

# Technical Meeting on the Assessment and Evaluation of the Occupational Radiation Protection Appraisal Service (ORPAS)

Virtual Event  
13 – 17 September 2021

Latin America and Caribbean region

Luiz Ernesto Matta (Brazil)  
[luiz.matta@ird.gov.br](mailto:luiz.matta@ird.gov.br)

# Personal Involvement

As a mission leader

- Venezuela, Ecuador and Chile

As a follow up mission leader

- Uruguay

As a consultant

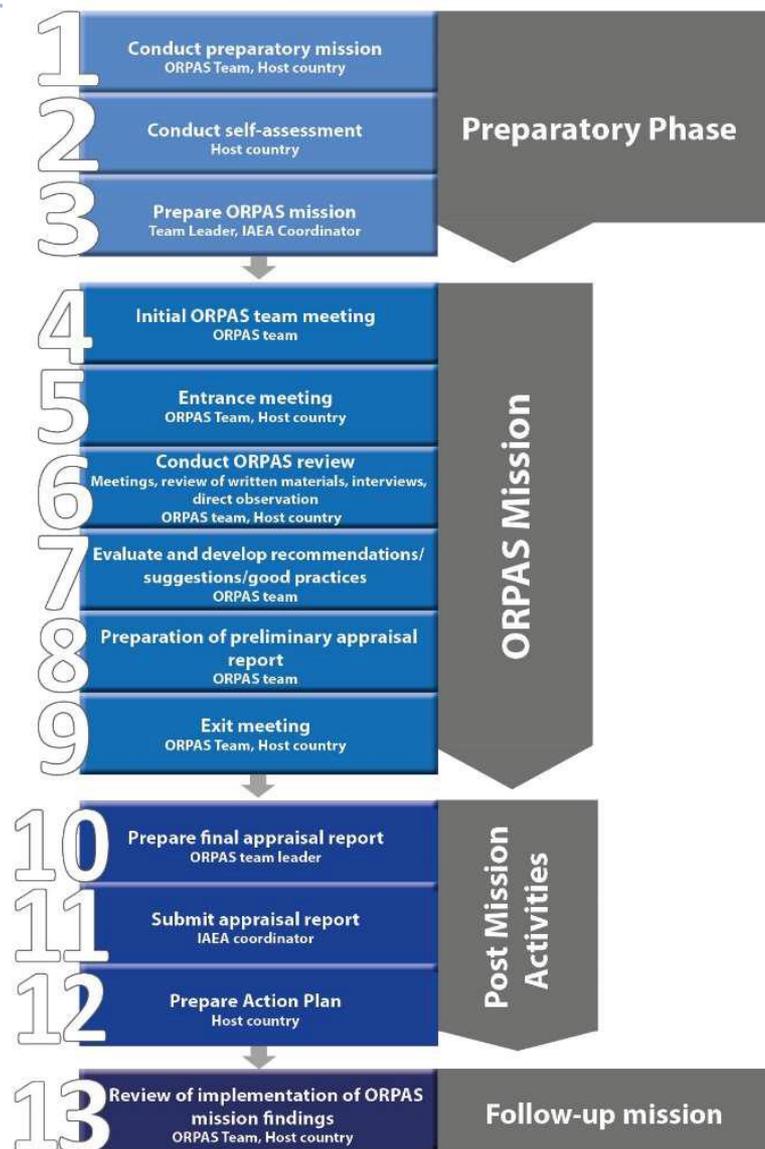
- ORPAS Guidelines

# Installations

	MS 01	MS 02	MS 03	Total
Medical	3	3	6	12
Dosimetry	2	1	5	8
Calibration	1	1	1	3
Final Users	3	3	6	12
				35,00

# The Mission

- The general objective of an ORPAS mission is to enhance national occupational radiation protection arrangements' effectiveness.
- For this we must deeply involve the host country not only through governmental organizations, but also service providers, operators and users in general.
- In my experience, after the pre-mission, there are always new installations interested in participating in the ORPAS mission.



# I would like to mention...

- We know that all 13 phases are important, but a well-performed self-assessment yields additional gains
- And let's not forget about logistics, which is very important.
- In all missions, counterparts and facilities that open their doors to ORPAS are very interested and often show us some improvement already made at the closing meeting.

# I would like to mention...

- The feedback we get from member states is also fantastic and it can be seen that those who are strongly involved in the action plan, now have occupational radiological protection in line with the IAEA requirements.
- During ORPAS missions we often find good practices that we encourage to be disseminated in the region.
- As I said before, all phases are important, but sometimes, small details are not in the books.

# I would like to mention...

- ORPAS could:
- Help member states, how to define criteria for authorization of service providers. (GSR Part3 and GSG7).
- Emphasize the identification of possible occupational exposures due to naturally occurring radioactive material and how to manage them.
- Disseminate the safety culture

# Good Practices

- At one facility, a quality control program for personal protective equipment (aprons) was identified.
- A medical unit has a clearly established quality and RP management structure, with an organizational chart that defines those directly responsible for radiological protection and safety, the safety management requirements and the curricular characteristics they must have.
- A company with an integrated quality system was also found to comply with ISO9001: 2008, ISO14000: 2004 and ISO18000: 2007 standards.

# Final Considerations

- The ORPAS mission is one of the review missions and advisory services, in my point of view, that brings a direct benefit to those who participate in the mission.
- It's a win-win type of service. A real win-win. Everyone wins!
- So I would like to encourage the representatives of the member states to apply for an ORPAS mission, as you will see the gain your country will obtain.



Thank you very much

Luiz Ernesto Matta (Brazil)

[luiz.matta@ird.gov.br](mailto:luiz.matta@ird.gov.br)

[lematta@ird.gov.br](mailto:lematta@ird.gov.br)