

**RCA Programme Advisory Committee
Meeting 17 – 21 February 2014**

Comments on RCA Project Concepts for the 2016/17 TC Cycle

Concept number

#3

Title

Advancing technologies for monitoring and analysis of the extent and impact of radioactive releases from nuclear power plants (NPPs) to Asia-Pacific marine ecosystems

Names/Contact details

Peter McGlinn, Australia

Gaps/problems/needs

The problem, i.e. risk of planned or unplanned release of radionuclides from nuclear power plants into the marine environment, is well identified.

The gap, i.e. many RCA MSs is still not well equipped to assess the environmental consequences at a regional scale.

The needs are very broad and specific highest level. (*i.e. development of more advanced skills for analysis of a broad range of radionuclides. Also producing more site-specific and bio-kinetic (i.e. radioecology) data on concentration factors and food web transfers for bioaccumulation of radionuclides in marine biota endemic to the Asia-Pacific region for proper dose assessments and risk analyses*)

Why regional

The problem is valid for many RCA MSs.

Stakeholders/partnerships

Potential stakeholders/partnerships have been identified

Overall objective

04 Specific Objectives of the project have been stated.

Objectives analysis

The Objective Analysis states the specific highest level objectives.

Options for addressing the problem are not identified in the Objective Analysis as new project may be an extension of the current project RAS/7/021

Role of nuclear and IAEA

Role of nuclear and IAEA are clear

Project duration

Four-year duration

Requirement for participation

Not separately mentioned

Participating Member States

Not mentioned

Funding, budget

Not mentioned

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 3,5 and20 are to be checked

Overall comments

This concept is essentially a proposal to continue the project work being undertaken under RAS/7/021, which is due to be completed in 2015. It is recommended that when it has been completed, there should be a thorough analysis of the performance and achievements of RAS/7/021 to determine whether it has achieve its objectives and what lessons have been learned. These aspects should be incorporated into any future proposal for an extension.

Concept number

#6

Title

Impact of air particulate matter in the RCA Region

Names/Contact details

Chris Daughney, New Zealand

Gaps/problems/needs

There was no Problem Analysis or Problem Tree provided in the concept documentation
There was no detailed Objective Analysis or Objective Tree provided in the concept documentation

Why regional

The problem is valid for many RCA MSs.

Stakeholders/partnerships

Not identified

Overall objective

There was no detailed Objective Analysis or Objective Tree provided in the concept documentation

Objectives analysis

There was no detailed Objective Analysis or Objective Tree provided in the concept documentation

Role of nuclear and IAEA

Not focussed

Project duration

Not mentioned

Requirement for participation

Not clear

Participating Member States

Not mentioned

Funding, budget

Not mentioned

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

No

Overall comments

It is recommended that after completion of ongoing air pollution project, RAS 7023, these aspects should be incorporated into any future proposal for an extension.

Concept number

#7

Title

Delivering the promise of food irradiation to socio-economic development through strengthening promotion, acceptability and trade

Names/Contact details

Chris daughney, New Zealand

Gaps/problems/needs

Problem Analysis with Problem Tree provided in the concept documentation
Detailed Objective Analysis and Objective Tree provided in the concept documentation

Why regional

The problem is valid for many RCA MSs.

Stakeholders/partnerships

Not identified

Overall objective

Detailed Objective Analysis provided in the concept documentation

Objectives analysis

Detailed Objective Analysis and Objective Tree provided in the concept documentation

Role of nuclear and IAEA

Role of IAEA not mentioned

Project duration

Not mentioned

Requirement for participation

Self explanatory

Participating Member States

Not mentioned

Funding, budget

Not mentioned

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 3,5 and20 are to be checked

Overall comments

Concept number

#8

Title

Application of mutation techniques to breed green super crop for sustainable agricultural production

Names/Contact details**Gaps/problems/needs**

Not possible to determine the focal problem because there are a number of challenges and the project would not be able to address them all. The highest level objective is described in the objective statement.

Why regional

The problem is valid for many RCA MSs.

Stakeholders/partnerships

Only national institutes

Overall objective

The highest level objective is described in the objective statement.

Objectives analysis

The highest level objective is described in the objective statement.

Role of nuclear and IAEA

Stated

Project duration

2016-2019

Requirement for participation

Stated

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 3,5 and20 are to be checked

Overall comments

Concept number

#10

Title

The preclinical application of transdermal oxygen enzymes on the treatment of skin injuries induced by acute radiation accidents.

Names/Contact details**Gaps/problems/needs**

This should be a CRP ;Research objectives

Why regional**Stakeholders/partnerships****Overall objective****Objectives analysis****Role of nuclear and IAEA****Project duration****Requirement for participation****Participating Member States****Funding, budget****Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?****Overall comments**

Concept number

#11

Title

Advancing technologies for monitoring and analysis of the extent and impact of radioactive releases from nuclear power plants (NPPs) to Asia-Pacific marine ecosystems

Names/Contact details**Gaps/problems/needs****Why regional****Stakeholders/partnerships****Overall objective****Objectives analysis****Role of nuclear and IAEA****Project duration****Requirement for participation****Participating Member States****Funding, budget****Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?****Overall comments****Concept number**

#13

Title

New type of freight vehicle radioactive inspection system.

Names/Contact details

Gaps/problems/needs

This problem goes with nuclear safety & security

Why regional

Stakeholders/partnerships

Overall objective

Objectives analysis

Role of nuclear and IAEA

Project duration

Requirement for participation

Participating Member States

Funding, budget

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Overall comments

Recommend to consider under nuclear safety & security

Concept number

#14

Title

Application of electron accelerator in irradiation processing

Names/Contact details**Gaps/problems/needs**

The problem is only covered at a high level in the problem analysis.
The objective analysis states the specific highest level objectives

Why regional

Concept is valid for many RCA MSs

Stakeholders/partnerships

Stated

Overall objective

The objective is at the highest level

Objectives analysis

The objective analysis states the specific highest level objectives

Role of nuclear and IAEA

Stated

Project duration

2016-2018

Requirement for participation

Not stated

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 5 and 20 not addressed

Overall comments

Similar project with same objectives is currently implemented by the RCARO.

Concept number

#15

Title

Strengthening food irradiation applications through education and training in RCA Member States

Names/Contact details**Gaps/problems/needs**

Well addressed

Why regional

Valid for many RCA MSs

Stakeholders/partnerships

Not stated

Overall objective

Clearly stated

Objectives analysis

Clearly stated

Role of nuclear and IAEA

Not stated

Project duration

Not stated

Requirement for participation

Not stated

Participating Member States

Not stated

Funding, budget

Not stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 5 and 20 not addressed

Overall comments

Concept number

#16

Title

Isotopic Techniques in the Assessment of Groundwater Resources for Sustainable Management.

Names/Contact details

Dr. M. A Tasneem, Pakistan

Gaps/problems/needs

No problem tree

Why regional

Valid for all RCA MSs

Stakeholders/partnerships

Not stated

Overall objective

Clearly stated

Objectives analysis

Stated; No problem tree

Role of nuclear and IAEA

Clearly stated

Project duration

Not stated

Requirement for participation

Not stated

Participating Member States

Stated

Funding, budget

Not stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 5 and 20 not addressed

Overall comments

Recommended for implementation after completion of ongoing project and evaluation of outcomes of the ongoing project.

Concept number

#17

Title

Diagnosing and optimising industrial processes using radiotracers and sealed-source techniques

Names/Contact details**Gaps/problems/needs**

Problem is clearly stated. Objectives are very broad.

Why regional

Common problem to many RCA MSs

Stakeholders/partnerships

Not stated

Overall objective

Several high level objectives are stated.

Objectives analysis

Objective analysis is very broad

Role of nuclear and IAEA

Stated

Project duration

2016-2017

Requirement for participation

Stated

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 5 and 20 not addressed

Overall comments

Concept number

#21

Title

Ecosystem management function in view of anthropogenic influence and climate change trend and impact

Names/Contact details

DR.S.K. Jha, India

Gaps/problems/needs

Clearly addressed

Why regional

Common problem to many MSs

Stakeholders/partnerships

Identified relevant local institutions

Overall objective

Many activities stated

Objectives analysis

Clearly stated

Role of nuclear and IAEA

Clearly stated

Project duration

Two years

Requirement for participation

Stated

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Yes

Overall comments

Concept number

#22

Title

Defining the Precise Role of Hybrid Positron Emission Tomography-Computed Tomography in the management of Infectious and Aseptic Inflammatory disorders

Names/Contact details**Gaps/problems/needs**

Need more information

Why regional

Common problem is addressed

Stakeholders/partnerships

Only national institutions

Overall objective

Clearly stated

Objectives analysis

Need information

Role of nuclear and IAEA

Clearly stated

Project duration

04 years

Requirement for participation

Not stated

Participating Member States

Stated

Funding, budget

Not stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendation 5 and 20 not addressed

Overall comments

Concept number

#24

Title

Multicentric trial on chemotherapy (CT) added to palliative radiotherapy (RT) in palliation of advanced carcinoma esophagus

Names/Contact details**Gaps/problems/needs**

Clearly stated

Why regional

Common problem to RCA MSs

Stakeholders/partnerships

Stated

Overall objective

Clear statement is given

Objectives analysis

Clear statement is given

Role of nuclear and IAEA

Stated

Project duration

04 years

Requirement for participation

Understood from problem statement

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendation 5 and 20

Overall comments

Concept number

#25

Title

Clinical implementation of image-guided radiation therapy (IGRT) and adaptive radiation therapy (ART).

Names/Contact details**Gaps/problems/needs**

Clear in the problem statement

Why regional

Common problem to RCA MSs

Stakeholders/partnerships

Stated

Overall objective

Clear in the Objective statement

Objectives analysis

Objective is very broad

Role of nuclear and IAEA

Stated

Project duration

04 years

Requirement for participation

Clear in the problem statement

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendation 5 & 20

Overall comments

Concept number

#26

Title

Enhancing stereotactic body radiation therapy for frequent cancers in the RCA region

Names/Contact details**Gaps/problems/needs**

Clearly stated in the problem statement

Why regional

Common problem to RCA MSs

Stakeholders/partnerships

Stated

Overall objective

Only technical aspects stated

Objectives analysis

Clear in the Objective statement

Role of nuclear and IAEA

Stated

Project duration

03 Years

Requirement for participation

Clear from the problem statement

Participating Member States

Stated

Funding, budget

Stated

Does it conform to key requirements for preparation of RCA Project Concepts 2016/17?

Recommendations 5 & 20

Overall comments