

## **[Agenda 4. 2] RCA Success Stories**

### **Past Recommendation**

The 3<sup>rd</sup> RCARO SAC advised RCARO to identify a most appropriate writer among the two professional writers; Mr Eduardo Luraschi of IAEA TC Department and Mr Tim Haydon of AUL by the end of September 2006 and to complete the re-writing of the draft success stories by the end of 2006. The SAC also advised the RCARO to publish the first edition of the RCA Success Stories in leaflet format early next year, preferably before the 29<sup>th</sup> NRM and distribute to NRs for their use in their respective countries for target groups. The SAC suggested that items for the 2<sup>nd</sup> edition of the RCA Success Stories should be identified before the next SAC meeting.

### **Past Activities**

RCARO contacted with Mr. Eduardo Luraschi of Division of Programme Support and Coordination to undertake the re-writing work. He expressed that he could not undertake the works because he has been much occupied by other Agency's work. RCARO then contacted Mr Tim Haydon. In October 2006, RCARO made a contract with Mr Tim Haydon for completion of the final version of RCA success stories by 22 December 2006. The writer requested feedbacks from related PLCCs as well as other RCA stakeholders. However, the writer could not complete the stories in due date because he was unable to have necessary feedbacks from relevant PLCCs in time.

### **Current Status**

The writer completed the final versions in late February 2007. The final versions were immediately circulated to SAC members for their comments and advice. RCARO greatly recognizes the valuable contributions by the writer. RCARO believes the re-written versions well reflected RCA's requirements in a very comprehensive way.

The titles of the re-written stories are;

- (1) Nuclear analysis of airborne particles provides a key to alleviating air pollution
- (2) Isotope hydrology helps find water fit to drink
- (3) New materials from natural polymers: using nuclear techniques to improve nature's gifts
- (4) Tissue Banking by using nuclear techniques
- (5) Distance assisted training' strengthens regional skills in nuclear medicine

On the other hand, Mr John Easey of AUL thankfully revised the stories based on the Mr Tim Haydon's versions. Mr Tim Haydon appreciated Mr John Easey's support. Mr Tim Haydon tried to produce single, final versions of each, but was unable to do so satisfactorily. He found himself starting to revise John's versions and then doubting whether he was adding any value to them. Having written his own versions of the stories, and then having had them rewritten, he is not convinced that it's worthwhile his attempting to write them again. In the end, he suggested it seems best to give them to SAC to decide.

To this end, on 5 March 2007, RCARO circulated the two versions to the SAC members for their consideration. A couple of SAC members expressed their preference between the two versions.

For the 2<sup>nd</sup> Edition of the RCA Success Stories, RCARO has the view that they would mainly be from the Agriculture and Industry areas since the 1<sup>st</sup> edition has focused on Human Health and Environment areas. After considering some of the basic factors that the RCA Success Stories should embrace such as socio-economic impacts and the distinctive advantages of nuclear technology, RCARO proposes the following stories for SAC's consideration.

- (1) Nuclear Technology for Improving Livestock Productivity and Reproductive Efficiency
- (2) Radiation Induces Mutation for Improving Crop Productivity
- (3) Non-destructive Testing
- (4) Nuclear Technology for Solving Marine Environmental Problem (HAB)

#### **Proposed Action**

- The SAC is hoped to decide final versions of the RCA success stories to be printed among the versions.
- Also, the SAC is hoped to consider the second edition of RCA success stories for future publication.
- The SAC is hoped to remind NRs the need of dedicated contributions by the relevant PLCCs when writing RCA success stories.

Attachment 3: Air Pollution TH version

Attachment 4: Drinking water TH version

Attachment 5: Advanced Materials TH version

Attachment 6: Tissue Banking version (one version)

Attachment 7: DAT for Nuclear Medicine story (Already prepared)

Attachment 8: Air Pollution JFE version

Attachment 9: Drinking water JFE version

Attachment 10: Advanced Materials JFE version