



**AUTORITE NATIONALE DE
RADIOPROTECTION ET DE
SURETE NUCLEAIRE**

**NATIONAL REPORT RELATED THE NON IONIZATION
RADIATIONS**

This National Report summary the regulatory activities in Burkina related to the protection of the public and the workers and the environment Faso about the electromagnetic field (EMF) during the last year.

- **General research activities related to non-ionizing radiation (NIR) health**

Concerning the research activities, the Burkina cannot assign something in the EMF health domain now.

- **New policies and legislations regarding NIR exposure**

- The law n°032-2012/AN of the 8th June 2012 on nuclear safety and security and safeguard provides the general requirements for the NIR exposition.
- The law N°006-2013/AN of the 2nd April 2013 provides in article 101 the control the non-ionizing sources.
- We are drafting a new decree about the EMF exposition. This decree will provide the general principles of protection of the public and, the workers and the environment against the non-ionizations radiation.
- We are drafting also a decree about the funding the different activities of the National Authority in EMF protection field. This text will allow us to fund the EMF explosion checks and evaluations for more protection of the general public.

- **Areas of public concern and national responses**

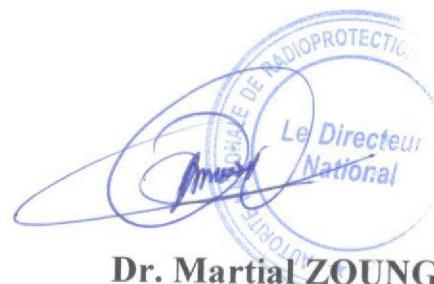
- The National Authority of Radiation protection and Nuclear Safety (ARSN) enforces its gents in EMF domain. During the summer 2017 one agent obtains some capabilities improvement by the participation to the training about the EMF exposition evaluation following the in situ protocol at *Agence nationale des Radiofréquences* (ANFR) of France. The same training in France will concern the exposition of the Base Transmission System (BTS) antenna simulation by specific software during the summer 2018 with the funding support of the Embassy of France at Burkina. After this training the ARSN will be able to estimate the emission of the mobile network antenna before the commissioning of the facility or start of the activity.
- The ARSN commits the process for the acquisition of new EMF evaluation equipment.
- The national meeting will be organised by December for the validation of the both decrees.
- The ARSN was inventorying the national experts in the different domain about EMF exposure for the World Health Organization (WHO).

- **New public information activities**

The staff of the National Authority have gotten the training about the process of the international standards, the in situ protocol for the general public EMF exposition evaluation during winter 2017.

The National Authority for Regulation of Electronic Communication (ARCEP) has done an evaluation and the sensitization of the national Judges. But this evaluation does not use the professional equipment and does not specify the evaluation method.

National Head



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