Camille PERIER</p>	

* As at 1 March 2024.

For more information, log on to



You can also follow ASN on social media



Competence
Independence
Rigour
Transparency

