



African Commission on Nuclear Energy

Unit B2003, Corobay Corner Building, 169 Corobay Avenue, Waterkloof Glen
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NUCLEAR SAFETY & SECURITY in AFRICA

AFCONE COLLABORATING CENTRES

The Parties to the Pelindaba Treaty, *Inter Alia*,

- ✓ *Desirous of taking advantage of article IV of the NPT, which recognizes the inalienable right of all States Parties to develop research on, production and use of nuclear energy for peaceful purposes without discrimination and to facilitate the fullest possible exchange of equipment, materials and scientific and technological information for such purposes,*
- ✓ *Determined to promote regional cooperation for the development and practical application of nuclear energy for peaceful purposes in the interest of sustainable social and economic development of the Africa continent,*
- ✓ *Determined to keep Africa free of environmental pollution by radioactive wastes and other radioactive matter,*
- ✓ *Welcoming the cooperation of all States and governmental and non-governmental organizations for the attainment of these objectives,*

Have decided by this Treaty to establish the African NWFZ and hereby agreed to implement its provisions

The Pelindaba Treaty allows and encourage Africa to develop its knowledge and the means needed to exploit nuclear energy for peaceful purposes.

In particular, it gives the African Commission on Nuclear Energy (AFCONE) the following mandate:

- *to promote peaceful use of nuclear energy thanks to relations with third countries and international organisations.*
- *to establish uniform safety standards for the protection of the health of the general public and workers.*
- *to promote research & development in nuclear science and technology and ensure the dissemination of technical knowledge.*

The Article 07 of the Pelindaba Treaty related to “Prohibition of dumping of radioactive wastes” specify the Obligation of the States Parties in the Field:

- a. *To effectively implement or to use as guidelines the measures contained in the Bamako Convention on the Ban of the Import into Africa and Control of Transboundary Movement and Management of Hazardous Wastes within Africa in so far as it is relevant to radioactive waste;*
- b. *Not to take any action to assist or encourage the dumping of radioactive wastes and other radioactive matter anywhere within the African nuclear-weapon-free zone.*



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The Article 10 of the Pelindaba Treaty related to “Physical protection of nuclear materials and facilities”, specify the following Obligations:

Each Party undertakes to maintain the highest standards of security and effective physical protection of nuclear materials, facilities, and equipment to prevent theft or unauthorized use and handling. To that end each Party, inter alia, undertakes to apply measures of physical protection equivalent to those provided for in the Convention on Physical Protection of Nuclear Material and in recommendations and guidelines developed by IAEA for that purpose.

The African Commission on Nuclear Energy (AFCONE),

- ✓ *Aware of the importance to the african and international community of ensuring that the use of nuclear energy is safe, well-regulated, and environmentally sound.*
- ✓ *Reaffirming the necessity of continuing to promote a high level of nuclear safety in Africa and worldwide.*
- ✓ *Aware that accidents at nuclear installations have the potential for transboundary impacts.*
- ✓ *Keeping in mind the Convention on the Physical Protection of Nuclear Material (1979), the Convention on Early Notification of a Nuclear Accident (1986), and the Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (1986).*
- ✓ *Affirming the importance of international co-operation for the enhancement of nuclear safety through existing bilateral and multilateral mechanisms and the establishment of the Convention on Nuclear Safety,*

Recognised the Need to Identify, Select and Designate African Collaborating Centres in Order to Assist Implementing the Activities in the Field of Nuclear Safety & Security.



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NUCLEAR SAFETY & SECURITY (NSS)

Fields in Which the African Collaborating Centres (RCC) Candidates Need to Demonstrate Experience and Expertise:

Introduction to Technical Scope of Safety Assessment:

To carry out analyses in context of the review and assessment process, the NSS-RCC plans, develops, and manages safety assessment and research programmes based on deterministic and probabilistic approaches.

The NSS-RCC develops and maintains expertise on experimental data and tools for numerical simulation analyses in a broad range of technical areas.

A NSS-RCC develops analytical capabilities for a wide spectrum of conditions, including normal operations, anticipated operational occurrences, and design-basis and beyond design basis and severe accident conditions for current, new, and advanced reactor designs, at all stages of their lifetime, as well as for other nuclear facilities and activities. It also involves quantifying margins and reducing uncertainties for areas of potentially high risk or safety significance. In its work, the NSS-RCC performs both deterministic and probabilistic safety reviews and assessments.

Research & Development is a core mission of the NSS - RCC, which have a primary role in conducting safety-oriented R&D. An essential characteristic of a RCC is its capability to perform R&D activities to support the regulatory body or other public authorities, e.g. those in charge of public health or the environment

To perform both the deterministic and probabilistic safety reviews and assessments, the NSS RCC conducts activities such as:

- *Reactor physics & Thermohydraulic safety analysis.*
- *Performance and reliability analysis & Analysis of accident sequences, severe accident phenomenology, accident source term analysis.*
- *Probabilistic safety assessment and/or probabilistic risk assessment.*
- *Safety analysis on system, instrumentation, automation, electrical and control.*
- *Fire safety.*



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- Hazards analysis (including natural hazards), e.g. Seismic analysis/structural analysis, site assessment.
- Environmental protection analysis, impact assessment.
- Radiation protection analysis: assessment of possible radiation risks and protection measures, assessment of measures intended for the optimization of protection.
- Assessment of operational protocols.
- Assessment of doses and health effects.
- Radioactive waste management.
- Human and organizational factor related risks analysis.
- Lessons learned and operational feedback analysis.
- Software analysis (verification, validation, and certification) used for substantiation of nuclear and radiation safety of nuclear facilities.

In addition, the expertise of the NSS-RCC is also supporting activities such as surveys, research, tests and reviews as well as assessment of materials and technology, equipment, productions, buildings and building structures, engineering and design documentation and software.

With respect to safety-security interfaces, the NSS-RCC typically supports regulatory activities by addressing issues of interfaces between safety and security in the context of the following tasks:

- Drafting of regulatory requirements, guidelines, and recommendations.
- Analysis and assessment of the current state of regulatory requirements.
- Analysis and assessment of submissions by the licensees.
- Analysis of safety and security interface issues of nuclear facilities, radioactive substances, radiation sources, nuclear materials, and storage facilities, including their physical protection.
- Supporting the Member State's system for accounting and control of nuclear materials and radioactive substances as well as physical protection of nuclear facilities, radiation sources, storage facilities of nuclear materials and radioactive substances.

REFERENCES:

- ✓ <https://www-pub.iaea.org/MTCD/Publications/PDF/te-1835-web.pdf> (2018)
- ✓ https://www-pub.iaea.org/MTCD/Publications/PDF/TE-1910_web.pdf (2020)
- ✓ https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1507_Web.pdf (2012)
- ✓ https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1128_scr.pdf (2002)
- ✓ <https://www.iaea.org/sites/default/files/infcirc449.pdf> (1994)



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THE AFRICAN COMMISSION ON NUCLEAR ENERGY (AFCONE) COLLABORATING CENTRES SCHEME **GENERAL REFERENCE GUIDE**

Terminology and Abbreviations

“**Collaborating Centre Focal Point**” means a staff member of a Member State institution designated to liaise with the AFCONE regarding participation in the AFCONE Collaborating Centre Scheme.

“**Collaborating Centre Proposal**” means a document containing required information regarding a Member State institution proposed for designation as an AFCONE Collaborating Centre including the proposed Work Plan;

“**Collaborating Centre Re-designation Proposal**” means a document containing required information regarding a Member State institution proposed for re-designation as an AFCONE Collaborating Centre including the proposed Work Plan.

“**PTS**” means **Pelindaba Treaty Signatories AU Member States** (https://au.int/sites/default/files/treaties/37288-sl-the_african_nuclear-weapon-free_zone_treaty_the_treaty_of_pelindaba_3.pdf)

“**Designation Period**” means a period stated in the AFCONE Collaborating Centre Agreement for which a Member State institution is designated as an AFCONE Regional Collaborating Centre;

“**ES**” means the AFCONE Executive Secretary;

“**Bureau**” means the AFCONE Bureau (Chairperson, Vice Chairperson and Executive Secretary)

“**AFCONE**” means the African Commission on Nuclear Energy;

“**AFCONE Collaborating Centre**” means a Pelindaba Treaty Signatory (PTS) institution designated as such by the AFCONE with whom the AFCONE collaborates on the basis of the AFCONE Collaborating Centre Agreement;

“**AFCONE Collaborating Centre Agreement**” means an agreement signed between the AFCONE and a PTS institution on the designation of such institution as an AFCONE Collaborating Centre;

“**AFCONE Collaborating Centre Liaison Officer**” means a staff member of the AFCONE designated to liaise with the Collaborating Centre Focal Point regarding participation of the institution in the AFCONE Collaborating Centre Scheme.

“**AFCONE Collaborating Centre Plaque**” means a plaque provided by the AFCONE which includes name of the PTS institution, an area of collaboration, and the Designation Period;

“**AFCONE Collaborating Centres Scheme**” means a mechanism to designate eligible PTS institutions as partners that assist the AFCONE in implementing its selected programmatic activities;



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“**Re-designation Period**” means a period stated in the AFCONE Collaborating Centre Agreement for which a Member State institution is re-designated as an AFCONE Collaborating Centre;

“**Work Plan**” means a document attached to the AFCONE Collaborating Centre Agreement specifying agreed schedule of activities to be implemented in by the AFCONE Collaborating Centre in support the AFCONE’s programmatic activities.

“**CC-FP**” means Collaborating Centre Focal Point

Introduction

The AFCONE Collaborating Centres Scheme provides the AFCONE with a mechanism to designate eligible Pelindaba Treaty Signatory AU Member State (PTS) institutions as partners that assist the AFCONE in implementing its selected programmatic activities.

Taking note of the African Union Member State’s expanding scientific and technical capabilities, the AFCONE Collaborating Centres Scheme will be initiated by the AFCONE Secretariat on a three-year pilot basis in 2020.

The present document is intended to serve as a reference guide containing, inter alia, information on the status and functions of the AFCONE Collaborating Centres, applicable processes, and procedures relevant to the selection, designation, re-designation, reporting and final assessment of the collaboration of Member State institution within the framework of the AFCONE Collaborating Centres Scheme.

Definition of an AFCONE Collaborating Centre:

An AFCONE Collaborating Centre is a Pelindaba Treaty Signatory AU Member State Party (PTS) institution, department or laboratory within an institution, designated by the AFCONE Secretariat, that on the basis of the AFCONE Collaborating Centre Agreement designating such institution, department or laboratory within an institution as an AFCONE Collaborating Centre, supports the AFCONE’s programmatic activities through the implementation of a Work Plan that is agreed with the AFCONE Secretariat, and included as an annex to the AFCONE Collaborating Centre Agreement.

The AFCONE Collaborating Centre Agreement is a legally binding document signed by both parties, which contains, inter alia, the undertakings of the parties, duration of designation, objectives, activities, and expected results and outcomes stated in the Work Plan.

Status, Functions, and Funding of an AFCONE Collaborating Centre

Status Designation of an PTS institution as an AFCONE Collaborating Centre does not confer any special status on such institution, nor imply pre-eminence in the technology field over other similar institutions.

An AFCONE Collaborating Centre shall not represent the AFCONE, nor shall it communicate to any other parties on behalf of the AFCONE. Participation in the AFCONE Collaborating Centres Scheme shall not affect an AFCONE Collaborating Centre’s present or future possibility to participate in any other relevant programme or scheme of the AFCONE.



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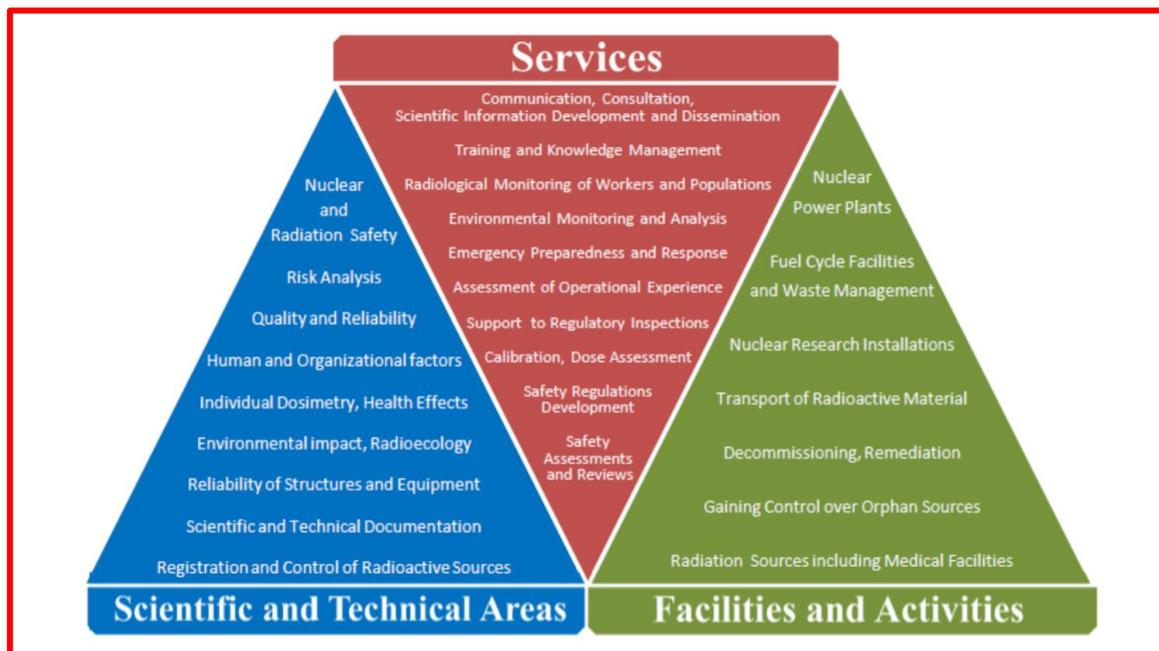
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Similarly, the designation of a PTS institution as an AFCONE Collaborating Centre shall not preclude the participation of such institution in similar schemes organized by other African Union organizations/agencies or other international bodies, nor shall any participation in a similar scheme organized by other AU organizations/agencies or other international bodies preclude designation of such institution as an AFCONE Collaborating Centre, provided that the mandate of such international body is fully compatible with the mandate of the AFCONE.

Functions of the AFCONE Collaborating Centre in Nuclear Safety & Security:

An AFCONE Collaborating Centre shall assist the AFCONE in implementing selected programmatic activities in at least of the following fields of activities demonstrating improvement in Nuclear Safety and Security International Standards Implementation:

1. **SUPPORT SAFETY REVIEWS AND ASSESSMENTS**
2. **SUPPORT THE DEVELOPMENT OF SAFETY DOCUMENTS FOR LEGISLATION, REGULATIONS AND GUIDES**
3. **SUPPORT INSPECTIONS OF FACILITIES AND ACTIVITIES**
4. **RESEARCH AND DEVELOPMENT**
5. **SUPPORT EMERGENCY PREPAREDNESS AND RESPONSE**
6. **RADIATION PROTECTION AND SAFETY**
7. **ENVIRONMENTAL ASSESSMENT AND SURVEILLANCE**
8. **ASSESSMENT OF OPERATING EXPERIENCE**
9. **COMMUNICATION AND CONSULTATION**
10. **NATIONAL AND INTERNATIONAL COOPERATION**
11. **TRAINING AND KNOWLEDGE MANAGEMENT**



Ref: <https://www-pub.iaea.org/MTCD/Publications/PDF/te-1835-web.pdf> (2018)



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Funding

The AFCONE Collaborating Centre shall bear all the costs of the implementation of the AFCONE Collaborating Centre Agreement, unless agreed otherwise in the AFCONE Collaborating Centre Agreement.

In exceptional cases, the AFCONE Collaborating Centre may request limited financial assistance from the AFCONE during the implementation of the activities. Such a request shall be internally reviewed on a case-by-case basis.

Eligibility and Selection Criteria

Eligibility

In order to be eligible for consideration as an AFCONE Collaborating Centre, an institution has to fulfil the following criteria:

- (i) be located in a Pelindaba Treaty State Party or Signatory.
- (ii) have a minimum of two years successful collaboration with the IAEA & AFRA & FNRBA (e.g. participation in coordinated research activities or in hosting fellows and training courses, as well as in providing expertise under the technical cooperation programme);
- (iii) be involved (member – observer) in international cooperation in nuclear safety & security, as a Technical Support Organisation (TSO), including with the IAEA Regulatory Cooperation Forum (RCF), the International Regulatory Network (RegNet), the Emergency Preparedness and Response Network (EPNet), the Technical and Scientific Organisation Forum (TSOF), the Global Nuclear Safety & Security Network (GNSSN), the Regional Regulatory Networks (ANNuR, ANSN, ENSREG, FORO, WENRA, HERCA)...
- (iv) an interested Member State institution's adherence to nuclear safety and security guidelines and principles and to good NSS Standard implementation practices, as applicable;
- (v) submit a formal written expression of interest to participate in the AFCONE Collaborating Centres Scheme to the AFCONE Secretariat.

Selection criteria

The AFCONE shall evaluate an interested PTS institution's ability, capacity, and readiness to directly contribute to specific AFCONE projects and activities as outlined in the AFCONE's Programme and Budget, according to the following criteria:

- (i) the scientific and technical standing of an interested PTS institution at the national, regional and international levels, with particular reference to its recent record of achievements and its on-going activities in the field (e.g. number of staff and qualification of staff who would be involved in the implementation of the Work Plan, equipment available, laboratory and teaching premises, as well as other relevant facilities, number of publications in the area of proposed Work Plan, etc.);
- (ii) the technical relevance of an interested PTS institution and its activities to the AFCONE's programmatic priorities;



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- (iii) the status and role of an interested PTS institution in the PTS's nuclear scientific structure and its relations with the national authorities concerned;
- (iv) an interested PTS institution's prospective stability in terms of personnel, activities, and funding;
- (v) the working relationship developed with other institutions within a PTS as well as at the bilateral, regional and international levels; and
- (vi) whether an interested PTS institution's mandate, governance framework, its relationships (including participation in similar schemes organised by other UN and AU organisations/agencies or other regional or international bodies) and practices are fully compatible with the AFCONE's mandate.

Roles and Responsibilities

Interested PTS institution or AFCONE Collaborating Centre

An AFCONE Collaborating Centre shall be responsible for the implementation of the Work Plan agreed upon with the AFCONE, and the submission of annual and final reports to the AFCONE.

An interested PTS institution and/or an AFCONE Collaborating Centre, through its highest executive officer shall be responsible for the following:

- (i) submission to the AFCONE Secretariat of a formal written expression of interest for participating in the AFCONE Collaborating Centres Scheme;
- (ii) designation of a Collaborating Centre Focal Point ("CC-FP"), and his/her alternate;
- (iii) signing of the AFCONE Collaborating Centre Agreement as agreed with the AFCONE; and
- (iv) implementation of the Work Plan agreed upon in the framework of the AFCONE Collaborating Centre Agreement.

An interested PTS institution and/or an AFCONE Collaborating Centre, through its designated CC-FP, shall be responsible for the following:

- (i) provision of background information for the development of the PTS institution's proposal for its designation as an AFCONE Collaborating Centre, in collaboration with the AFCONE Collaborating Centre Liaison Officer, and submission to the AFCONE of a draft Work Plan outlining the specific activities proposed to be implemented within the framework of AFCONE Collaborating Centre Agreement, and its further development for its submission as part of the Collaborating Centre Proposal;
- (ii) supervision of the implementation of activities as specified in the AFCONE Collaborating Centre Agreement and the Work Plan attached to it;
- (iii) submission of annual progress reports on the implementation of the Work Plan included in the AFCONE Collaborating Centre Agreement, and submission of a final report at the end of the Designation Period; and
- (iv) communication with the AFCONE regarding the implementation and reporting of the activities agreed upon in the framework of the AFCONE Collaborating Centre Agreement in a regular and timely manner.



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The AFCONE

The AFCONE, through its Executive Secretary or the Officer designated by the Executive Secretary, shall be responsible for the following:

- (i) acknowledgement of a receipt of a PTS institution's formal expression of interest;
- (ii) signing of the AFCONE Collaborating Centre Agreement, as agreed with a PTS institution.

The AFCONE, through the AFCONE CC-LO, shall be responsible for the following:

- (i) development of the Collaborating Centre Proposal, including the Work Plan outlining the specific activities proposed to be implemented in the framework of the AFCONE Collaborating Centre Agreement;
- (ii) submission of the Collaborating Centre Proposal including the Work Plan for the internal approval of the AFCONE;
- (iii) monitoring of implementation of the activities as specified in the AFCONE Collaborating Centre Agreement, by liaising with an AFCONE Collaborating Centre and ensuring the receipt and assessment of the annual reports;
- (iv) preparation of a mid-term review after two (2) years, based on two first annual reports, for the AFCONE internal assessment;
- (v) assessment of implementation of the Work Plan and overall collaboration within the framework of the AFCONE Collaborating Centre Agreement upon the completion of its Designation Period, based on annual reports, mid-term review, and the final report, for internal final evaluation of the collaboration with the concerned AFCONE Collaboration Centre;
- (vi) communication with the AFCONE Collaborating Centre regarding the implementation of the Work Plan and the reporting of the activities agreed upon in the framework of the AFCONE Collaborating Centre Agreement in a regular and timely manner; and
- (vii) in the event that an AFCONE Collaborating Centre expresses an interest for a re-designation, initiation of the re-designation process as provided below.

The AFCONE, through its Secretariat, shall be responsible for the following:

- (i) management of the administrative aspects of the AFCONE Collaborating Centres Scheme;
- (ii) liaising with the stakeholders involved in the AFCONE Collaborating Centres Scheme and with respective PTS's Embassy in Addis Ababa or Pretoria on administrative matters.

Designation Process

The designation process is summarized below:

The procedure for the designation of a PTS institution as an AFCONE Collaborating Centre shall contain the following steps:

- (i) a PTS institution submits to the AFCONE Secretariat a formal written expression of interest in being considered for designation as an AFCONE Collaborating Centre;



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- (ii) upon positive consideration of an expression of interest, the AFCONE shall designate the AFCONE CC-LO to liaise with the interested PTS institution and develop the Collaborating Centre Proposal, including the Work Plan;
- (iii) in the event that the Collaborating Centre Proposal, including the Work Plan, is approved, the AFCONE shall seek endorsement of the designation from the respective PTS's Embassy in Addis Ababa or Pretoria
- (iv) upon endorsement by the respective Embassy, the AFCONE shall send the designation cover letter and the AFCONE Collaborating Centre Agreement to the concerned PTS institution for signature, with a copy to the respective Embassy and
- (v) upon signature of the AFCONE Collaborating Centre Agreement by both parties, the AFCONE provides the newly designated AFCONE Collaborating Centre with an AFCONE Collaborating Centre plaque.

The Designation Period of a PTS's institution as an AFCONE Collaborating Centre corresponds to a period required to implement activities specified in the Work Plan, which is usually four (4) years. Any request for extension of this Designation Period shall be subject to the re-designation process described below.

Re-designation

In event that an AFCONE Collaborating Centre wishes to extend the collaboration beyond the initial Designation Period, any such interest shall be communicated in writing to the AFCONE not later than six (6) months before the expiration date of the AFCONE Collaborating Centre Agreement.

The re-designation of an AFCONE Collaborating Centre by the AFCONE shall be subject to the following criteria:

- (i) an assessment of the eligibility and selection criteria as provided above under ("Eligibility and Selection Criteria");
- (ii) positive assessment by the AFCONE of the implementation of the Work and overall collaboration within the framework of the AFCONE Collaborating Centre Agreement upon the completion of its Designation Period and overall collaboration during the Designation Period, on the basis of the AFCONE assessment of the reports received from the AFCONE Collaborating Centre; and
- (iii) relevance of a new proposed Work Plan to the AFCONE's activities and objectives.

The procedure for the re-designation of an AFCONE Collaborating Centre shall contain the following steps:

- (i) The interested AFCONE Collaborating Centre submits to the AFCONE Secretariat a formal written request for re-designation within the same AFCONE programmatic activity/project, not later than six months prior to the expiration of the AFCONE Collaborating Centre Agreement;
- (ii) upon positive appraisal of the request for re-designation, the AFCONE CC-LO, in coordination with the CC-FP, develops Collaborating Centre Re-designation Proposal, including a new Work Plan to be implemented during the additional period Re-designation Period;



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- (iii) in the event that the Collaborating Centre Re-designation Proposal, including the Work Plan, is approved, the AFCONE shall seek the endorsement of re-designation from the respective Embassy;
- (iv) upon endorsement of re-designation by the respective Embassy, the AFCONE shall send the re-designation cover letter and the new AFCONE Collaborating Centre Agreement to the concerned PTS institution for signature, with a copy to the relevant Embassy; and
- (v) upon signature of the new AFCONE Collaborating Centre Agreement by both parties, the AFCONE provides the re-designated AFCONE Collaborating Centre with a new AFCONE Collaborating Centre plaque where the Re-designation Period is stated.

Duration and Termination of the Designation as an AFCONE Collaborating Centre

Duration

The designation of a PTS institution as an AFCONE Collaborating Centre shall commence on the date of the entry into force of the AFCONE Collaborating Centre Agreement, which corresponds to a period required to implement activities specified in the Work Plan, which is usually four (4) years, with a mid-term review of the implementation progress after two years.

The re-designation of an AFCONE Collaborating Centre shall commence on the date of the entry into force of the new AFCONE Collaborating Centre Agreement, and that shall be for the period required to implement activities specified in the new Work Plan, which is usually for a period of four (4) years, with a mid-term review of the progress after two years.

Termination

The designation of a PTS institution as an AFCONE Collaborating Centre ends by the expiry of the AFCONE Collaborating Centre Agreement, unless such PTS institution is re-designated as provided above, or unless terminated earlier by either party upon a three-month notice.

Reporting and Assessment of Collaboration

As indicated in the AFCONE Collaborating Centre Agreement, during the Designation Period, the AFCONE Collaborating Centre shall submit annual progress reports, as well as a final report, using the forms provided.

The reports shall document the activities, progress and results achieved in the implementation of the Work Plan.

In order to assess the collaboration and the results accomplished or in progress, the AFCONE shall also conduct a mid-term review after two years following the entry in force of the AFCONE Collaborating Centre Agreement, using the two first annual reports provided by the AFCONE Collaborating Centre.

Based on the mid-term review assessment of the collaboration the AFCONE shall decide whether to continue collaboration with the AFCONE Collaborating Centre.



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At the end of the Designation Period, the annual and final reports submitted by the AFCONE Collaborating Centre shall be used by the AFCONE to assess the overall collaboration of and the results achieved by the AFCONE Collaborating Centre.

The AFCONE CC-LO shall communicate with the AFCONE Collaborating Centre regarding the implementation of the Work Plan and the reporting of the activities agreed upon in the framework of the AFCONE Collaborating Centre Agreement in a regular and timely manner.

Furthermore, if required by the AFCONE Collaborating Centre, the AFCONE CC-LO shall provide feedback to the AFCONE Collaborating Centre and request revision or re-submission of the reports, if required.

Based on the overall assessment of the collaboration and the results accomplished during the Designation Period(s), the AFCONE shall provide the AFCONE Collaborating Centre with a “Recognition of Achievement Certificate”.

The forms and templates are available and shall be used as follows:

- Annex 1: Background Information and Draft Work Plan for the Collaborating Centre Proposal (to be completed by CC-FP)
- Annex 02: Work Plan Format, Recommendation & Reporting

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Ref & Model: IAEA. Version 1.1 (April 2016)



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Annex 01:

AFCONE COLLABORATION CENTRE CANDIDATURE

NUCLEAR SAFETY & SECURITY

BACKGROUND INFORMATION

Item		
01	Institution	Name
		Address: Full Contacts (Street, PO Box, Postal Code, City, Region/District, Country, Tel & Cell, Email, Website)
02	Director:	First and Last Names
		Full Contacts Direct & Professional Contacts
03	Focal Point:	First and Last Names
		Position within the Institution
		Full Contacts Direct & Professional Contacts
04	Introduction to the Institution	Description and Mission Statement
		National Authority to which the Institution Reports
		Affiliation with the National Institutions
		Affiliation with the Regional or International Organisations
		Institutions Funding's Sources
		Number of Professional Staff
		Years of Operation: From to
		Available Facilities
		Institution's Membership to the International & Regional Networks: (Please Specify)



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		Is the Institution Active in a Project under the Regional and Cooperative Agreement AFRA?
		Has the Institution been designated as Regional Designated Centre/ Centre of Excellence under AFRA? Yes or No- Specify
		Does the Institution hold any practical arrangements with IAEA? Yes or No – Specify
		Main Fields of Activities at the Institution
		Current Major Activities at the Institution regarding the Proposal Area of Collaboration
		Major Publication in the Last Past Three (3) Years
		Conferences/ Workshops/ Meetings organised during the Past Three (3) Years
		Major Achievements (e.g. Inventions, discoveries, patents, etc)
05	Previous Involvement with the IAEA, AFRA or FNRBA or Other International & Regional Organisation	Participation in Technical Cooperation (TC) Projects: No or Yes – Specify the Codes & Titles
		Participation to Coordination Research Agreements (CRAs): No or Yes – Specify the Contracts or Agreement & Number & Titles
		Provision of experts to IAEA, AFRA or FNRBA Activities: No or Yes- Specify Number of Experts and Fields of Expertise
		Organisation of Training Events: No or Yes- Specify Number of Events- Years – Subjects/ Areas
		Provision of Training Through TC Projects, Fellowships Activities etc
		Has the Institution been contracted by the IAEA, AFRA, FNRBA or Other Organisation to deliver to paid services: No or Yes – Specify
		Additional Information on Previous Involvements in Delivering Expert Services at National, Regional and International Levels



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Annex 02:

DRAFT WORK PLAN FOR THE COLLABORATING CENTRE PROPOSAL

6) Proposal Work Plan

6.1) The Work Proposed by the Institution will Assist AFCONE in the Implementation of the **Nuclear Safety & Security Programme/ Project**

6.2) Objectives of the Proposed Activities:

6.3) Proposed Activities and Expected Outputs and Outcomes:

Activity No.	Description of Activities to be Implemented by the Collaborating Centre	Outputs (Deliverables)	Timelines (Quarters/Years)	Outcomes (Impact of the Results)	Key Performance Indicators (KPIs)

7. Source of Funding of the Proposed Activities:
8. Staff profile involved in the above activities:
9. Additional information that might be relevant to the review of this proposal:
10. Assessment:
10.1. The technical standing of the institution at the national and international levels, with particular reference to its recent record of achievement and its ongoing activities
10.2. On prospective stability in terms of personnel, activities and funding:
10.3. The technical relevance of the institution and its activities to the AFCONE's programmatic priorities:
10.4. Previous collaboration with the International & Regional Organisations:
10.5. The geographic contributions to the diversity of the Collaborating Centre scheme:



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11. Recommendation:

In recognition of the institution's record of successful collaboration with the.....and its expected contributions towards the implementation of the above referenced AFCONE's Project(s) and objective(s), theexpresses its support for designating <Institution Name> as a Regional Collaborating Centre for **Nuclear Safety & Security** forYears.

12. Reporting:

The purpose of reporting is to assess the effectiveness of the Collaboration between the AFCONE and <Institute Name> and to provide a basis for performance assessment of the Collaboration.

The Collaborating Centre will submit, every 12 months, a report on the progress made in implementing the activities listed in the adopted work plan.