

Regulatory Cooperation Forum

GNSSN 13th Steering Committee Meeting

8 November 2018

Vienna, Austria

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RCF Chairman

CEO of NNR, South Africa





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1. RCF background I1

- ❑ Regulatory Cooperation Forum (RCF) was established in **June 2010**.

- ❑ **RCF objectives**
 - To promote collaboration and cooperation among RCF members to improve coordination of support to regulatory infrastructure development for regulators in embarking countries.
 - To contribute to achieving and sustaining a high level of nuclear safety, consistent with the IAEA Safety Standards and Guidance.
 - To optimize resources among RCF members and avoid unnecessary support duplication through improved coordination.

- ❑ **RCF Chairman and Vice Chairman**
 - Mr Bismark Tyobeka, Chief Executive Officer, NNR, South Africa
 - Mr Nader Mamish, Director, Office of International Programs, NRC, USA



1. RCF background I2

29 RCF members

- **12 providers:** Canada, China, Finland, France, Japan, Korea, Pakistan, Russia, UK, USA, EC and IAEA
- **14 recipients:** **Jordan** (2010 active), **Viet Nam** (2012 active), **Poland** (2014 active), **Belarus** (2014 active), **Bangladesh** (2018 active), Chile, Egypt, Iran, **Nigeria** (2018 active), South Africa, **Sudan** (2018 active), UAE, **Ghana** (2017 active) and **Morocco** (2017 active)
- **3 observers:** Germany, Kenya and OECD/NEA

RCF Activities

- Steering Committee:** Annual meeting mainly on policy-related issues
- Support Meeting:** Annual meeting on updating Action Plans of support activities
- Plenary Meeting:** Annual meeting in margin of the IAEA General Conference
- Meeting with active recipients:** To exchange experience among active recipients
- Support activities:** Workshops and others based on Action Plans, and working group meetings upon necessity

RCF implementation framework

- Extra-budgetary funding from Japan
- 1 CFE from Japan



2. Current activities I1

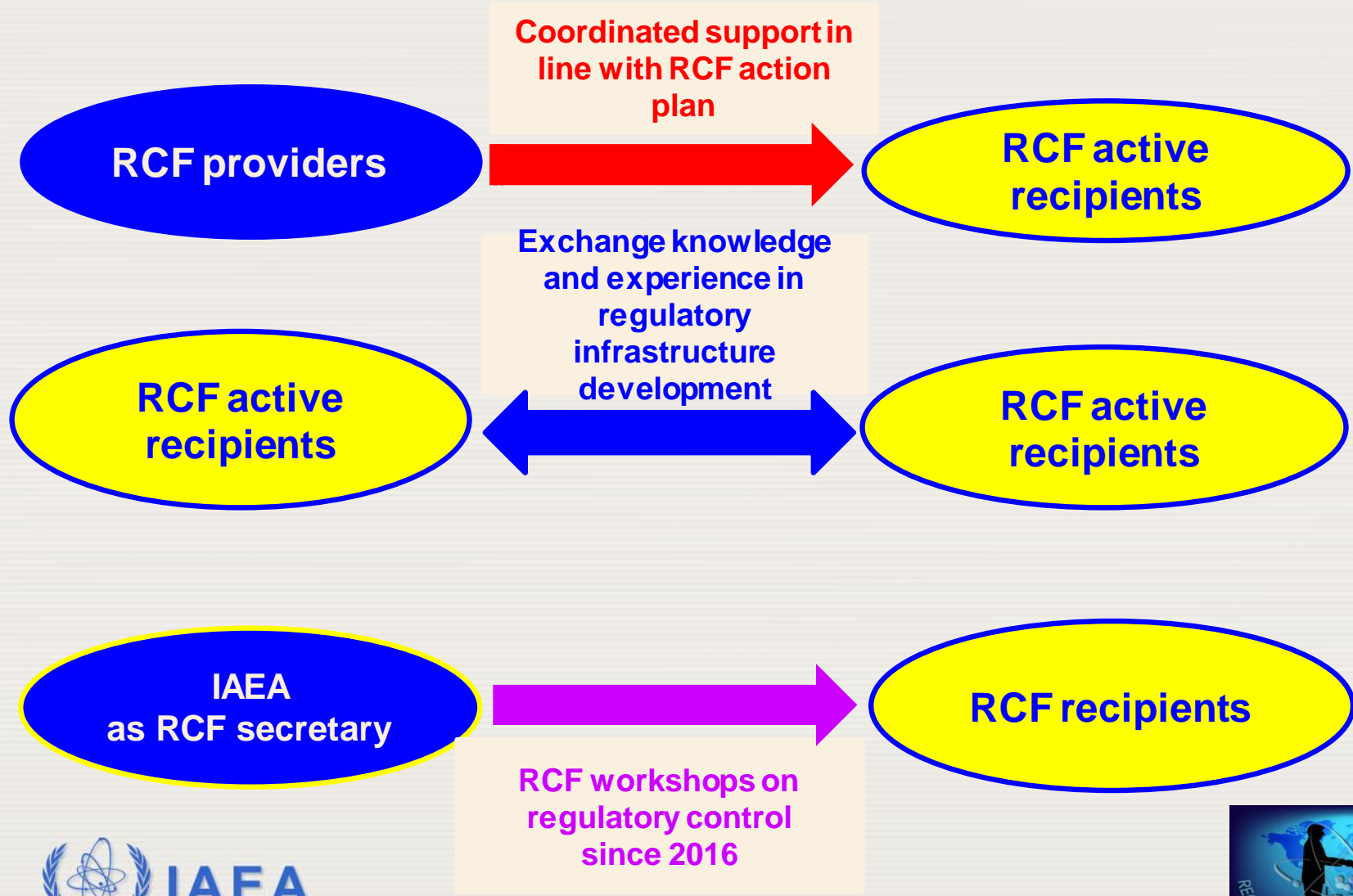
- ❑ **RCF Regulatory Control Workshop on Licensing** in July 2017 in Vienna: 16 participants from 11 RCF recipient countries (Bangladesh, Belarus, Chile, Egypt, Ghana, Iran, Jordan, Nigeria, Poland, Sudan, Viet Nam) and the EC.
- ❑ **RCF Plenary** in September 2017 in Vienna: around 70 participants, exchange-information on review meeting of Nuclear Safety Convention, activities related to small modular reactor, and safety culture self assessment methodology.
- ❑ **RCF / ANNuR / FNRBA joint workshop** on regulatory control in November 2017 in Morocco: 18 participants from 10 countries (Ghana, Iran, Jordan, Kenya, Morocco, Nigeria, Poland, South Africa, Tunisia, Viet Nam)
- ❑ **RCF meeting with Ghana** in November 2017: identified 4 RCF support activities for 2018 and beyond.
- ❑ **RCF meeting with Morocco** in January 2018: identified 2 RCF support activities for 2018 and beyond.

2. Current activities I2

- ❑ **RCF meeting with Poland** in April 2018: identified 9 RCF support activities (OJT) for 2018 and beyond.
- ❑ **RCF meeting with Jordan** in May 2018: identified 5 RCF support activities for 2018 and beyond.
- ❑ **RCF meeting with Belarus** in June 2018: identified 5 RCF support activities for 2018 and beyond.
- ❑ **Bangladesh, Sudan and Nigeria**: Approved at RCF Steering Committee Meeting in June 2018 to become RCF active recipient countries. Now 9 active recipient countries in total. Planning a RCF meeting with each country in early 2019 to identify support activities.
- ❑ **RCF Plenary** in September 2018 in Vienna: around 70 participants, exchange-information on drafting and revising of safety regulations and guides, with experience sharing by Belarus, Pakistan and Japan.



3. RCF support mechanisms



4. RCF meeting with active recipients and candidate active recipients I1

- ❑ RCF meeting with 6 active recipients and 3 candidate active recipients was held in Minsk in June 2018, to exchange experience in regulatory infrastructure development and discuss possible enhancement of RCF function.
- ❑ Common challenges identified:
 - Adequate funding for regulator
 - Independence of regulator
 - Human resource development
 - Drafting of regulations and guides
 - Managing of TSO
 - Public involvement by regulator

4. RCF meeting with active recipients and candidate active recipients I2

- ❑ This kind of meeting is expected to be held periodically for facilitating exchange of experience, including focusing on specific topics (e.g., inspection process) with best practices (including best practices identified by IRRS mission activities), taking into account the common challenges.
- ❑ The RCF Support Meeting will focus on specific topics in 2019 and beyond.
- ❑ Coordination of support and avoiding of duplication have been underlined, using a mapping matrix.

5. Success stories

- ❑ RCF activities implemented/ planned for **Belarus** have been supporting the preparation by GAN for the commissioning of the first nuclear reactor in 2019.
- ❑ RCF meeting with **all active recipient countries** and **all candidate active recipient countries** in June 2018 provided good opportunity to exchange knowledge and experience.
- ❑ “Advanced Licensing Exercise Project (ALEP)” was requested by **Poland** to RCF in 2017 and the project is progressing successfully with collaboration between RCF (project driver with Poland), USA-NRC and IAEA-TC. The outputs of this project will be used for other active recipient countries.

6. Conclusion

- ❑ The number of RCF active recipient countries has expanded from 6 (Jordan, Viet Nam, Poland, Belarus, Ghana, Morocco) to 9 (plus Bangladesh, Sudan, Nigeria).
- ❑ RCF has underlined “coordination” for the active recipient countries to avoid unnecessary duplication of support, using a mapping matrix on the template of SSG-16.
- ❑ The exchange of experience among the active recipient countries and the provider countries is expected to be facilitated, including focusing on specific topics with best practices, taking into account the common challenges.

Announcement

RCF workshop in February 2019

- ❑ Convention on Nuclear Safety Educational Workshop for Regulatory Cooperation Forum to be held in Vienna on 4-8 February 2019.
- ❑ Objectives: The workshop will focus on non-NPP countries already Contracting Parties and Signatory States to the Convention to enhance their participation and understanding of their obligations.
- ❑ Target countries: Bangladesh, Chile, Ghana, Viet Nam, Jordan, Nigeria, Egypt, Morocco and Sudan.



Thank you for your attention 😊

