



Joint KINS-IAEA-ANNuR/ANSN/FNRBA Basic Professional Training Course on Nuclear Safety. Korea, Daejeon, 19- 30 September 2022

- ❑ **COULIBALY FOUNDERE, Ph D, cf.coulibaly@arsn.ci**
- ❑ **GOGON Huberson, Ph D, dh.gogon@arsn.ci**
- ❑ **CÔTE D'IVOIRE, AUTORITÉ DE RADIOPROTECTION, DE SÛRETÉ ET SÉCURITÉ NUCLÉAIRES (ARSN)**



PLAN



2

LEGAL HIERARCHY

LEGISLATIVE AND REGULATORY FRAMEWORK

NATIONAL NUCLEAR LEGISLATION AND REGULATIONS

PROMULGATED

NATIONAL NUCLEAR REGULATION UNDER DEVELOPMENT

INSTITUTIONAL FRAMEWORK

PROCESS FOR DEVELOPMENT OF REGULATORY REQUIREMENTS

INTERNATIONAL LEGAL INSTRUMENTS



LEGAL HIERARCHY



3

- **CONSTITUTION**
- **TREATIES OR INTERNATIONAL LEGAL INSTRUMENTS**
- **LAWS**
- **ORDONNANCES**
- **DECREES**
- **ORDERS**
- **DECISIONS**



NATIONAL NUCLEAR LEGISLATION AND REGULATIONS PROMULGATED

- Law N° 2013-701 of October 10th, 2013 on « NUCLEAR SAFETY AND SECURITY AND PROTECTION AGAINST THE DANGERS OF IONIZING RADIATION »
- DECREE N°2014-361 ON JUNE 12, 2014, ON THE "ORGANIZATION AND FUNCTIONING OF THE RADIATION, SAFETY AND NUCLEAR SECURITY AUTHORITY (ARSN)"
- DECREE N° 2014-362 ON JUNE 12th, 2014 OF APPLICATION OF THE LAW N° 2013-701

Some act, orders on authorization, inspection, training of users, conditions based to designe the RPO



NATIONAL NUCLEAR REGULATION UNDER DEVELOPMENT

- DRAFT OF DECREE ON “THE PHYSICAL PROTECTION OF RADIOACTIVE MATERIALS”
- DRAFT OF DECREE ON THE SECURITY AND THE SAFETY TRANSPORT OF RADIOACTIVE MATERIEL
- DRAFT OF ORDER ON QUALITY CONTROL IN RADIODIAGNOSTICS



INSTITUTIONAL FRAMEWORK

- **OUR REGULATORY AUTHORITY (ARSN)**

The law n ° 2013-701 of October 10th, 2013 creates in her Article 6 states: "An independent administrative authority with legal personality and financial autonomy “

- SOME OF OUR REGULATORY AUTHORITY (ARSN) MISSIONS

- The Decree No. 2014-361 on June 12th 2014 specifies in its article 3 : "The ARSN Its mission is to implement and coordinate the Government's policy on the management and control of activities related to the use of ionizing radiations.



- to develop regulations, guides and codes of practice, good practice in radiation protection and security for the activities and practices permitted, as well as ensure their implementation
- to ensure the safety and security of the transport of radioactive
- to issue authorizations and carry out inspections
- to collaborate with the competent authorities in setting up a national security



- to establish a categorization of sources and to keep up to date the national register of radioactive sources
- to define, update and implement in collaboration with the competent bodies, an emergency plan in case of accident
 - to establish with the national authorities and the international organizations responsible for radiation protection and nuclear safety the cooperation necessary to carry out its mission
- to carry out the technical missions of radioprotection (the individual dosimetry, control of medical exposure)

ORGANIGRAMME

9

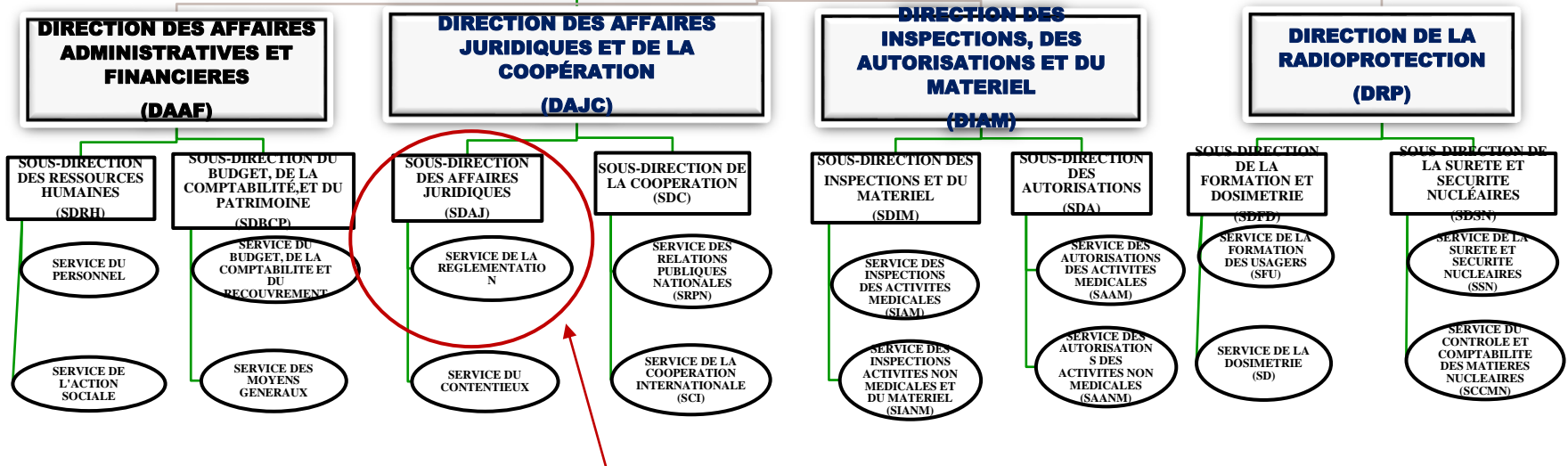
CONSEIL DE REGULATION

DIRECTEUR GENERAL

CABINET DU DIRECTEUR GÉNÉRAL
- Un Conseiller Technique
*Chargé du suivi des Dossiers du DG,
des Services rattachés et des Antennes*

- SERVICE DE LA
PLANIFICATION, DES
STATISTIQUES ET DE
L'EVALUATION
SERVICE COURRIER

- SERVICE DE L'AUDIT ET DE
L'ASSURANCE QUALITÉ
- SERVICE DES SYSTEMES
D'INFORMATION ET DE LA
COMMUNICATION



Pilote la rédaction des textes

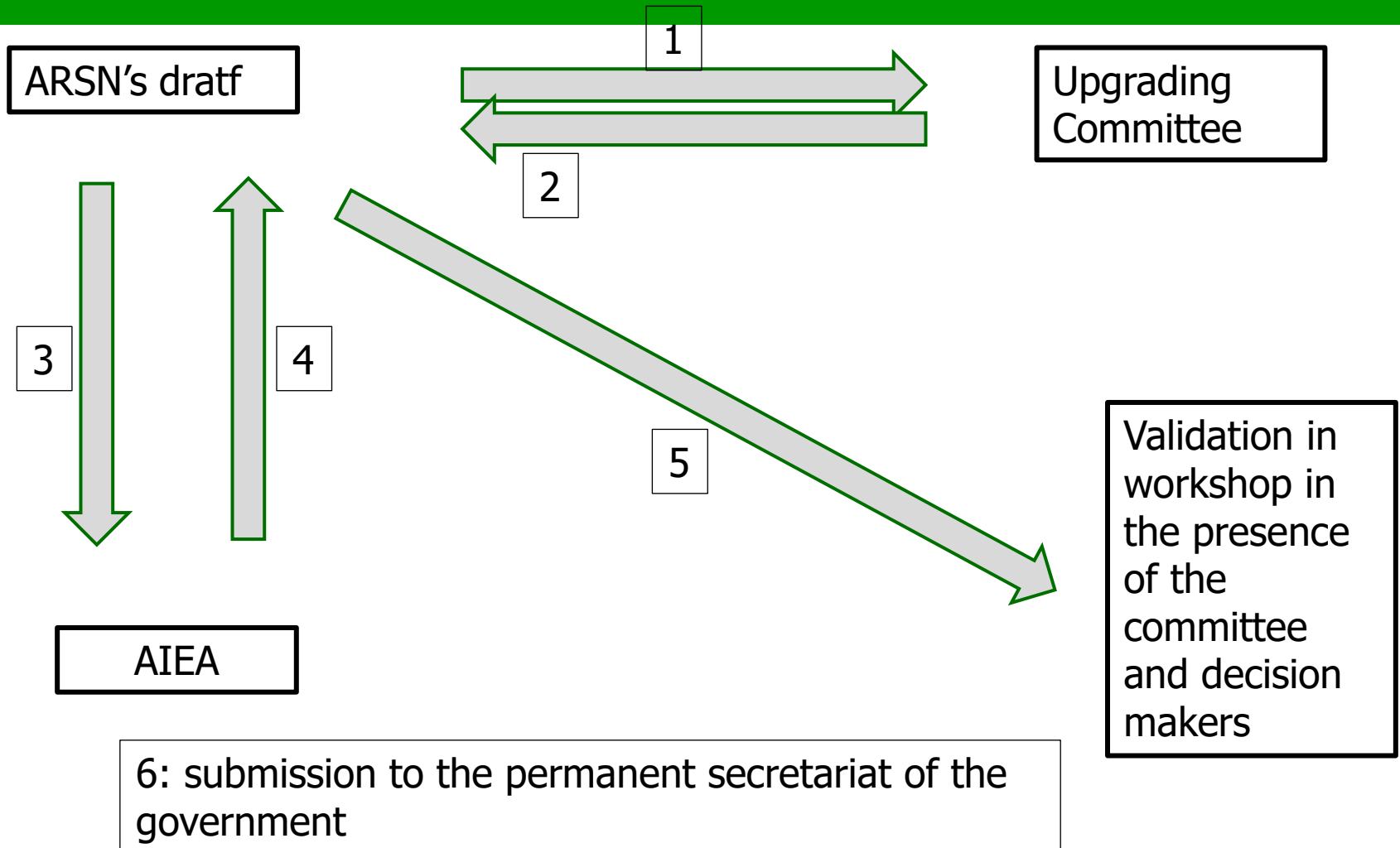
PROCESS FOR DEVELOPMENT OF REGULATORY REQUIREMENTS

10

- **Order No. 00109/MSHPCMU/CAB/ARSN of 16/06/2022 creates the National Regulatory Framework Upgrade Committee**
- **The committee is a multi-disciplinary team of government agencies and operators including the ARSN drafting team**
- **the ARSN drafting team initiates the drafting of texts and then submits them to the committee for its comments**

PROCESS FOR DEVELOPMENT OF REGULATORY REQUIREMENTS

11



INSPECTION PROGRAM

12

- **An inspection program is established during year n-1 to be implemented in year n+1**
- **the implementation of the program depends on its financing which can be partial or total**



INTERNATIONAL LEGAL INSTRUMENTS



13

CPPNM: Convention on the Physical Protection of Nuclear Material/(Amendment)		
Ratified: 06-12-2011	Adhesion : 17-10-2012	Enter into force 16-11-2012
CPPNM/A: Convention on the Physical Protection of Nuclear Material/(Amendment)		
Ratification: 06-12-2011	Adhesion : 08-05-2016	Enter into force: 08-05-2016
ICSANT : International Convention for the Suppression of Acts of Nuclear Terrorism		
Ratification: 06-12-2011	Adhesion : Ongoing Process	Enter into force: ongoing process
CODE DE CONDUITE: Code of Conduct on the Safety and Security of Radioactives Sources		
Soutenu: novembre 2011	Nomination du point focal: 2011	
PROTOCOLE ADDITIONNEL on the application of safeguards in the context of the Treaty on the Non-Proliferation of Nuclear Weapons		
Ratification: 18-12-2015		Enter into force: 05-05-2016
UNSCR 1540: United Nations Charter as set out in Security Council Resolution 1540		
Regular reports since March 2010		



CONCLUSION



14

Côte d'Ivoire is firmly engaged for peaceful use of radioactive sources and other nuclear materials.

Côte d'Ivoire needs :

- **TRAINING**
- **STAFF DEVELOPMENT**
- **INSTRUMENT**
 - acquisition of material of detection and other materials constitute projects
- **Some partners :(former GTRI, US-NRC, AIEA, FNRBA, KINS (South Korea).**

