



IAEA

International Atomic Energy Agency

The 2020 Technical Cooperation Programme in Asia and the Pacific: Updates

**TCAP NLO virtual meeting
2 Dec 2020**

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Action Plan of the NLO/NLA Workshop

July 2019



NLO/NLA Workshop



Enhancement of the
efficiency and
effectiveness



Optimum use of
existing partnerships
and establishment of
new partners



Finalization of
Compendium of
journey to success
and lessons learned



The effects of the COVID-19 pandemic and the delivery of the TC programme in 2020



Immediate management response



- Business continuity: **virtual working arrangements** for all staff
- Immediate action to ensure **safety of fellows and scientific visitors** as global lockdown began: **25 repatriations for TCAP**



- **Continuous communication** with all TC stakeholders
- **Postponement and re-organization** of TC activities (FEs, meetings, training courses, expert missions, etc.)



- Immediate mobilization of resources under INT in response to MS requests for **COVID-19 assistance 27 for TCAP**

Seminar series on COVID 19



- TCAP spearheaded the collaboration with WHO-WPRO for virtual seminars on various topics.
- 4 Webinar Series for COVID-19 testing laboratories in the Asia and the Pacific Region, eventually expanded to other regions **benefitting a total of 884 Participants from 89 countries**

1

**Basic Set-up of a
Molecular Diagnostic
Laboratory for the
Detection of COVID-19**

Wednesday, 19 August 2020

[View recording →](#)

2

**Sample Collection
and Preparation
for RT-PCR**

Friday, 28 August 2020

[View reco](#)

3

**Real-time RT-PCR
Result Interpretation
with Quality
Assurance and
Quality Control**

4

Problem Solving

INTENSIVE ONLINE INTERACTIONS FOR CONTINUED PROGRAMME DELIVERY (1)

- Intensive consultations for necessary adjustments on the reprioritization of activities, including upgrading footnote/a activities amongst MS and IAEA project team
- Virtual **Meetings and Expert Mission** for remote expert guidance and support through Home-Based Assignments;
- Virtual **project coordination**, work planning, etc.
- Several Webinars for NLO and CP induction sessions

Continuation of TC programme delivery (2)



- Emphasis on radiation safety:

A screenshot of a webinar interface. The background is blue with the IAEA logo and text. The main title is "WEBINAR 'The importance of RASIMS for the design, the implementation and the monitoring of the TC programme'". Below it, the date "20 August 2020" and the organizer "Department of Technical Cooperation, Division for Asia and the Department of Nuclear Safety and Security, Division of Radiation, Transport and Environmental Protection" are listed. A small video inset in the top right shows a woman speaking. A "Participants" window is open on the right, showing a list of names and their join/leave times.

IAEA
International Atomic Energy Agency
Atoms for Peace and Development

WEBINAR "The importance of RASIMS for the design, the implementation and the monitoring of the TC programme"

20 August 2020

Organized by:
Department of Technical Cooperation, Division for Asia and the
Department of Nuclear Safety and Security, Division of Radiation, Transport and Environmental Protection

Participants

Name	Joined / Left
Asad Ejaz	08:58 am / 10:08 am
Amal Al Alawi	08:58 am / 10:18 am
Alfonso Singayan	08:58 am / 10:18 am
ALAN BORRAS	08:58 am / 10:18 am
aye aye myint	08:58 am / 10:18 am
ANNASTASIA P...	

- In Arabic on Emergency Preparedness and Response (EPR) and on Medical Response to EPR with IEC

Continuation of TC programme delivery (2)

IAEA Legislative Assistance Support Under RAS0085

- Comprehensive and coherent national legislation is essential to ensure the safe, secure and peaceful use of nuclear technologies.
- UNDER RAS0085 IAEA offers assistance to its MSs in developing nuclear legislation and in understanding and implementing international legal instruments in this field.
- A comprehensive programme for 2020/2021.
- Virtual National Workshop/ Seminars and Meetings on Nuclear Law, Viet Nam, Bahrain
- supported the organization of the Legislative Assistance Webinar Series (8 Webinars)

CONTINUATION OF TC PROGRAMME DELIVERY (3)

- Continued placement of long term **fellows**
- Rescheduling face2face HR Events like FE/SV/TC
- Advancing 2021 **Procurement**, according to good progress of RSI and considering possibility of local Procurement
- Support to the LDC and SIDS to enhance virtual communications.
- Continuous **monitoring** of active TC projects through the TC Reports platform e-PPAR for actions by MS with target of 100%

Planning for the TC cycle 2022-2023

Uninterrupted
preparations
for next cycle

Concepts received, feedback provided,
draft designs under review

Online support for project design quality,
through virtual events

Offline discussions on-going; CPs to
submit via PCMF

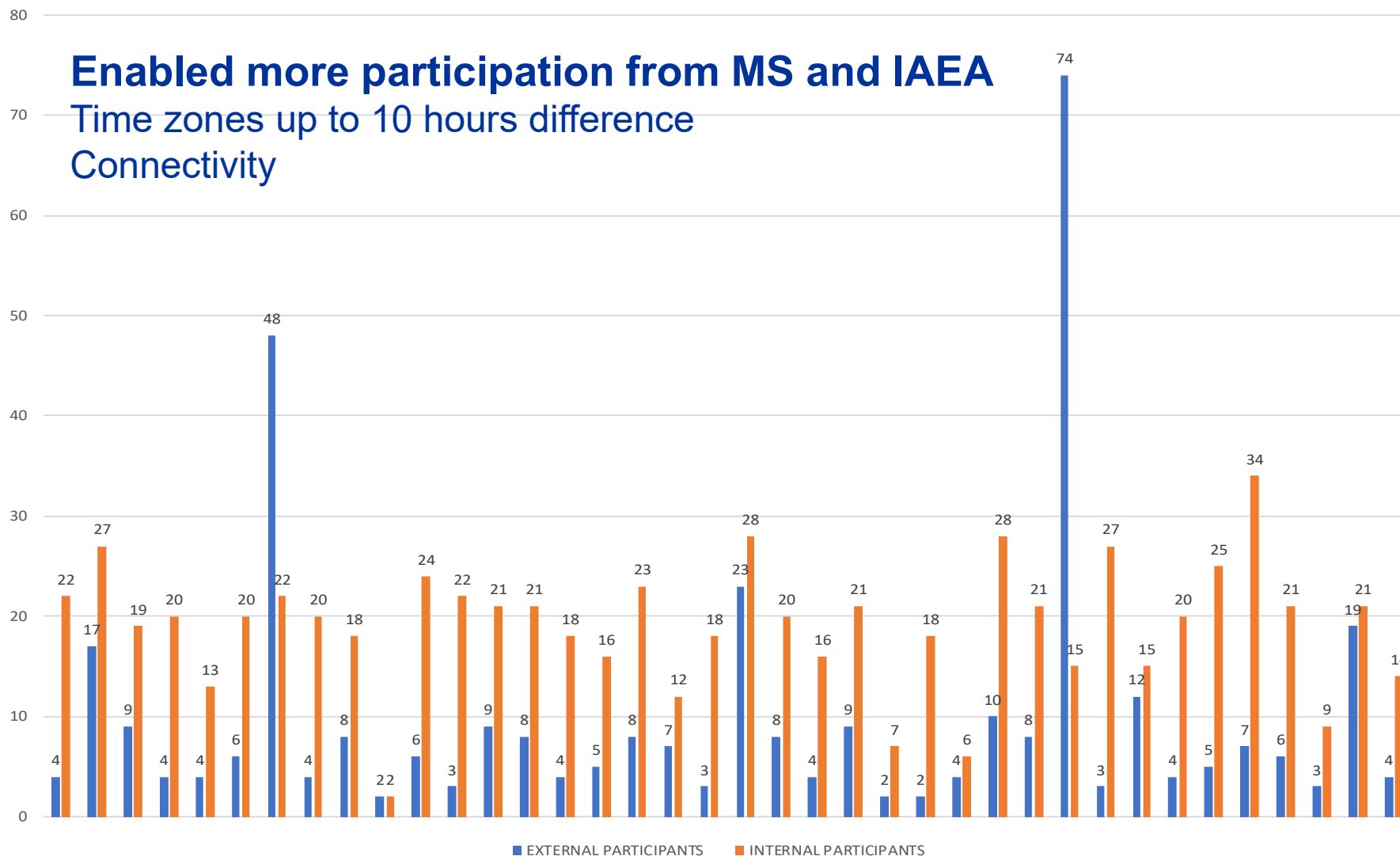
180 national and regional concepts in
design phase: due Dec 14

64th GC Bilateral Meeting of TCAP (including RCA and ARASIA)



64th meetings of TCAP (Sep.7 - 30, 2020)

Enabled more participation from MS and IAEA
Time zones up to 10 hours difference
Connectivity



Printed outreach materials

- New country overview series for Asia/Pacific

<https://www.iaea.org/services/technical-cooperation-programme/overviews-of-iaea-support-to-member-states-and-territories/asia-and-pacific>



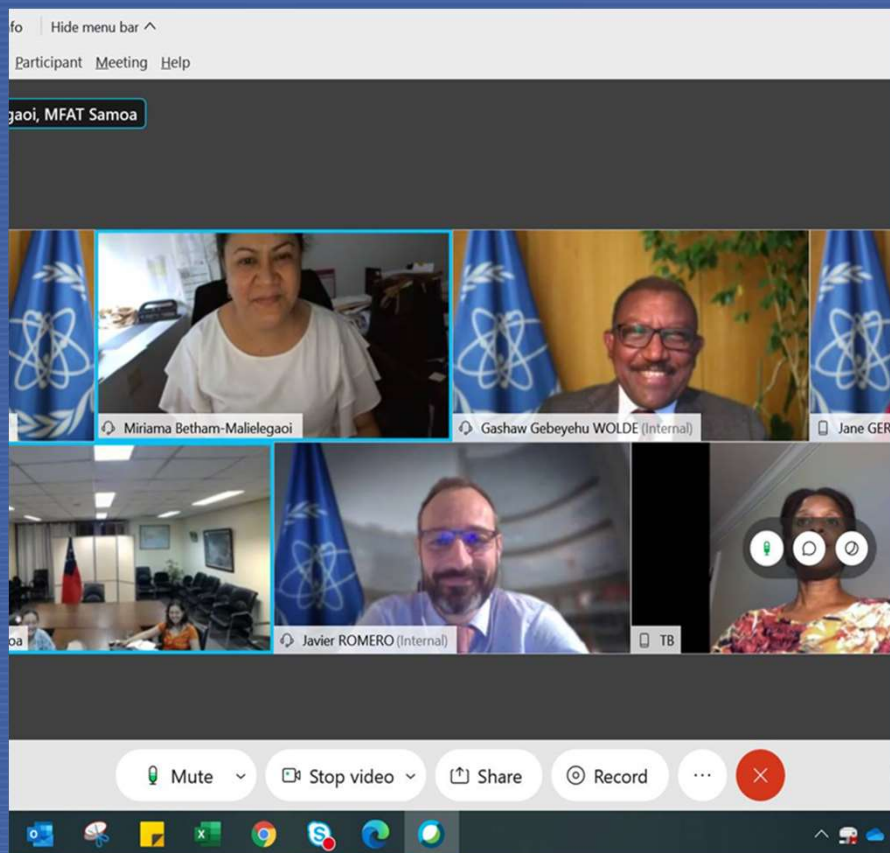
CPF signing

- Indonesia signed in Sept. 2020



- Lao PDR, planned in Dec 2020
- Several under review for 2021

Induction of New MSs (Samoa)



Road Map and Key Steps for Integrating New Countries to the Technical Cooperation Programme



Operationalization of Partnerships

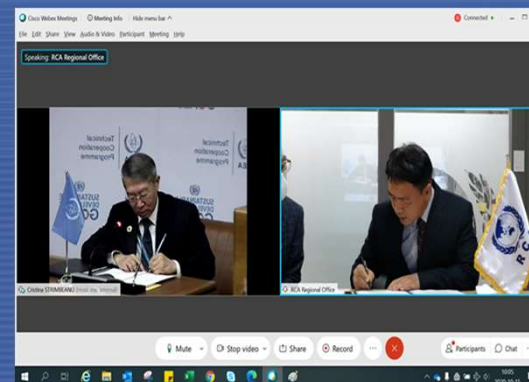
- Agricultural Value Chain Improvement
- Emergency Preparedness and Response
- Possible Inclusion in Cultural Heritage Protection



Support for preparation of the project document for
strengthening of Nuclear Medicine Centres of
Bangladesh



Extension of the RCARO PA 2020-2023



IAEA-WHO WPRO



South-East Asia



- WHO-WPRO
Complementing the IAEA COVID support
 - Action Plan, in 4 areas
 - Joint Informative sessions, Webinars Series,
 - Training
 - QA in COVID testing labs
 - Ensuring Continued supply of alternative reagents
- Expanding the Cooperation to: SEARO and EMRO

The Sub Regional Approach for the Pacific Islands (SAPI)



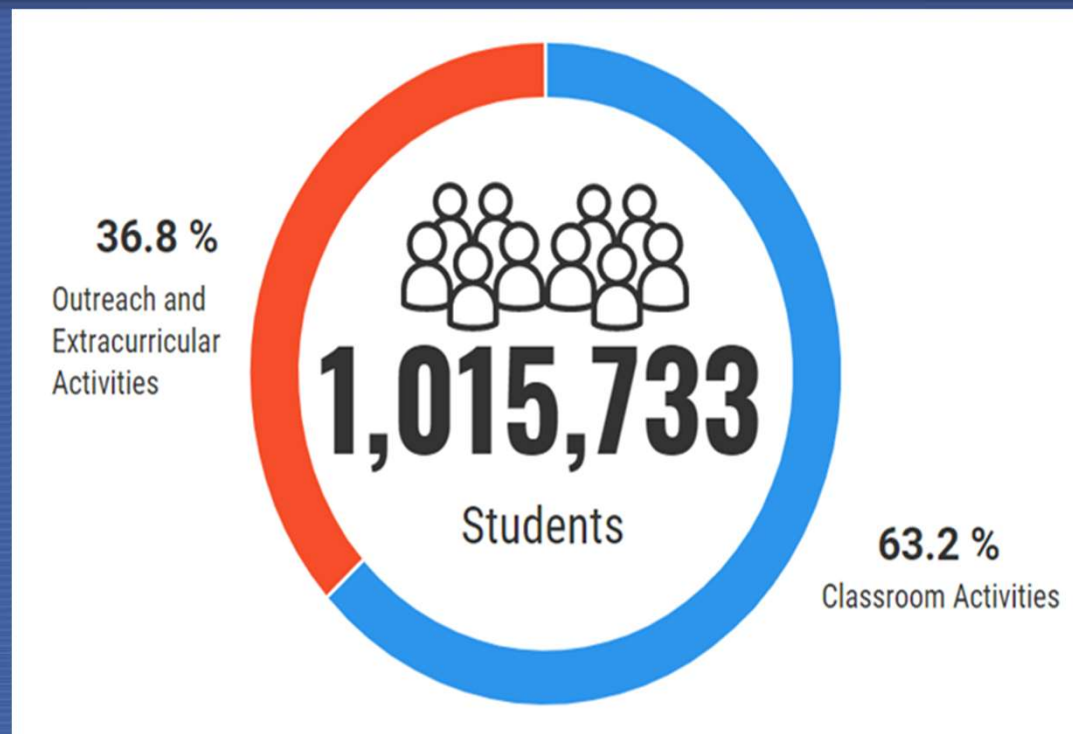
- Responding to the commonality of the needs and similarity of the context of PIs
- SAPI is mainstreamed from a White Paper to Concrete Set of Sub-Regional Projects in key priority areas: Radiation Safety, Nutrition, Marine, Environment, Radiotherapy, Agriculture)

NST in Secondary school - the one million target



The Multiplier Effect

Teachers train other teachers and eventually train students in schools through engaging curricular and extracurricular activities.



Cumulative number of students reached in 2019.

The total number of students who benefited from the program is already 101% of the 1,000,000 target. Project report of April 2020

Next step: Tertiary level through International Nuclear Science and Technology Academy (INSTA)



2021

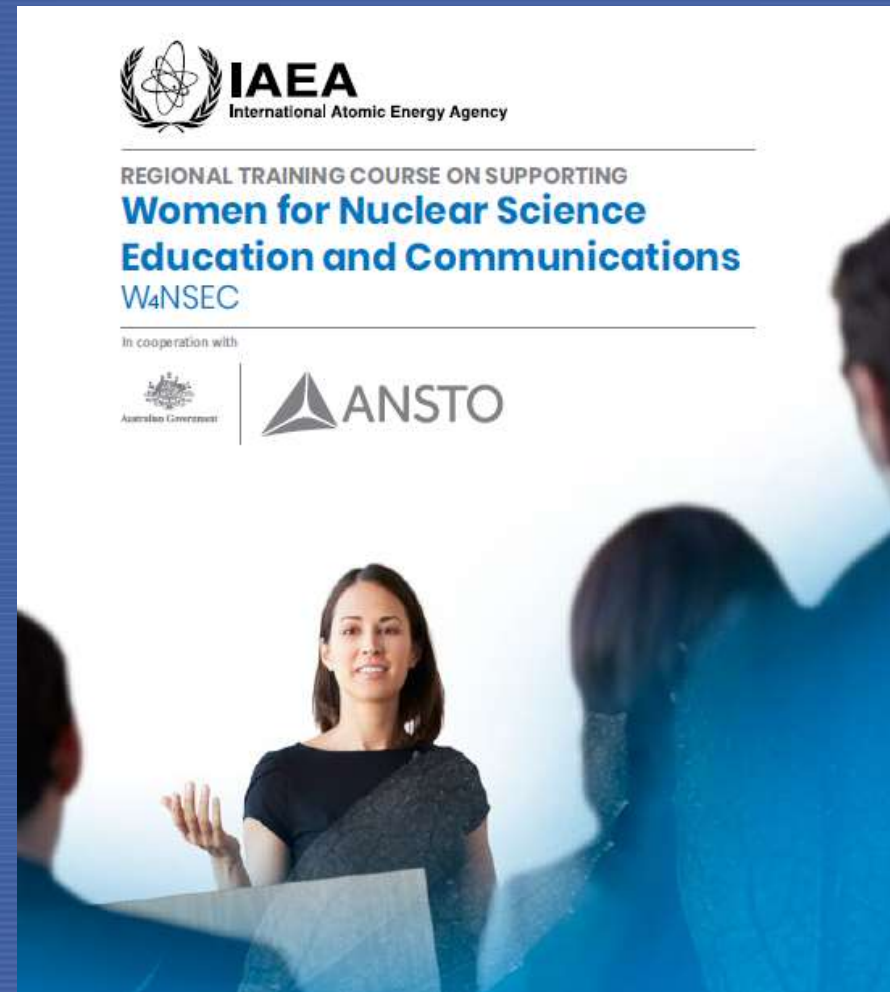
**International Forum on Nuclear
Science and Technology
Academy
March 2021**

REGIONAL PROJECT 2022-2025



IAEA-ANSTO (W4NSEC Goes Virtual)

- A continuing education program for female university science teachers and science communication professionals
- 30 Nov-11 Dec 2020



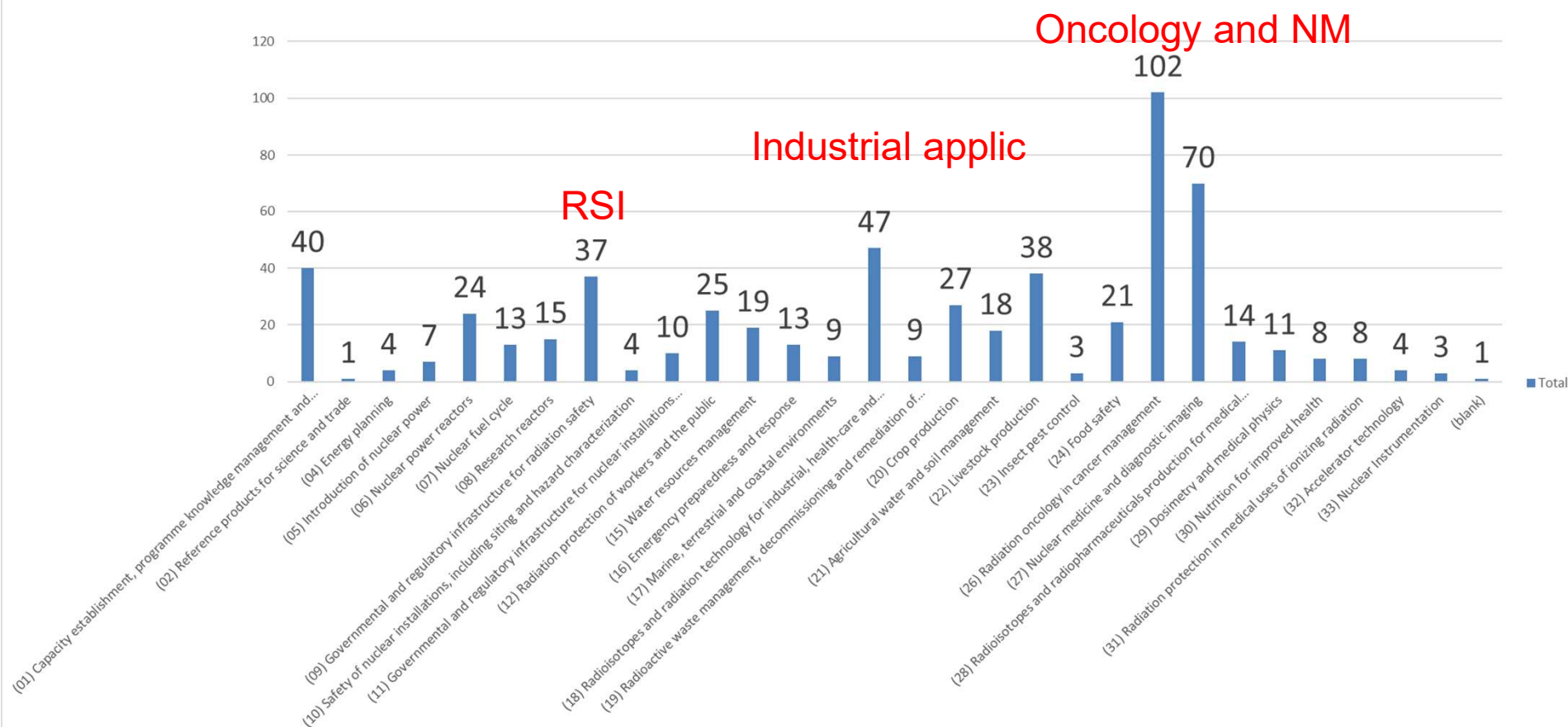
PERSISTING CHALLENGE

TCAP Fellowship by FOA



Count of FS Number

Fellowship Number in FoA (605)



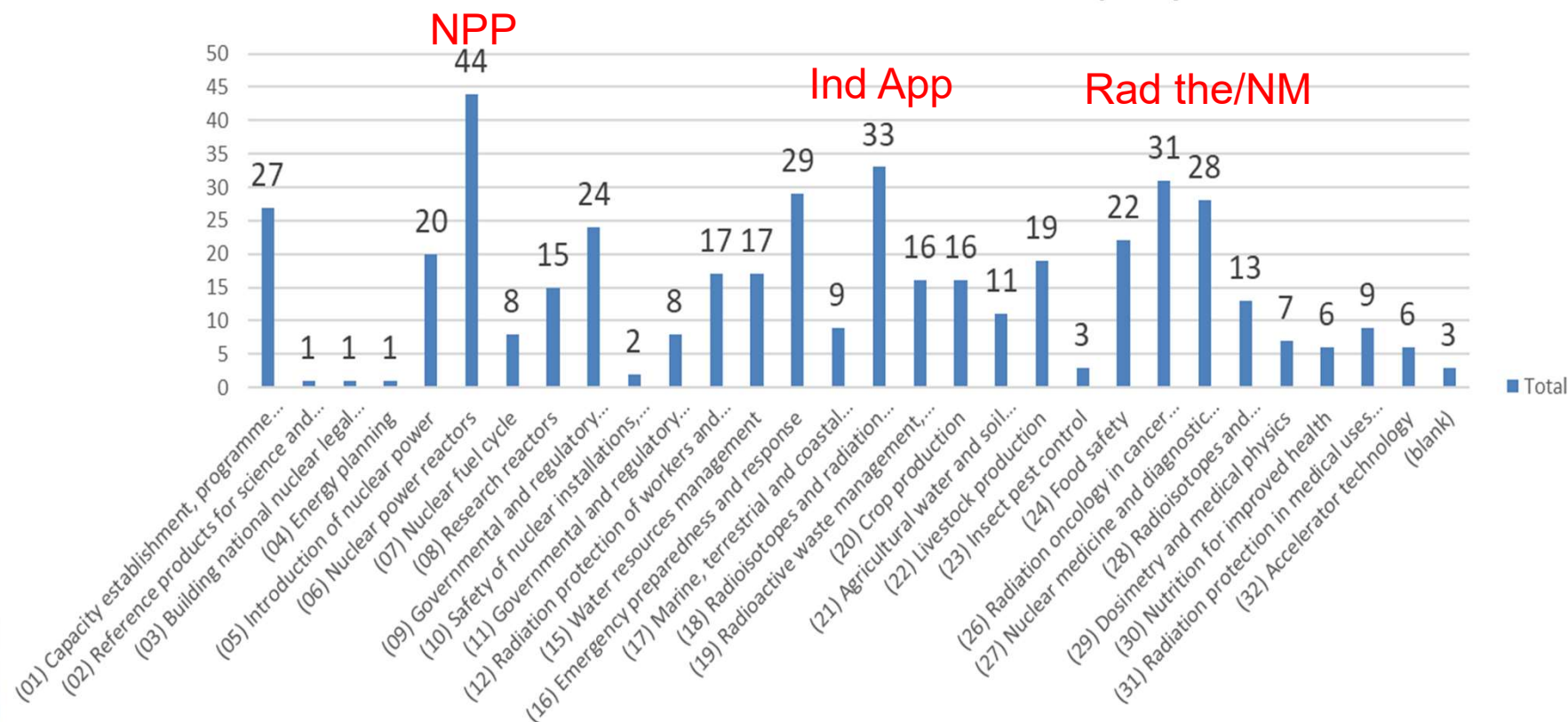
Fields of Activity

TCAP Scientific Visit by FOA



Count of SV Number

Scientific Visit Number in FoA (446)



Field of Activity ▼

TCAP Strategic Capacity Building Approach



the
challenge

Travel restrictions affecting fellowship placements:
postponement or cancellation

Conventional HR Activities in TCAP

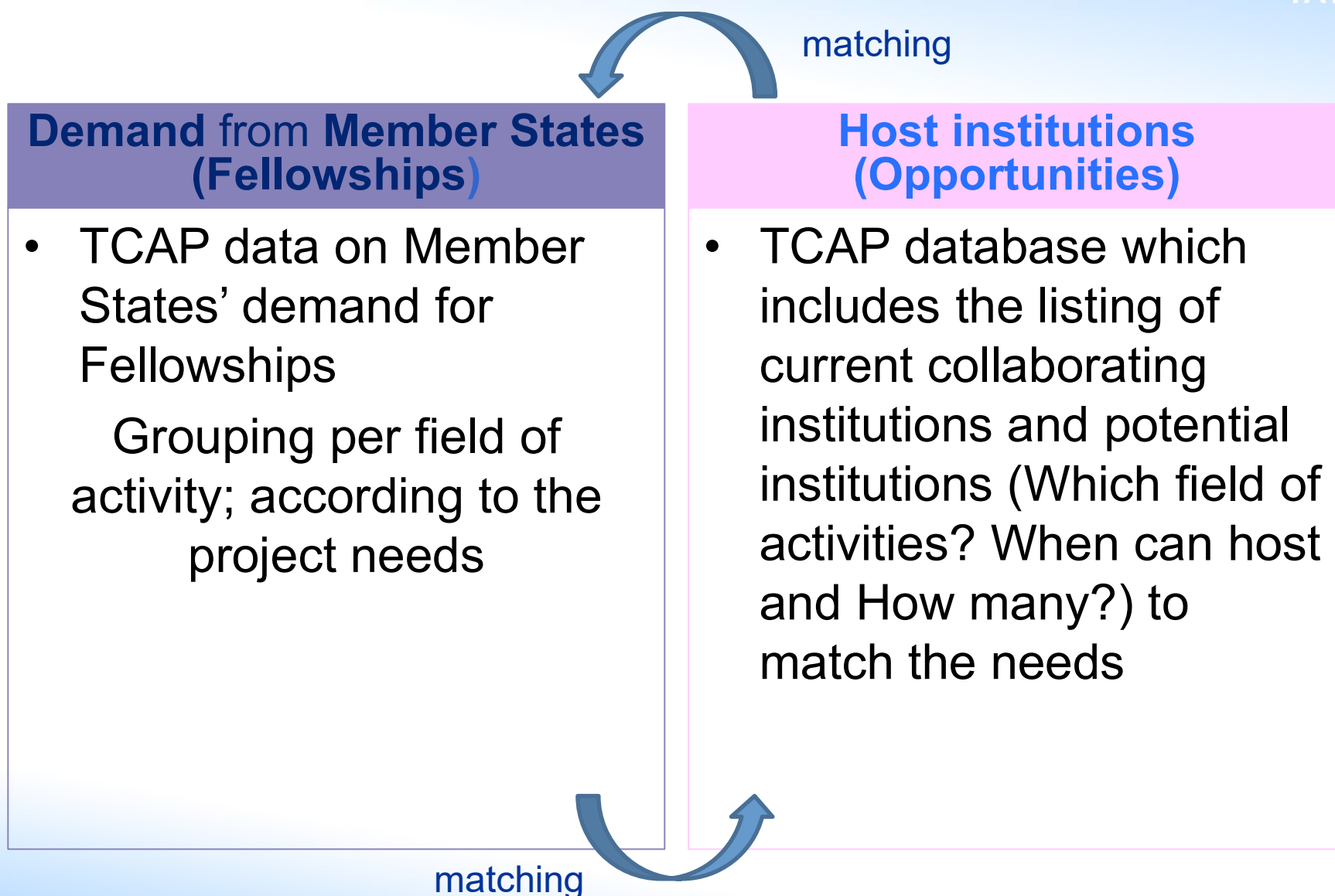
- Short-term duration (10 days, a few weeks etc., less than 6 months)
- Face-to-face events in the Host institutions
- With a small number of Fellowships

Solutions

HR Activities (considering the COVID-19)

- ✓ Long-term courses are effective and resilient to effects of COVID19 quarantine: MSc/PhD
- ✓ Virtual events and/or “Sandwich programmes” (includes virtual learning and face to face learning)
- ✓ Virtual EMs, eg., EDUTA, Review Missions (ex 15 member team)
- ✓ Hybrid in the interim, a combination of internet based learning followed by face to face training when possible
- ✓ National implementation
- ✓ Group Fellowships (several participants) are efficient.

TCAP Strategic Capacity Building Approach



Some solutions

- Maintain the momentum and support the needs of the MS through:
- Group FE/LT FE/National implementation
- Convert SV to meetings/virtual EM
- Interim virtual consultations with hosting institute's experts.
- Follow-up with face2face interactions when COVID19 related restrictions are gone.

Requires the continuous adjustments, support and collaboration of MS and TCAP

