

# Introduction of the Workshop

Kun Mo CHOI  
Director, RCARO  
7 June, 2005, Jeju

# Overview of the Workshop

## ■ Agenda

- **Past** – Lessons from the past history of RCA and RCARO
- **Present** – RCARO' strategy to promote partnerships and create fund
- **Future** – Sustainable development of RCA and RCARO

## ■ What to expect

- Development of ideas
- Brain storming discussion
- Consensus and recommendations if any

# Background

- RCARO is entering into new phase
  - Completion of 3 years' interim operation
  - Entering into the full operation
  - Appointment of Director
- The first evaluation on the RCARO activities was completed
- OIOS (Office of Internal Oversight Services) report signals IAEA's future approach to the RCA activities

# Objectives of the Workshop

- To envisage the future of RCARO
  - Future Prospects of RCARO
    - Role and functions
    - Operational Prospects
    - Legal Frameworks
- To shape the new RCA/RCARO pilot projects
  - What projects will be most appropriate when funds are available?

# Participants

## ■ Experts in RCA business

- M. Prinath Dias (IAEA, RCA coordinator)
- Alumanda Dela Rosa (Philippine, PNRI)
- John F. Easy (Australia, ANSTO)
- Nahrul K. A. Md Rashid (Malaysia, MINT)
- Carlito Aleta (Philippine, former RCA coordinator)
- Anil K. Anand (India, Former RCA NR)

## ■ Host Government

- Yong Hwan Kim (MOST, Director General)
- Jong Bae Choi (MOST, Director)
- Jae Shik Shin (MOST)

## ■ Expert in Application of Nuclear Technology in Korea

- Poong Eil Chun (KAERI, Former Dir. of IAEA)
- Il Hiun Kuk (KAERI, Advanced Radiation Technology Institute)
- Zang Kual Yu & Bum Jin Chung (Jeju Nat'l Univ.)
- June Key Chung (Seoul Nat'l Univ.)



## ■ Expert in international Relations in Korea

- Kyoung Pyo Kim & Jeong Kong Lee (KAERI)
- Kun Woo Cho & Jae Woong Chung (KINS)
- Kum Hun Ma (KIRAMS)

## ■ RCARO

- Kun Mo Choi (Director)
- Jun Guk Chung (Program officer)
- Dae Ki Kim (Administration Officer)
- Min Jung Lee & Joo Hyun Lim (assistant)

# Agenda

## ■ 7 June (Day One)

### – Morning:

- Opening

- Overview of the RCARO operation during the interim period (Mr. Chung)

- Introduction of the workshop (Mr. Choi)

### – Lunch



## ■ 7 June (Day one) – Afternoon

- Lead-off presentations and discussions (Moderator: Dr. Alumanda Dela Rosa)
  1. Lessons learned from the past RCA Activities and future direction of RCA and RCARO (Dr. A K Anand, Dr. Nahrul K A Md Rashid)
  2. RCARO's strategies to promote partnerships and create additional fund (Dr. C R Aleta, Dr. F J Easy)

### 3. RCARO's future role for the sustainable development of RCA

- ◆ Dr.M P Dias – IAEA's view
- ◆ Dr.A Dela Rosa – Member State's view

– Dinner hosted by RCARO

### ■ 8 June (Day Two) – Morning Continued

- ◆ Mr.J B Choi – Host Government's view

- Discussion I : Future Prospects of RCARO  
(Moderator: Dr.Nahrul K A Md Rashid)

- Role and functions
- Operational Prospects
- Legal Frameworks

## ■ 8 June (Day Two) – Afternoon

- Discussion II : Initiation of new RCA/RCARO  
pilot projects  
(Moderator: Dr.Nahrul K A Rashid)

- Formulation of RCA/RCARO project (for the year 2005)
- RCA/RCARO/UNDP project on the relief of Tsunami  
affected area applying nuclear technology  
(for the year 2006–2008)

- Dinner hosted by MOST

## ■ 9 June (Day Three) – Morning

- Wrap-up discussion  
(Moderator: Dr.Nahrul K A Rashid)

- Conclusion and recommendations

- Others

- Partnership with PEMSEA

## ■ 9 June (Day Three) – Afternoon

- Field Trip

- Jeju National Univ.

- Other interesting places in the Island

# Discussion I

## Future Prospects Of RCARO

(Day Two – Morning)

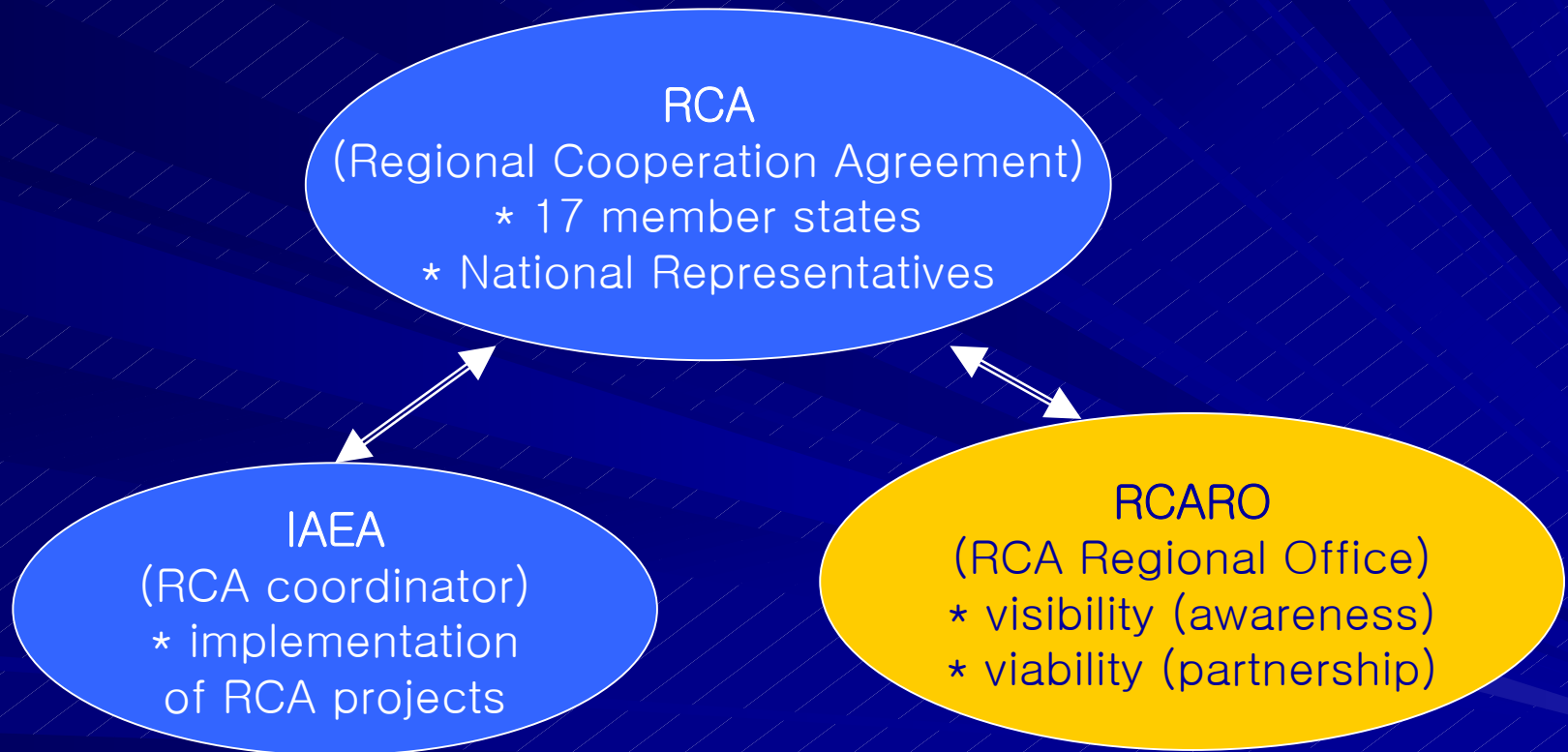
## ■ Role and Functions

### – Present Roles and Responsibilities

- main mandate: to enhance visibility (awareness of RCA) and viability (promotion of partnership and creation of fund)
- to represent RCA when requested by NRM such as against FNCA
- to support activities pertaining to RCA

### – Future: ?

# RCA/RCARO/IAEA Hierarchy





## ■ Operational Aspects

### – Present

- Personnel: 1 Director(3 years' term, appointed by NRM), 5 regular staff, 1–2 temporary staff from member states
- Budget (year 2005): 0.68 Mil. US\$ (from host gov't)
- Governing body:
  - Host government: MOST, Steering Committee
  - RCA: RCA NRM, RCARO Standing Advisory Committee
- location: Daejon, Korea (in KAERI)

### – Future: ?

## ■ Legal Framework

### – Present

- Regional office: a unit of KAERI
- status of staff: personnel of KAERI
- regulation for operation:
  - High level regulations for operation are provided in the MOST's Ministerial Decree on the Operation of RCARO.
  - RCARO follows the rules and regulations of KAERI for its daily operation.

### – Future: ?

Legal Framework  
of RCARO

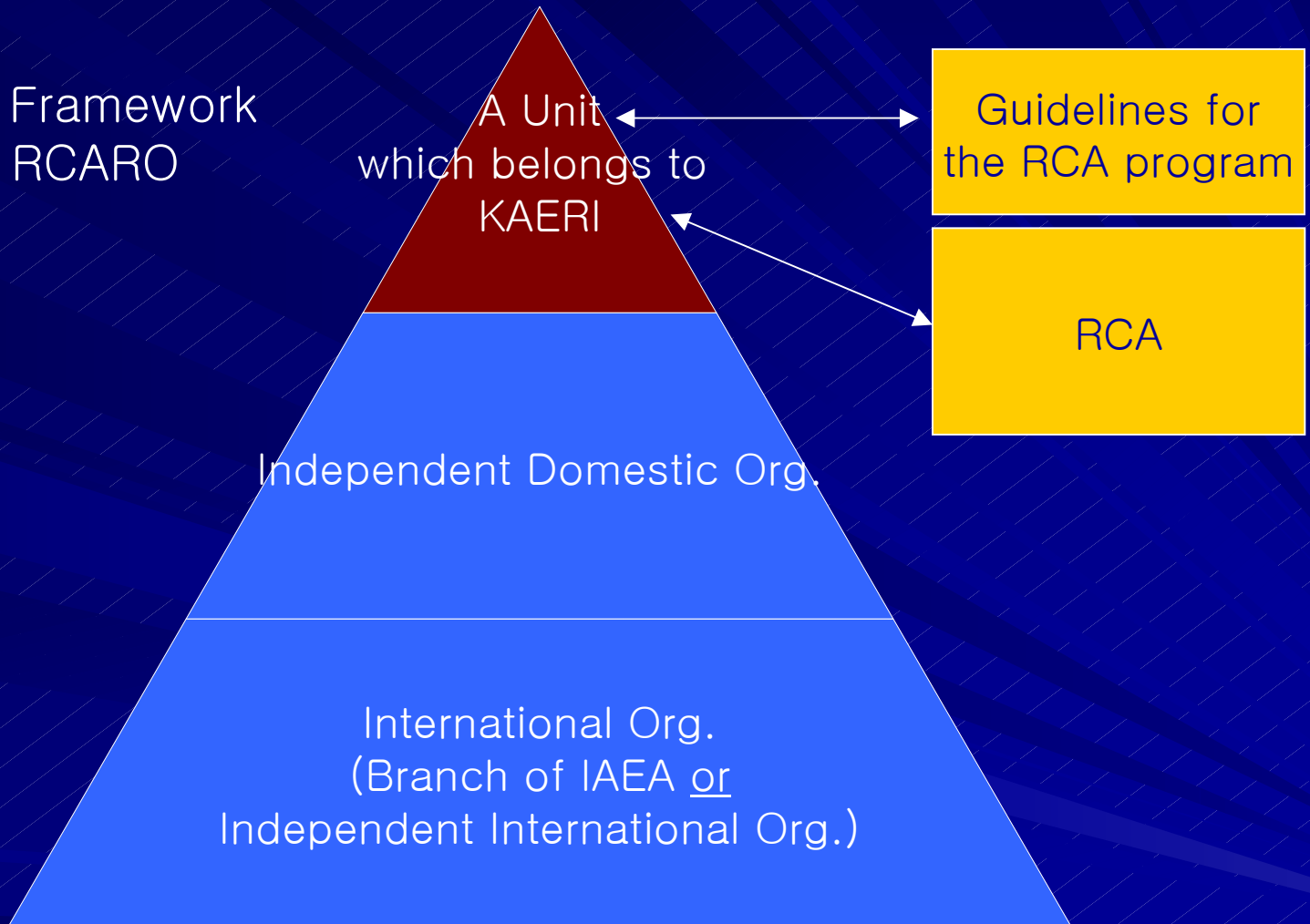
A Unit  
which belongs to  
KAERI

Guidelines for  
the RCA program

RCA

Independent Domestic Org.

International Org.  
(Branch of IAEA or  
Independent International Org.)



Discussion II  
Initiation of New RCA/RCARO  
Pilot Projects  
(Day Two – Afternoon)

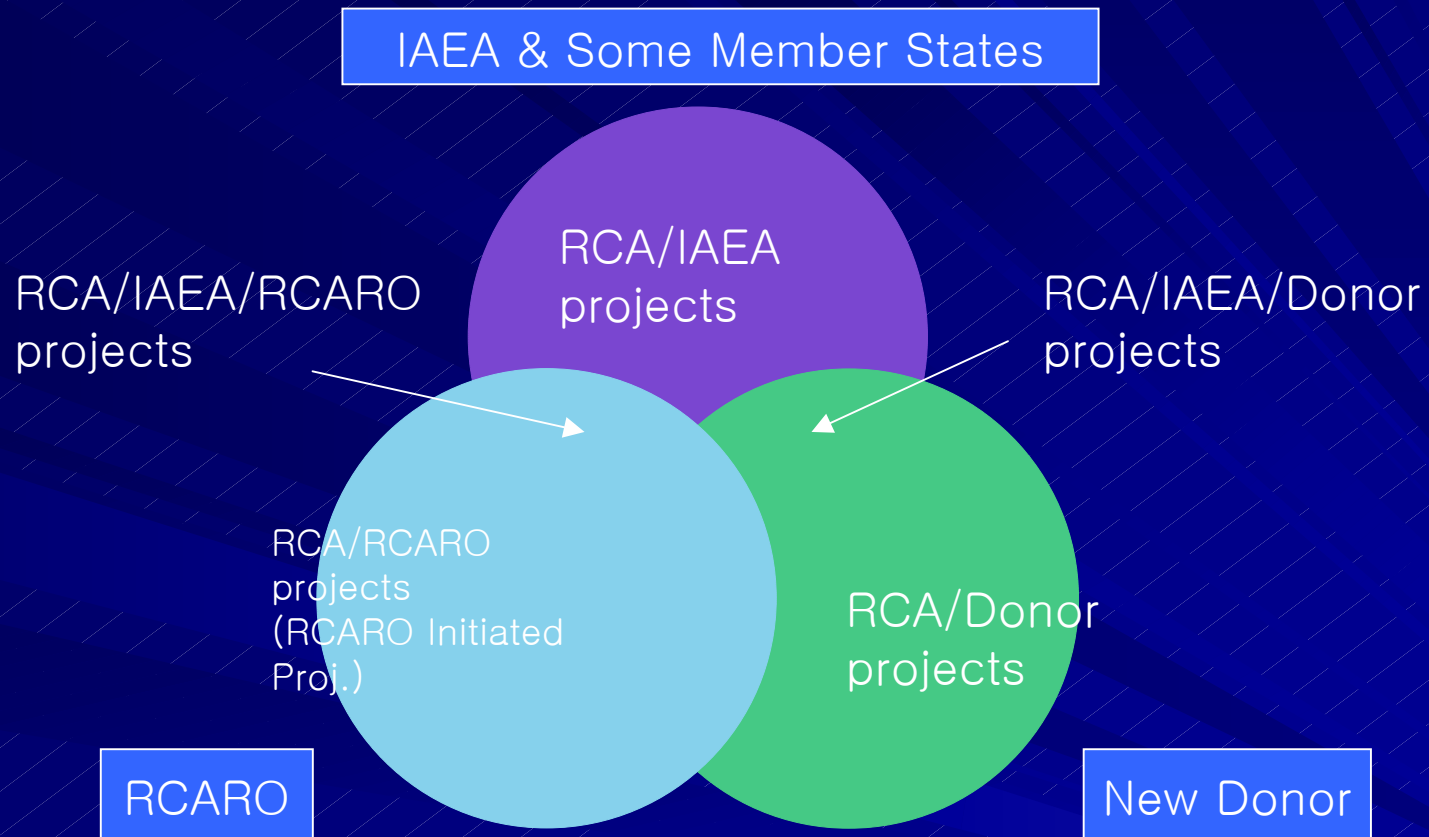
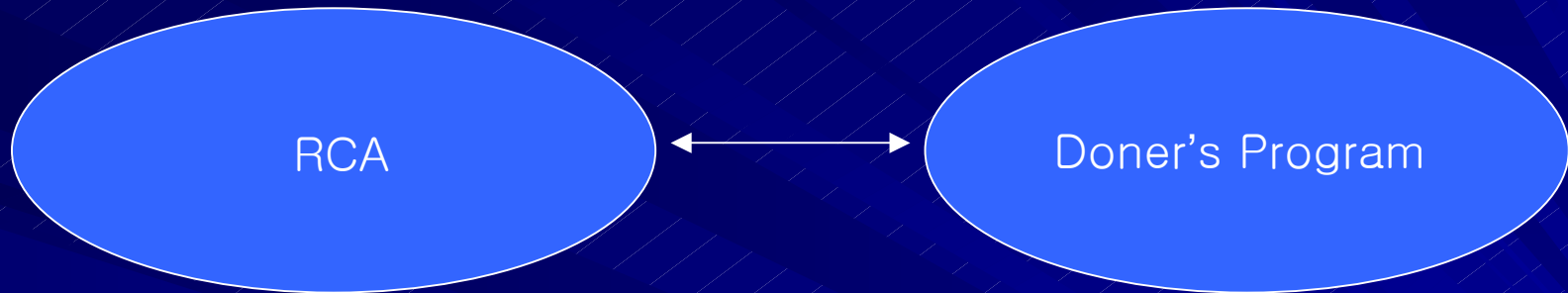


Diagram presenting the relationship among RCA, IAEA, RCARO and future donors

# Enhancement of Partnership



- Classification of Partnership: Communication, Exchange of Information and personnel, Participation to the partner's program, Donation, etc.
- Example: RCARO's human resource development program
  - Post-doc program (KAERI, KINS, KIRAMS, etc.)
  - Master Degree program (KAIST)
  - Nuclear Medicine Training Program (KOICA)

Note: These programs have been called “RCARO initiated project” so far. However, they are not the programs funded by RCARO and should be differentiated with those funded by RCARO.

# Possible New Paradigm for RCA Program

## A. RCA/IAEA projects

- can be classified by the funds

- IAEA
- Extra Budget contributed by Member States
- New Donors (International and regional Inst.) ??

## B. RCA/RCARO projects (“RCARO Initiated Project”)

## C. Partnership Program between RCA–Other Inst.

- RCARO’s present human resources development program (ex: post-doc prog. and KAIST master degree program)
- We are exploring the enhancement of partnership with other institutions (ex : ESCAP)

\*\*Note: Projects highlighted with yellow color are those we are trying to create in the future.



# RCA/RCARO Pilot Projects (RCARO Initiated Projects)

## ■ Background

- RCARO has been trying to secure fund for RCA program
- For the year 2005, RCARO expects to secure around 50 Thousand US\$ from the host government and is under process to find appropriate project(s).
  - Partial funding to the RCA/IAEA projects with the involvement of the donor in the process was considered.
  - However, IAEA system doesn't allow the third party (donor) to be involved in the implementation of the projects.

- For the year 2006–8, RCARO secured about 50,000 US\$ from the UNDP/Korea and is trying to find matching fund of 0.2–0.3 Mil. US\$ from the host government.
  - Our proposal accepted by the UNDP/Korea is on the relief of Tsunami affected area through application of nuclear technology
    - To solve the problems such as finding drinking water resources, examination of building cracks, and examination of contamination of ocean

# Summary of RCARO's effort to secure fund

Year	Fund expected	Projects
2005	50,000 US\$ (Host Gov't)	?
2006~ 2008	0.2~0.3 Mil. US\$ (UNDP/Korea, Host Gov't) – not fixed	Relief of Tsunami Affected Area

## Points to Discuss

1. To find appropriate project for 2005
2. How to proceed the RCARO/UNDP project  
– Feasibility, subjects, process, etc.
3. To propose any appropriate projects for the future

## ■ Projects in consideration for the year 2005

- They should produce extensive effect on the Region
  - Training in nuclear medicine with the cooperation of the Asian School of Nuclear Medicine and ARCCNM\*
  - Training on use of cyclotron
- Any other suggestion will be welcomed.

Note: \* stands for Asian Regional Cooperative Council for Nuclear Medicine

# Next step

- Discussion at this workshop
  - Collection of ideas and proposals pertaining to the projects
- Consultation with the donors & governing bodies
  - Host government: MOST, UNDP/Korea, Steering Committee
  - RCA: SAC, GC, NRM
- Implementation of projects
  - 2005 pilot project may start after the endorsement of the governing body
  - 2006 pilot project may start after the 28<sup>th</sup> NRM

# Possible Outcomes of the workshop

- Record of the discussion
- Conclusion
- Recommendation



# Others to Discuss (Day Three— after wrap-up discussion)

## ■ Partnership with PEMSEA

- They invite RCA to the East Asian Seas Congress 2006 (12–16 Dec. 2006, China)
- Their proposal to RCARO include
  - to be a member of the Int'l advisory committee
  - to be a Sponsoring Org. and Co-organizer for the workshop on “Radio-isotope Tech. for Coastal Ocean Management”
  - to assist in identifying speakers
  - to participate in the exhibition

\*\* Note: PEMSEA stands for Partnerships in Environmental Management for the Seas of East Asia



Thank you.

# Plans for Partnerships

## ■ UNESCAP

- Identification of mutual interest and cooperative areas
- MOU among ESCAP-RCA-RCARO for Implementation of Co-operative Projects

## ■ IMO/GEF

- RCA Session at 2006 PEMSEA Conference

## ■ KOICA

- Nuclear medicine internship training programme

## ■ Others

- Participation in ADB's environmental programme
- UNU Radiation Applications Programme