



IAEA

International Atomic Energy Agency

Looking to the future of the Technical Cooperation Programme in Asia and the Pacific

TCAP NLO virtual meeting
2 Dec 2020

2021



IMPLEMENTATION OF 2021

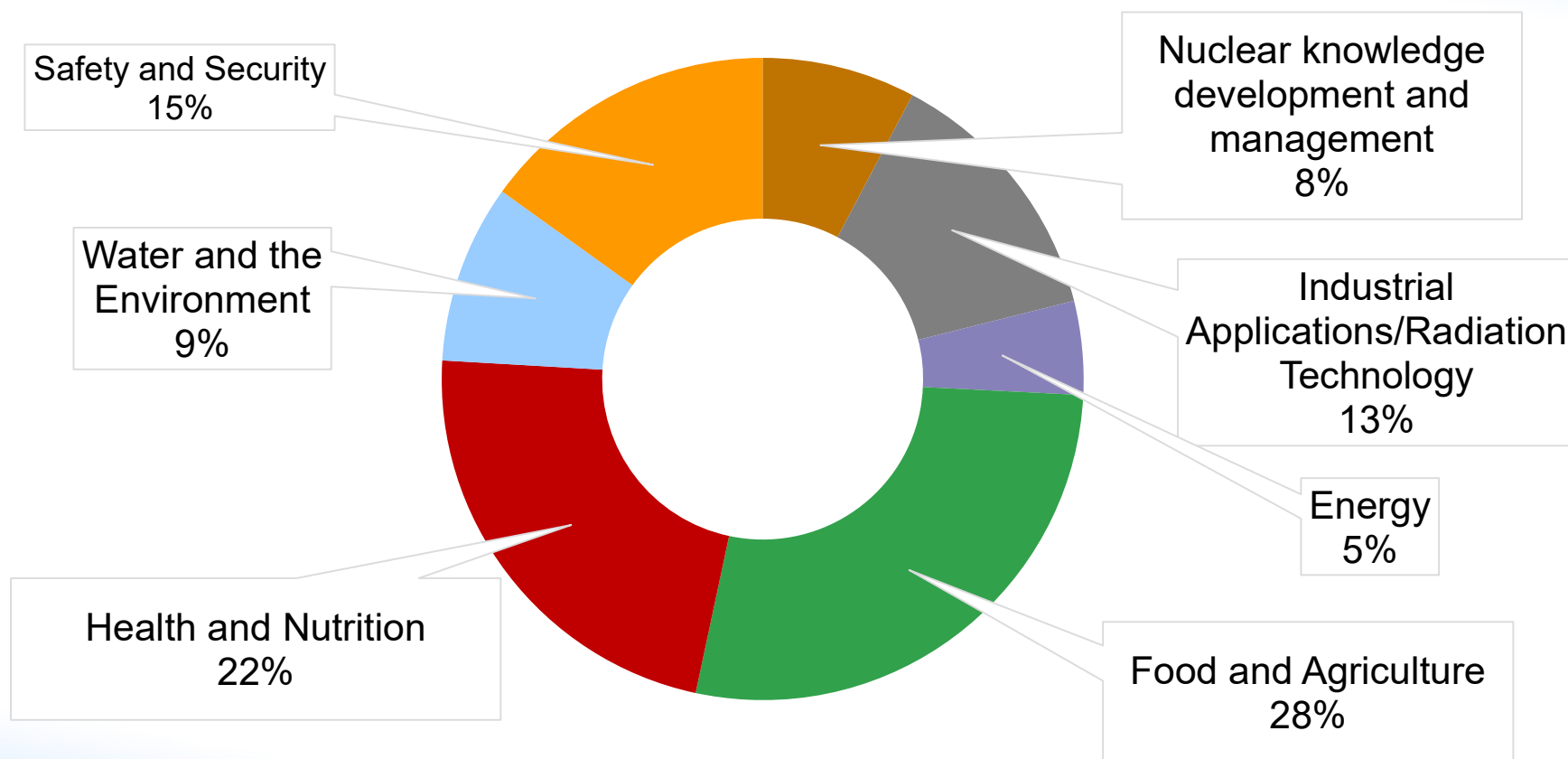
e-PPARS of 2020

PLANNING OF TCP2022-2023

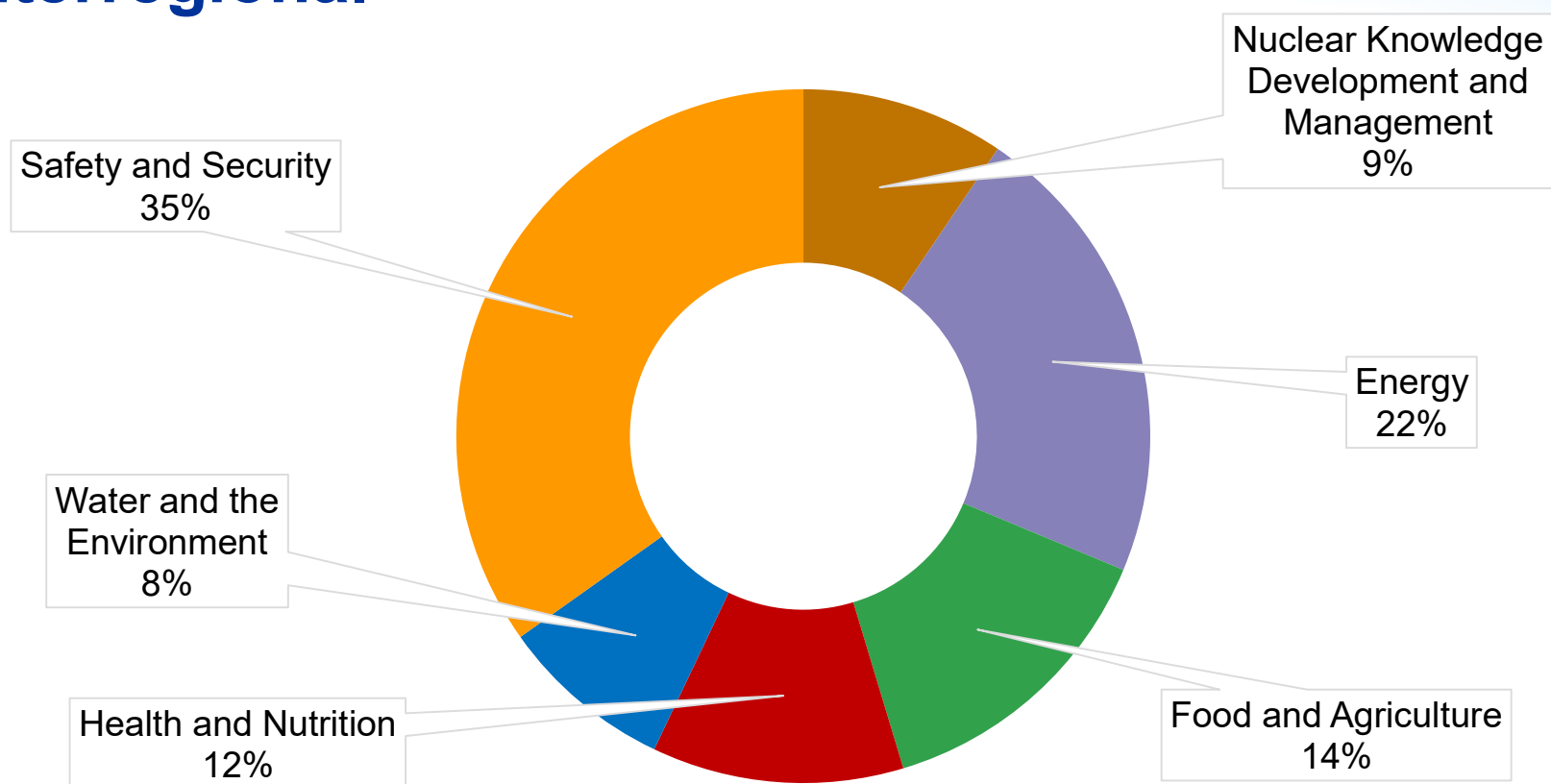
May 17: finalization of project designs in PCMF

Nov : Review by TACC and Approval by Board

Core programme distribution by region: **Asia and the Pacific 2021**



Core programme distribution: **Interregional**



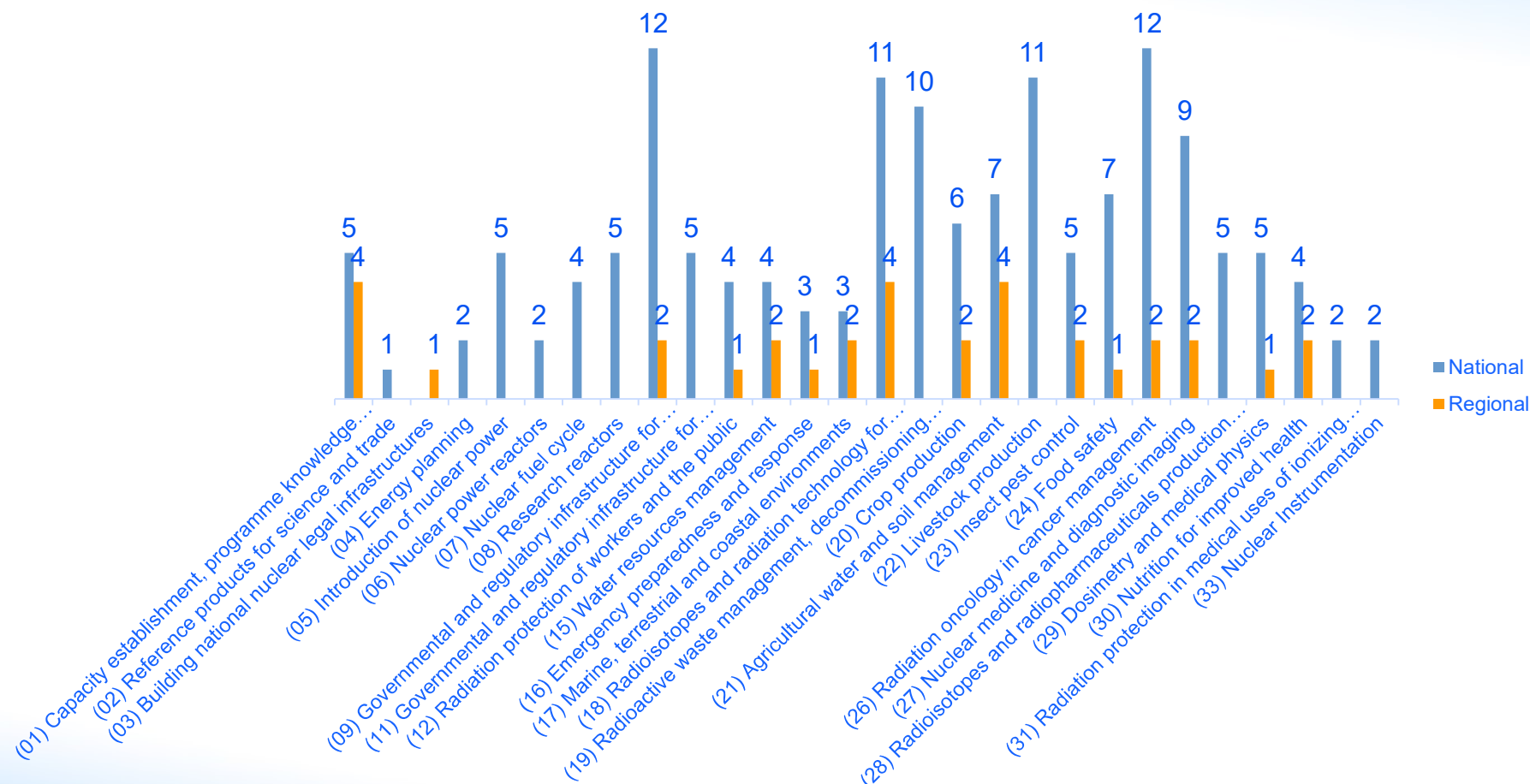
TARGETS: EFFICIENCY AND EFFECTIVENESS

- 100% Quality
- 90% of IR
- 100% ePPAR
- Timely submission of inputs for implementation for EQ and HR
- Stories at completion
- Timely completion of TCP 2022-2023 programme

THE FUTURE 2022-2023

TCP 2022-2023 by FOA

184 PROJECTS (National: 151, Regional: 33)



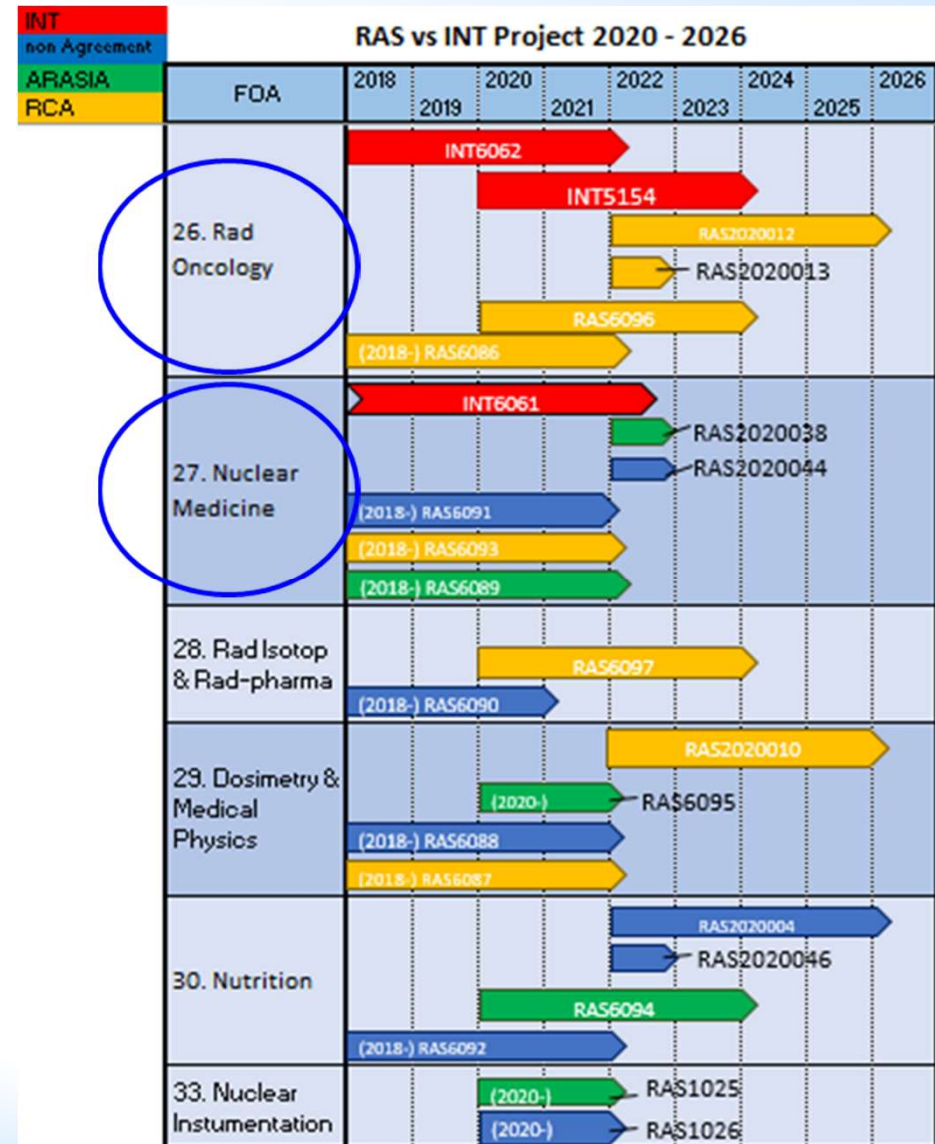
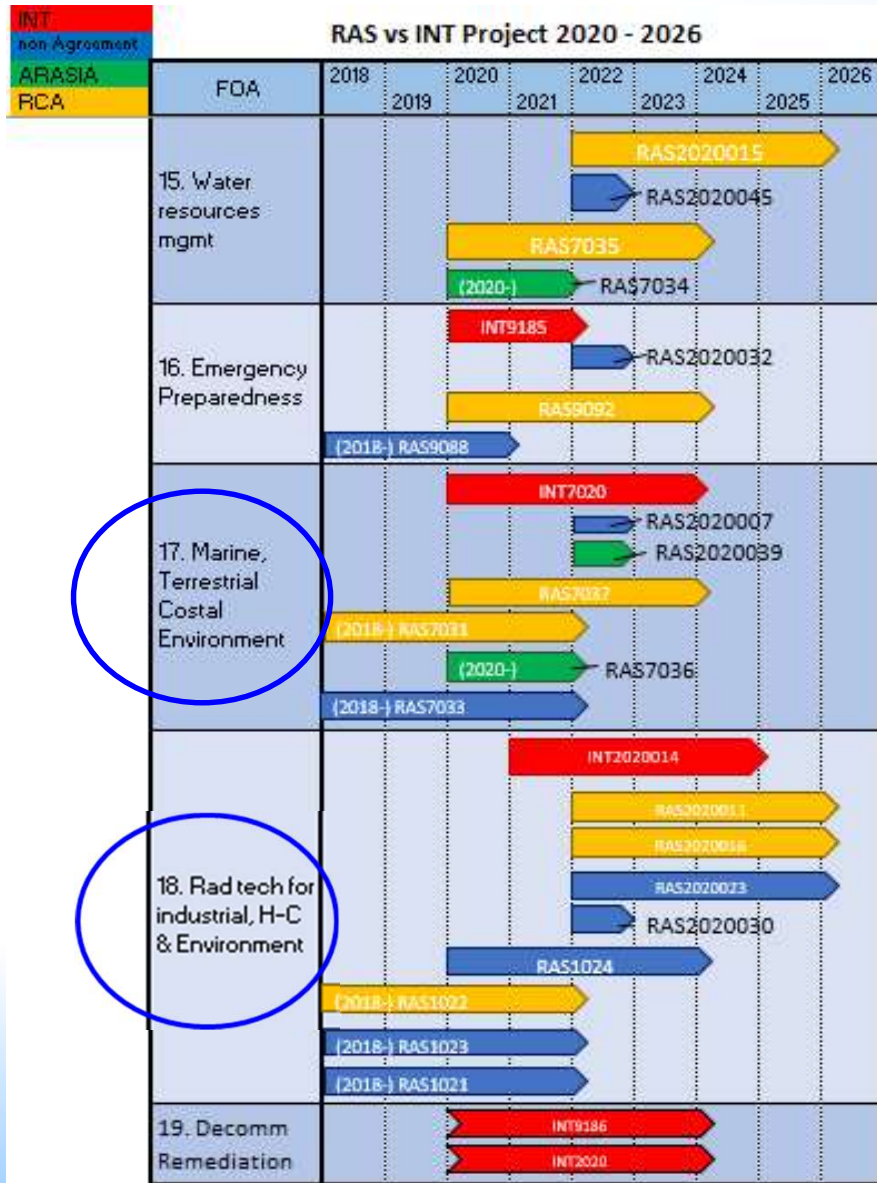
Several regionals and nationals on same FOA:

→ → opportunities for synergy and convergence for optimal efforts

Optimize and synergize

Several regionals and interregional on same FOA:

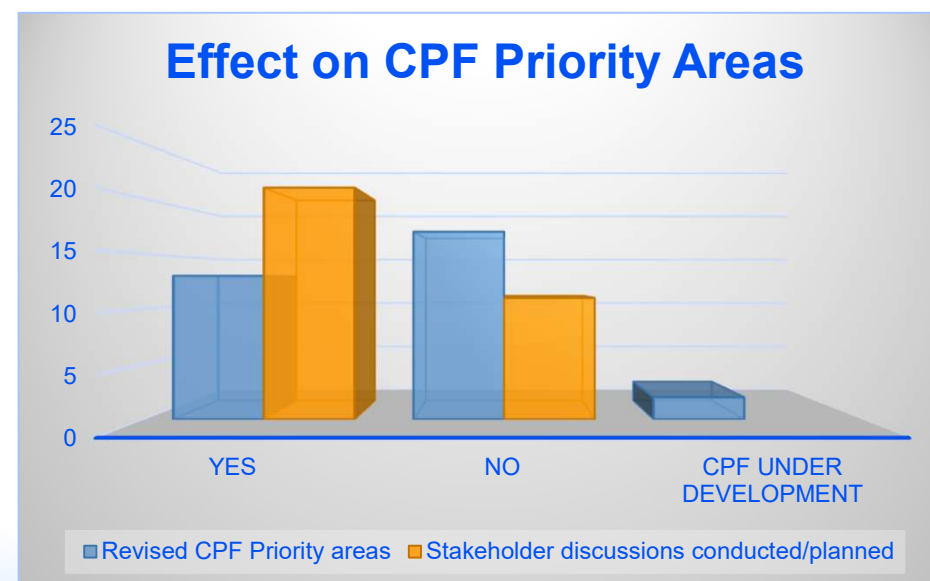
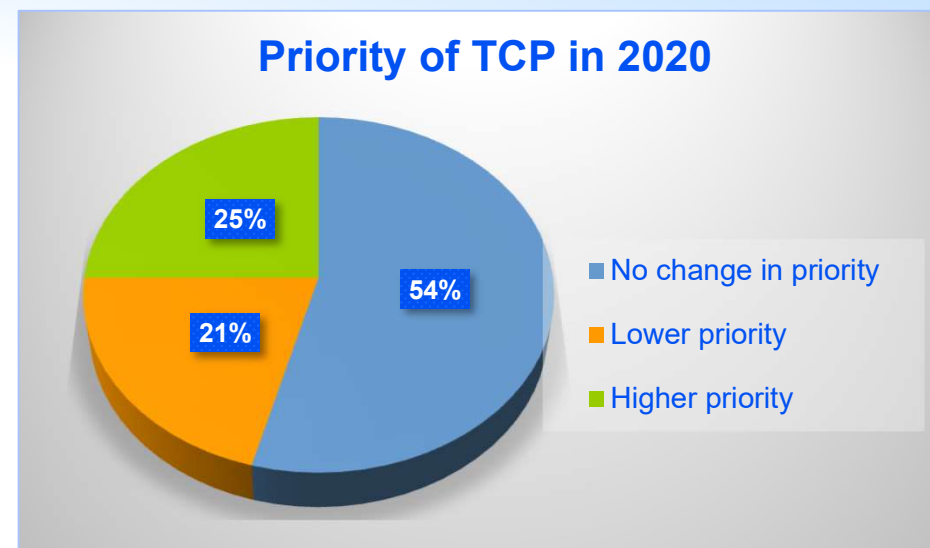
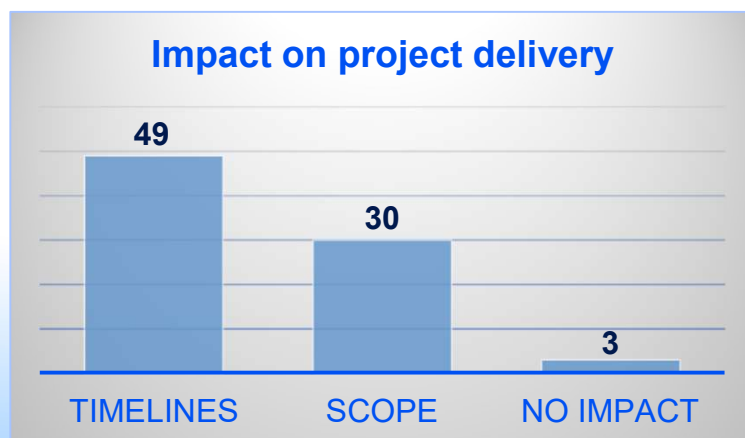
→ → opportunities for synergy and convergence for optimal efforts EA



RESPONSES TO QUESTIONNAIRES FROM MS IN ASIA AND PACIFIC

Responses received

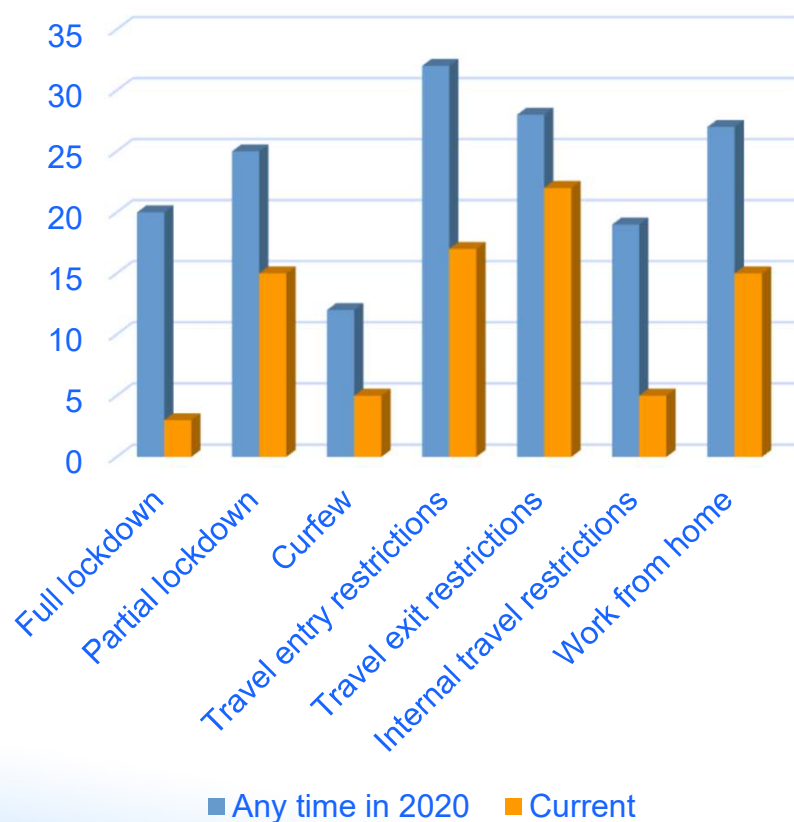
- 51 responses
 - 37 countries/territories
 - 21 NLO's
 - 20 NLA's
 - 6 ARASIA/RCA representatives
 - 2 Permanent Mission
 - 2 other
- Significant impact on TCP 2020



COVID-19 restrictions and assistance



COVID-19 restrictions



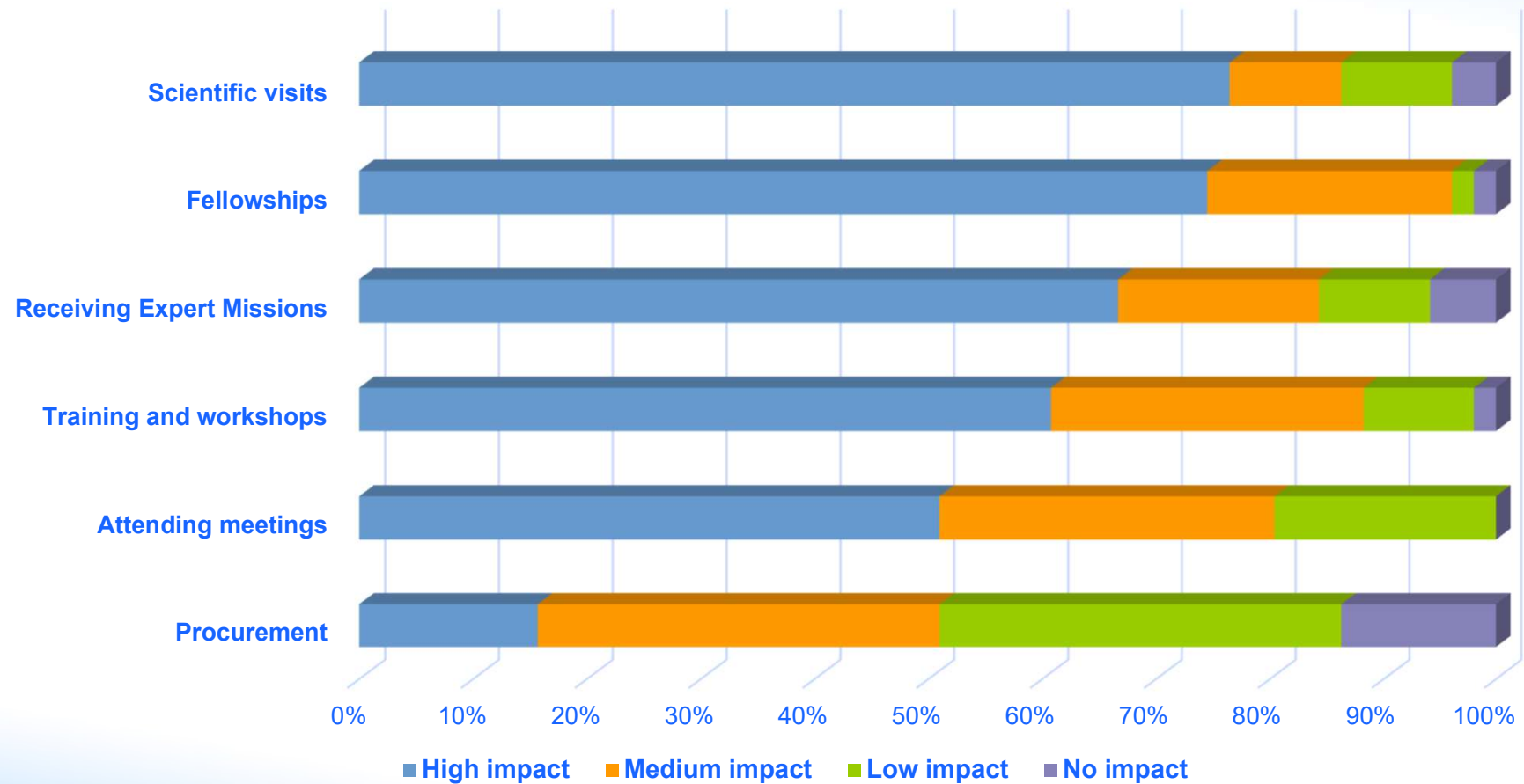
Other restrictions: social distancing, masks and reduced meeting sizes

- 27 countries & territories in TCAP received assistance
- Ideas for extra support:
 - Additional testing equipment (e.g. RT-PCR kits)
 - Capacity building
 - Extend ongoing projects
 - Implement in-person activities (e.g. FE, SV...) as soon as pandemic is over
 - Knowledge management and sharing forums
 - More consumables
 - Veterinary kits
 - Webinars
 - Zodiac

Impact on TC activities

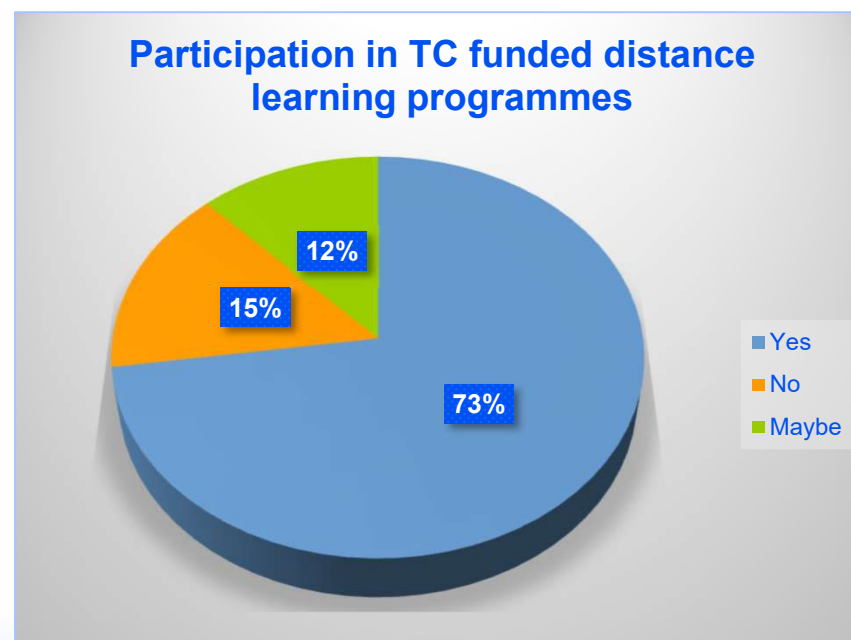
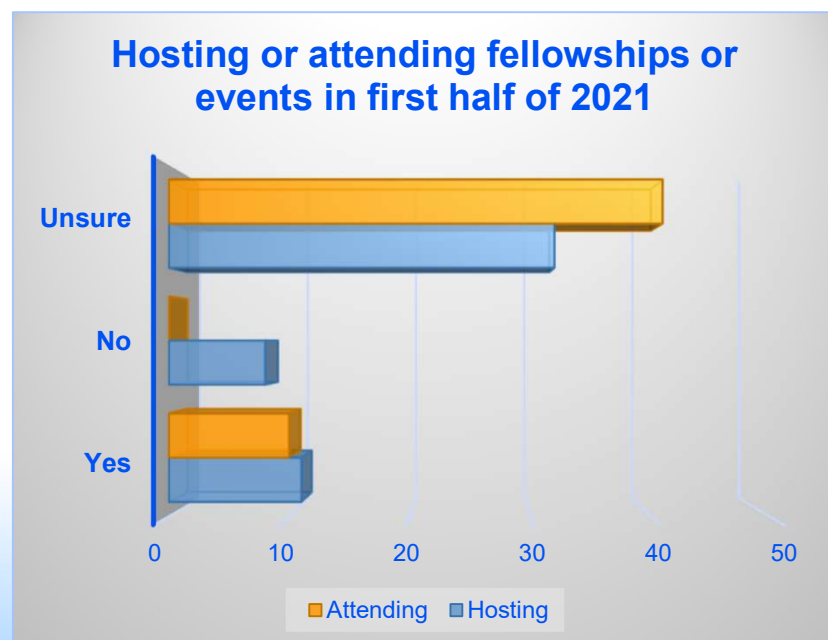


Impact of COVID-19 on delivery of TC activities



Fellowships and events in early 2021

- Great uncertainty whether hosting of events or travel to events
- Challenges in planning
- Alternative methods to be utilized, such as:
 - **Virtual** implementation
 - 12 countries/territories can host **local fellowships** in specific FOA's
 - Significant interest in TC-funded **distance learning**



Virtual events



- **Challenges:**

- Timezones (34)
- Work commitments (21)
- Internet (20)
- Lack of VC equipment (14)
- Other (5) and Nil (4)

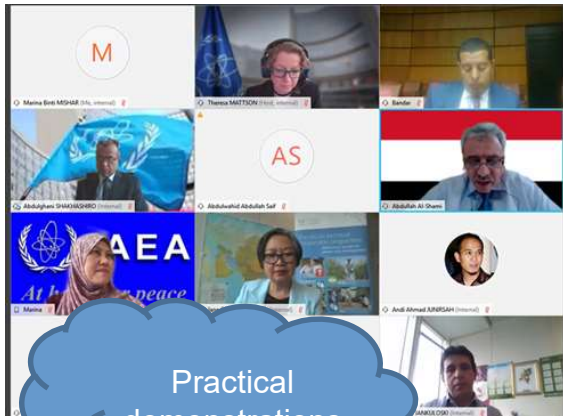
- **Advantages:**

- Greater participation
- Flexibility
- Reduced costs
- Saves travel times/jetlag
- Recorded meetings
- Safe implementation of TCP

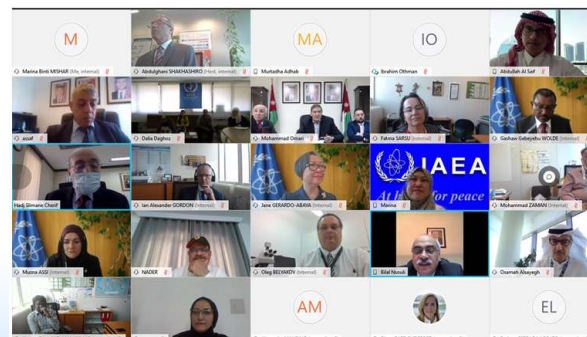
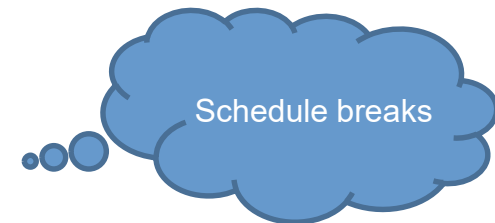
- **Disadvantages:**

- Lack of face to face/practical learning
- Less interactive discussions and sharing
- Limited time windows
- Less effective

Enhancing virtual events



Practical demonstrations



Further enhancement of TCP expressed through the survey questionnaire



- **Regular coordination meetings** between PMO, NLO, NLA and CP's
 - (e.g. quarterly virtual meetings)
 - Pre-project support
- **Regular national meetings** (NLO, NLA and CP's) to enhance local communication and coordination
 - Active role of NLA's to facilitate coordination
 - National workshops for CP's on TC processes (procurement, FE's, SV's EM's etc)
- Support more **local procurement**
- Expert Missions:
 - **Use of national experts** for EM's
 - Share **EM mission reports** with NLO/NLA/CP
- Enhance **process for placing** FE's/SV:
 - Database of experts and facilities in the region
 - More specific instructions from TO's and PMO's
- PMO's
 - **Minimize rotation** to provide more consistency and effective delivery
 - **Efficiency and competence** of PMO's is very important for effective delivery

Looking forward



- TC Programme responding to the evolving needs of Member States:
- Adaptation and innovation in a new environment: Enhance methodologies for interactions like virtual
- Optimize resources across national, regional and INTs through greater synergies, coordination and collaboration
- Hand in hand with Member States
- National implementation of fellowships in specific FOA's
- Distance learning

Consider these in planning for TCP2022-2023

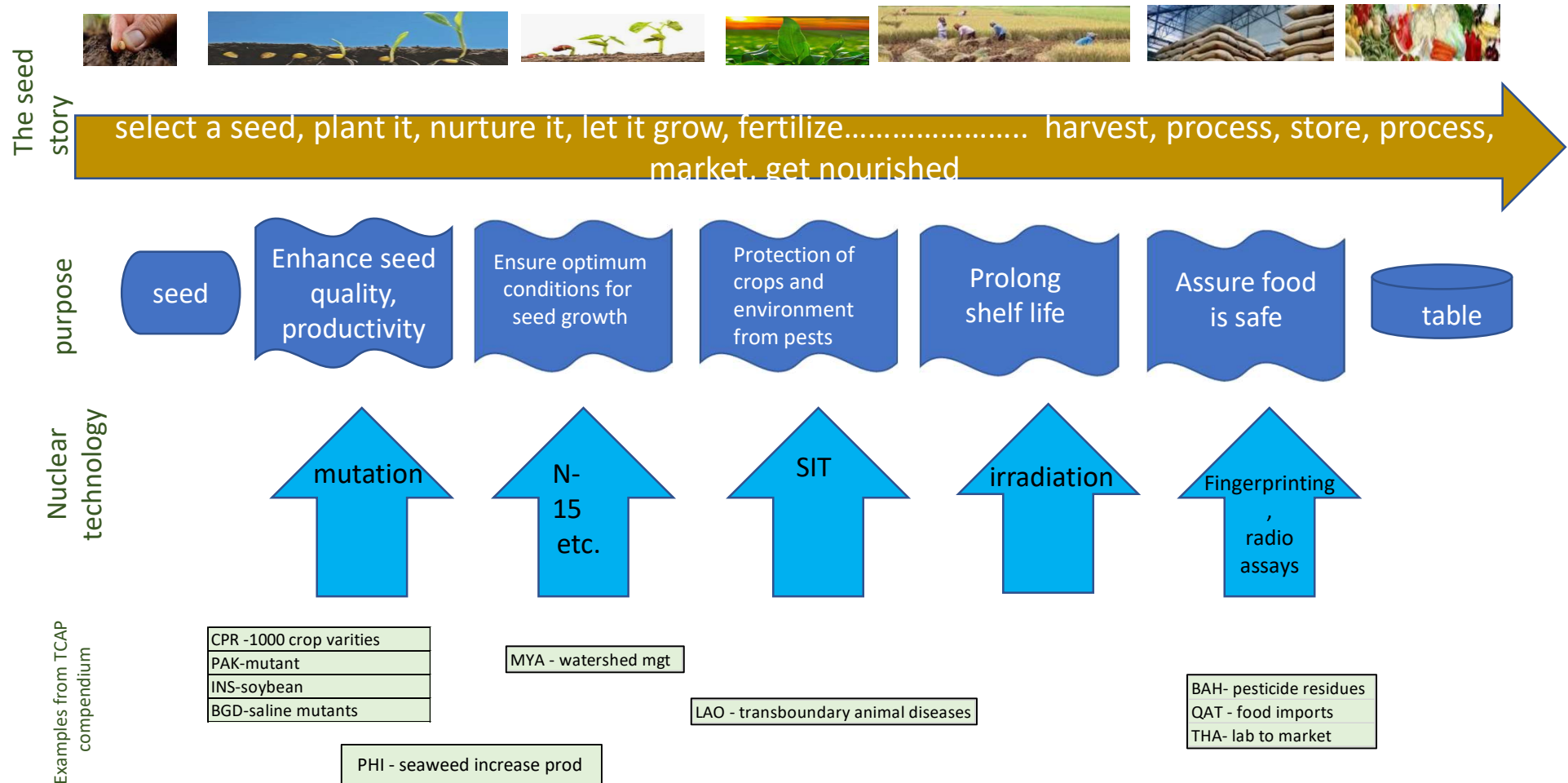
PGEC 2021

- Bright hope for PGEC Arabic Chapter Q2 2021 and restart after 10 Years
- Jordan expressed interest to Host
- EduTA Mission conducted Virtually
- Further consultation in Progress



FOOD AVAILABILITY AND SECURITY

Rural development for socio-economic impact through
the complete agricultural chain supported by nuclear technologies



NLO Handbook

Chapters

1. Radiation Safety
2. Human health;
3. Food and Agriculture;
4. Industry;
5. Nuclear Power;
6. Environment; and
7. Cultural Heritage



Contributes to the achievement of UNSDG 2: Zero Hunger

[Problem statement of UNSDG 2]

Benefits/Contributions

[in bullets form: Example:

- Extended food shelf life; less food spoilage
- Reduced risk of food-borne diseases caused by micro-organisms such as Campylobacter, Salmonella, E. coli and Listeria (especially in meat, poultry and fish)
- Etc...

Links to web success stories, existing facilities (CC, RRC etc) in the region

Science and Technology behind it

[Brief description of science and techniques related to the sub-chapter]

Links to IAEA relevant Website, IAEA Videos in YouTubes,

Minimum Infrastructure Required

- Facilities
- Human Resource
- Etc...

Link to Journey to success

Radiation Safety Requirements

- Legal and Regulatory Infrastructure established
- Reference or Link to the related code of conducts and guidelines

TCAP 2021



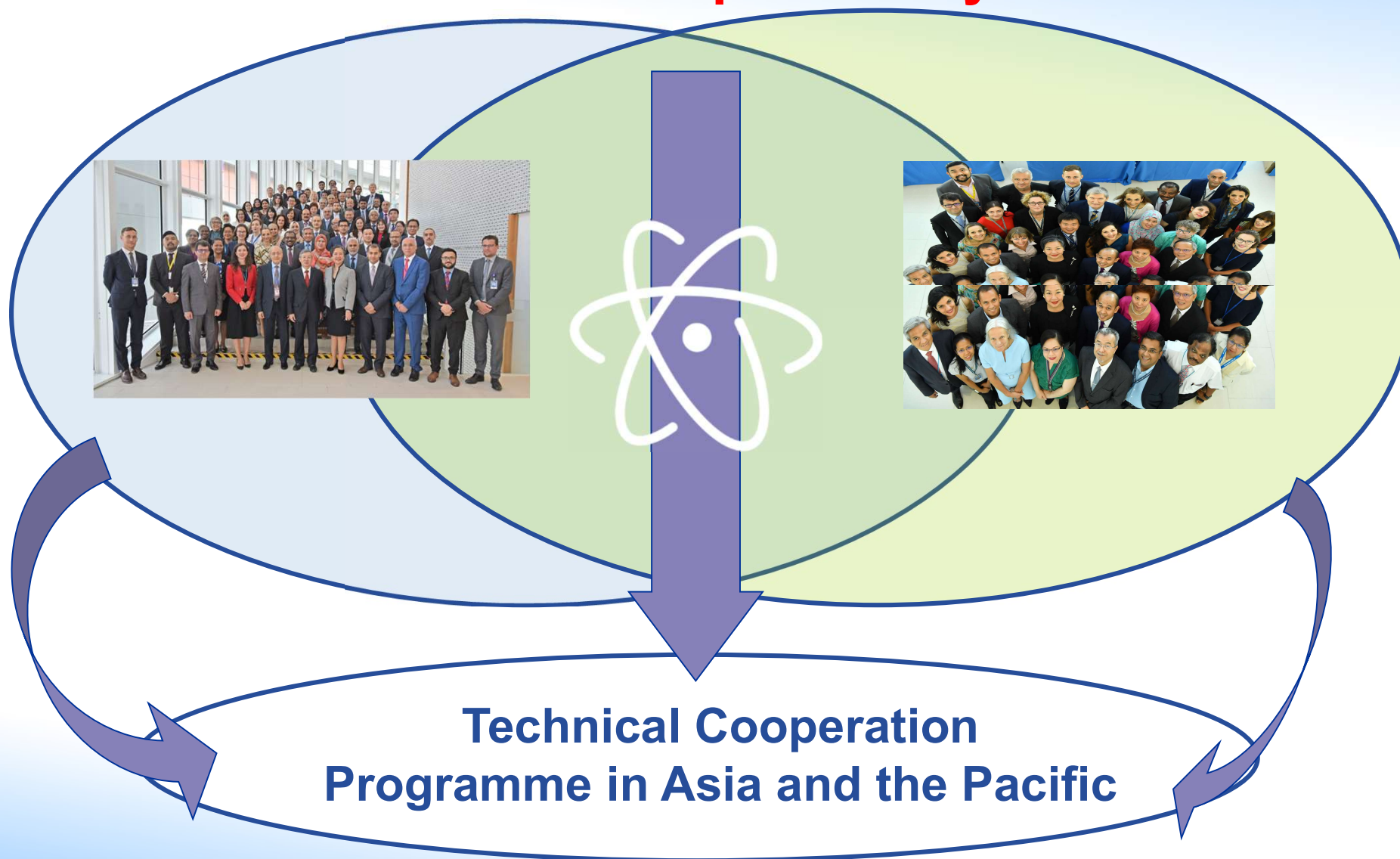
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- NLO and NR Meeting
- Beijing, Postponed to July 2021
- In the Interim Virtual NLO, RCA NRs and ARASIA Reps Meeting Dec 2, 2020

Important timelines in 2021

- Jan: Continue implementation of TCP 2020-2021
- Jan: Continue preparation of TCP 2022-2023
- Jan: Webinar on Procurement Process and on HR Implementation
- Jan: Survey Open to Potential TC Partners for HR Activities via NLOs
- **Mar:** RCA NR
- **Apr:** ARASIA NR
- **Jul:** Next NLO + NR meeting

A noble privilege and opportunity to share responsibility



Coming to You!

Our TCP Journeys, Documented in the “Compendium of Journey to Success” and the “Social and Economic Impact Assessment of Mutation Breeding in Crops of the RCA Programme in Asia and the Pacific”



Social and Economic Impact Assessment
of Mutation Breeding in Crops of the RCA
Programme in Asia and the Pacific



Technical
Cooperation
Programme



**THANK YOU FOR YOUR
ATTENTION**