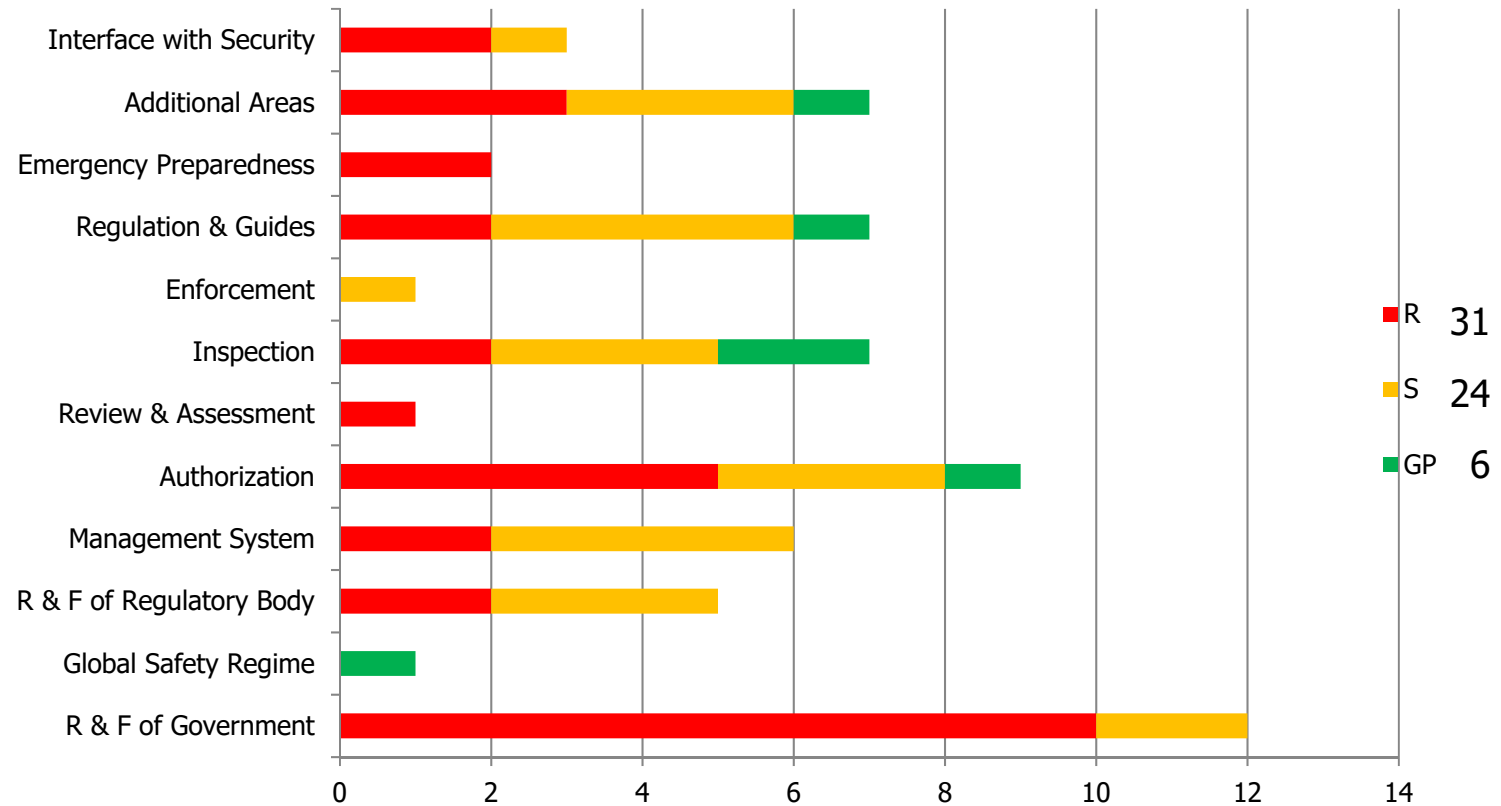


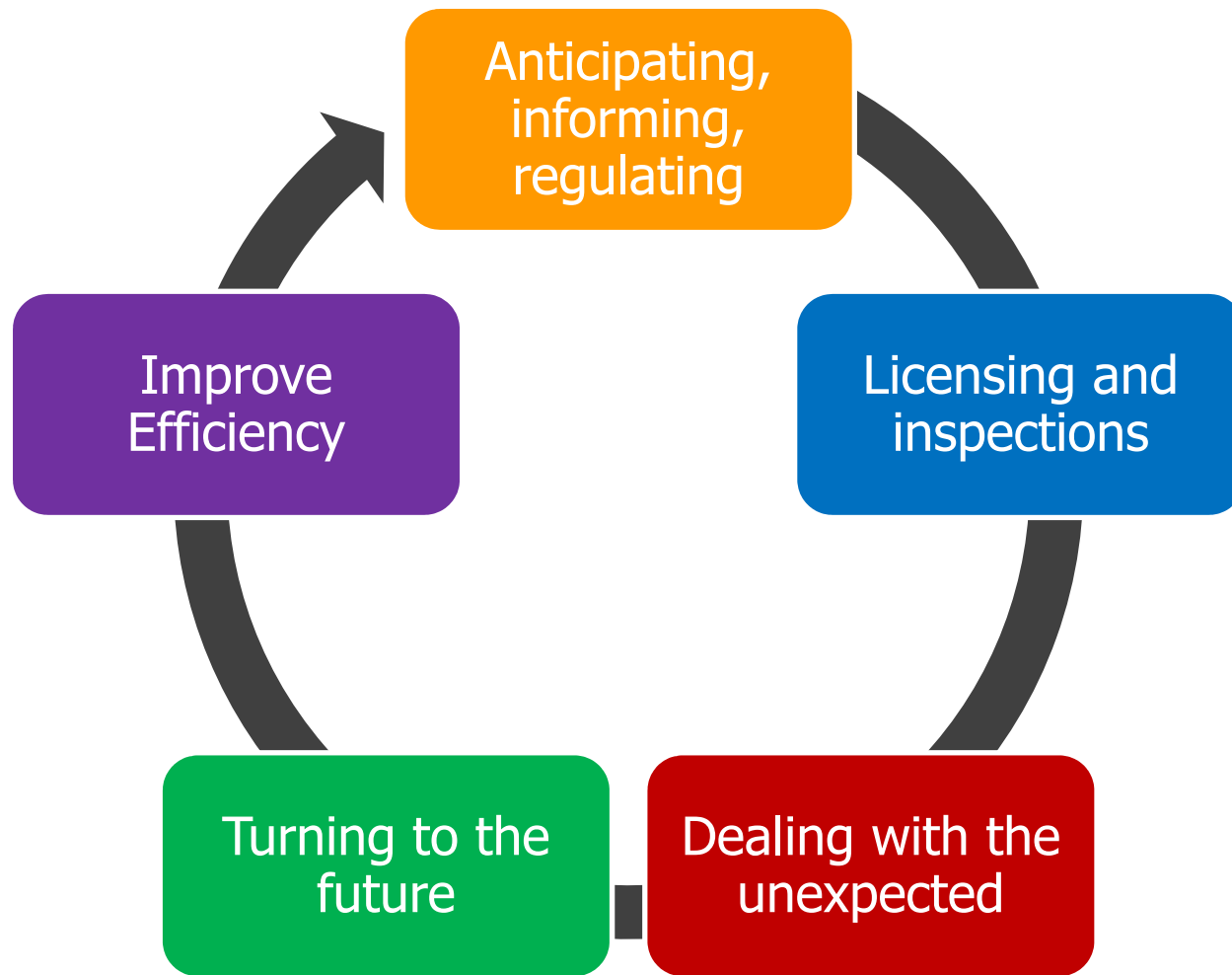
IRRS Follow Up mission in Belgium

Simon Coenen
ERPAN Annual Meeting
December 13, 2018, Paris

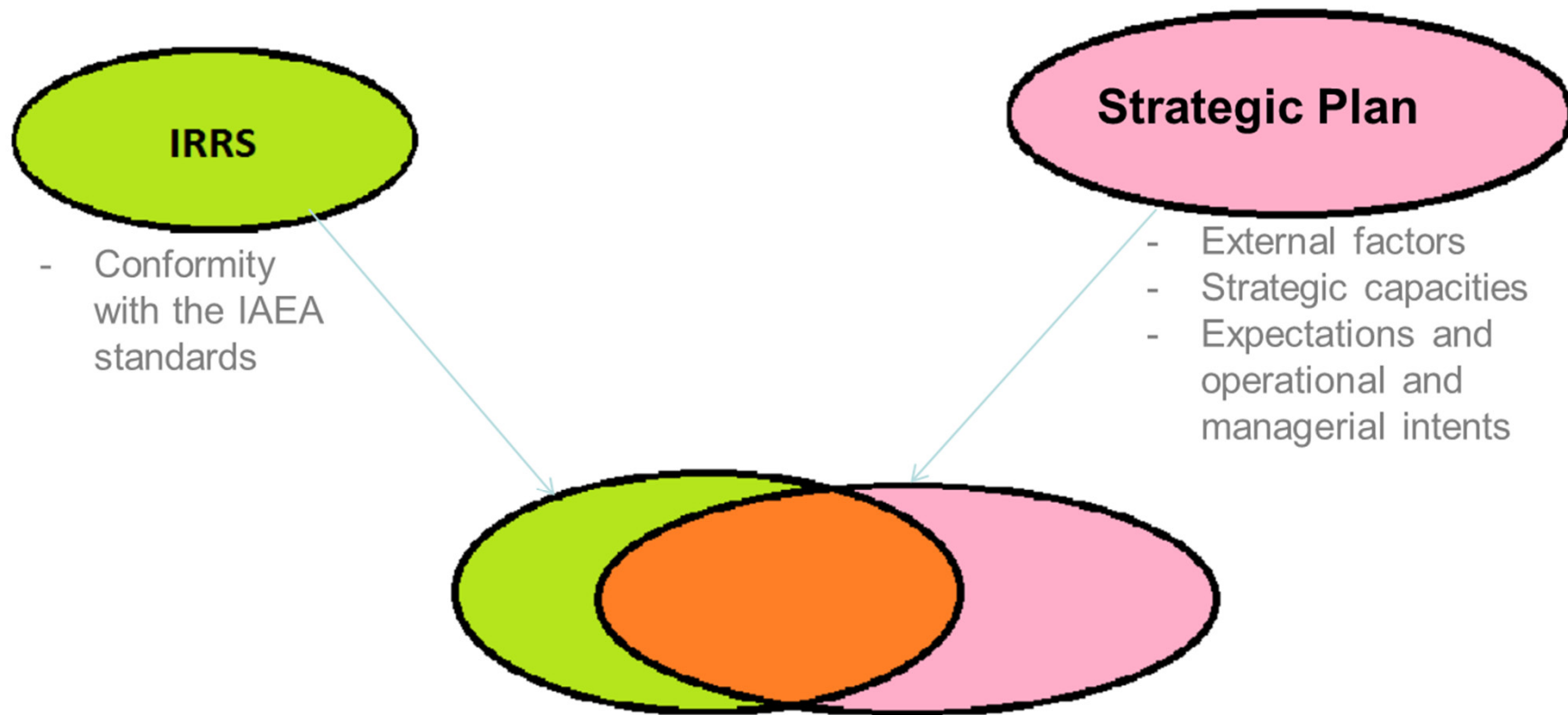
IRRS-Results



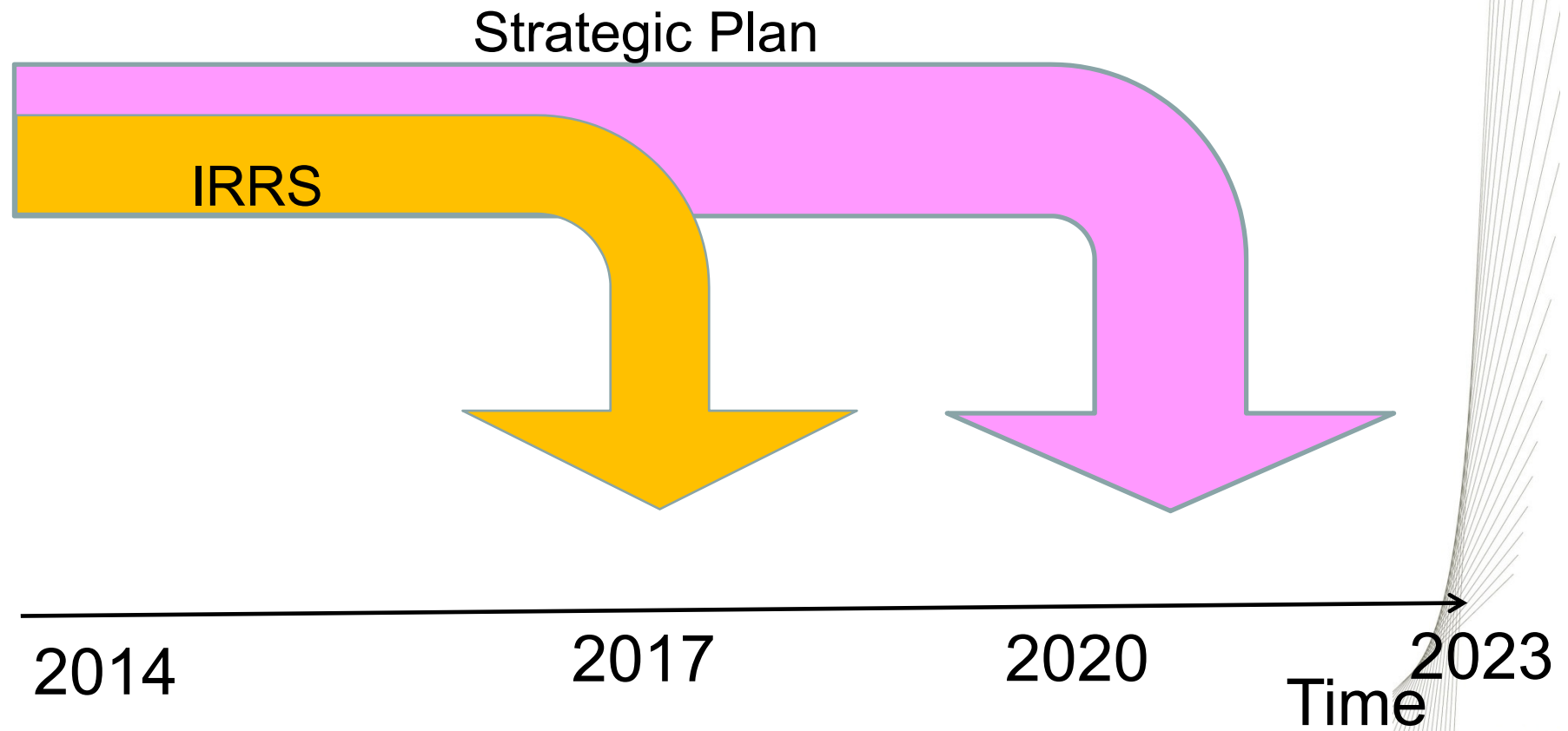
Strategic plan : 5 key activities



Relation Between Strategic Plan and IRRS Action Plan

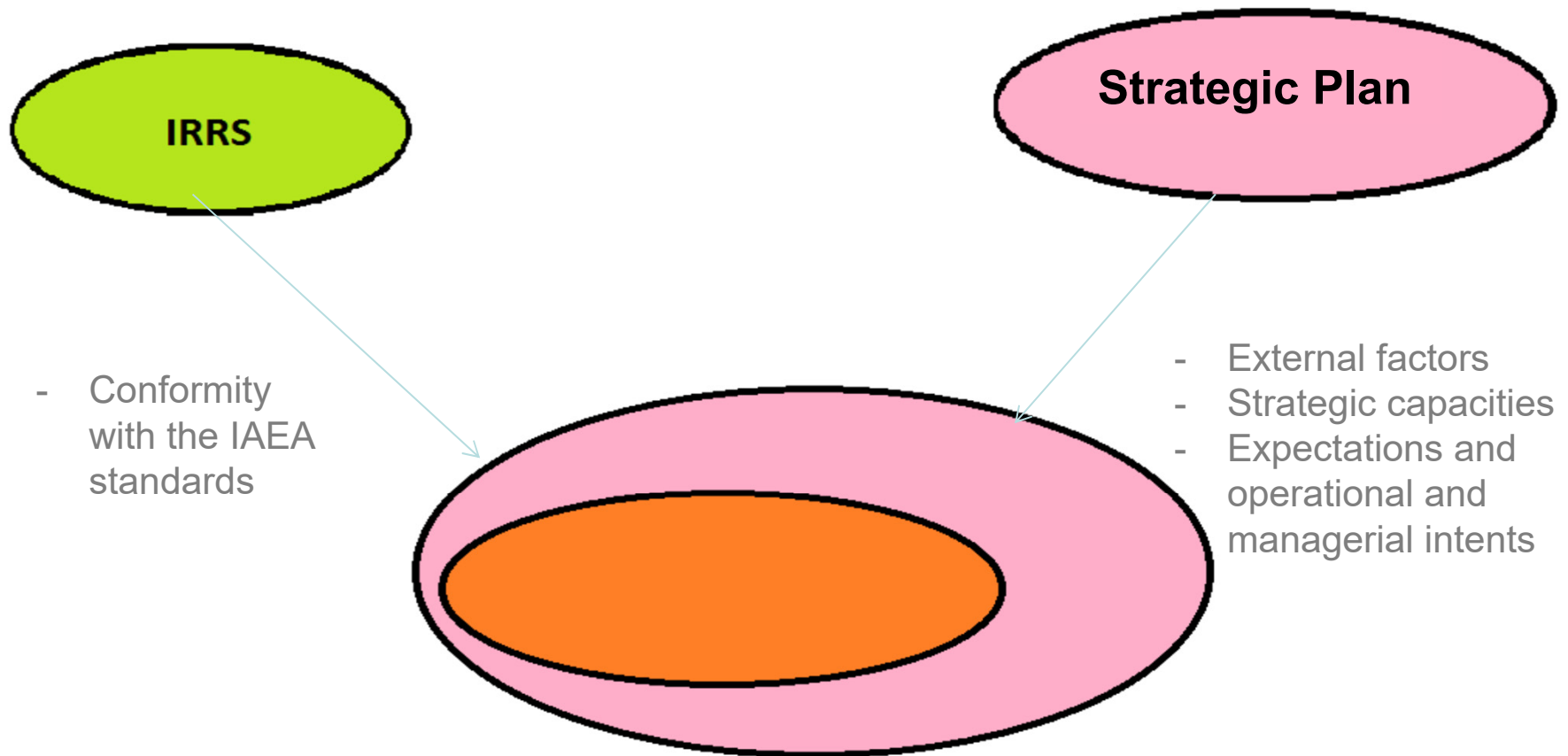


Time Frame IRRS-Strategic Plan



Integrated Approach

Integrate IRRS-Analysis in Strategic Plan

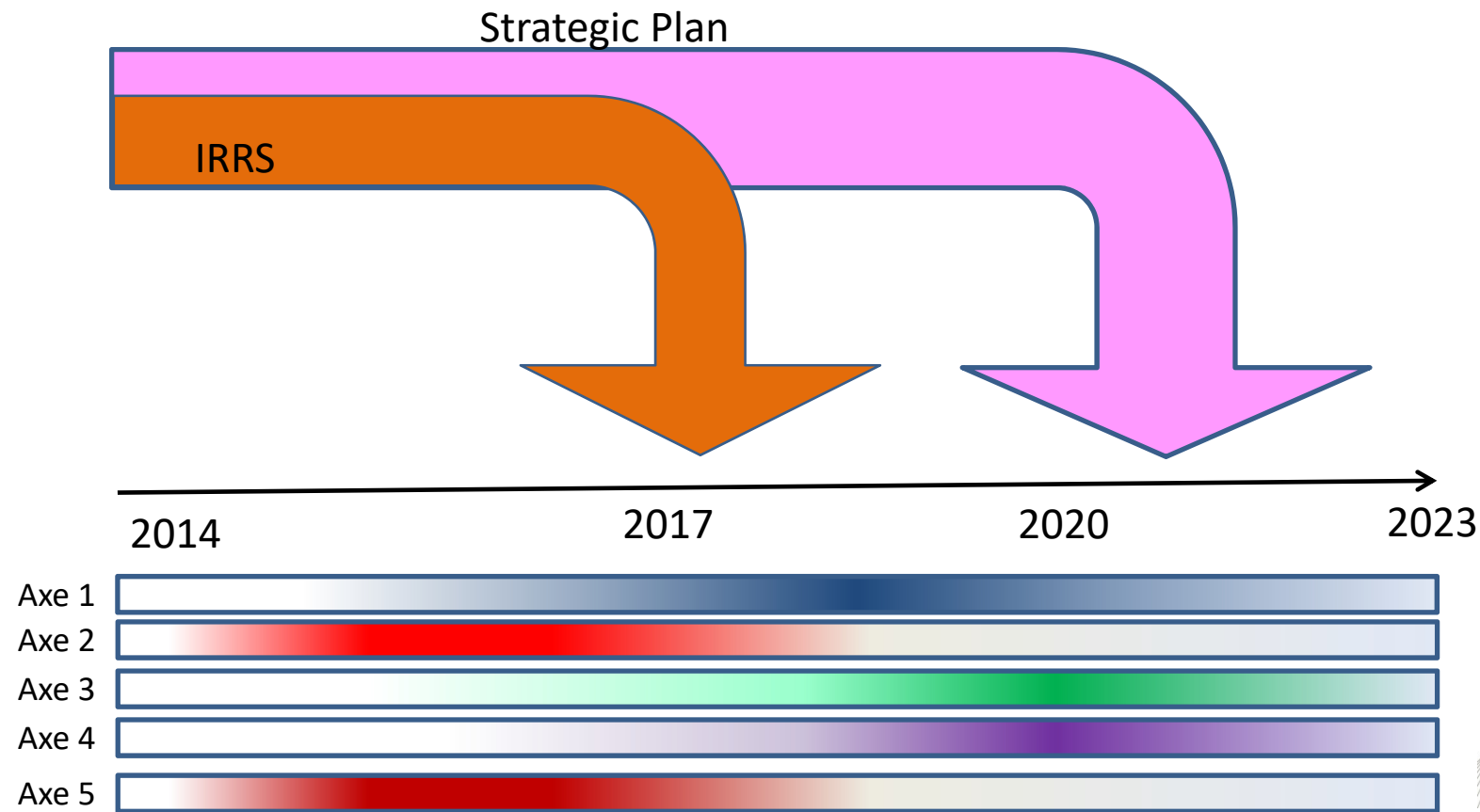


Integrated Approach - Timing

Axe 1 : Continuous

Axe 2 & 5 : Concurrent with IRRS

Axe 3 & 4 : After IRRS



Changes in Regulatory Framework of Belgium

- Changes of the FANC Law
 - National Policy
 - Primal responsibility for safety with licensee
 - Health Physics Control
 - Possibility to promulgate binding regulations by FANC
- RD and regulations on Health Physics Control
- RD and regulations on Transport
- RD on Medical Applications and Veterinary Applications
- Law and RD on Security of Sources
- RD on emergency planning
- ...

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IRRS Follow Up Team

Made up of :

- 7 experts (4 who participated in the 2013 IRRS mission) from regulatory bodies in: Canada, Finland, France, Greece, Hungary, UK & the USA; and
- 4 IAEA staff members, including an Administrative Assistant.
- 1 Observer (the Netherlands)

Progress since 2013 mission

Category	Recommendations	Suggestions	Good Practices
2013 Mission	31	24	6
Closed	17	12	
Closed: Progress Made & Confidence	12	10	
Remain Open	2	2	
New Findings 2017		3	2

Achievements since 2013

- New and amended statutes have clarified roles, responsibilities and authorities including clear independence of the RB, clarity of the role of ONDRAF/NIRAS & revised transport regulations;
- The amended FANC law has clarified the roles and responsibilities within the RB which has led to closer interaction between FANC & Bel V;
- Replacing the Authorized Inspection Organizations (AIOs) with recognized health physics organizations, removing a potential conflict of interest;

Achievements since 2013

- Establishing a project to systematically prepare the RB for the future challenges of regulating significant increases in decommissioning activity and radioactive waste safety;
- FANC has taken positive steps to improve patient protection by promoting the justification of medical examinations, estimating diagnostic reference levels, and providing relevant information back to licensees; and
- Establishing a common safety culture policy in the RB and starting safety culture self-assessments.

New Findings

- SF1: FANC should consider finalising its competence management system and establishing a systematic training programme based upon it.
- SF2: The Government should consider progressing the update to royal decrees on emergency preparedness and response to meet the requirements of IAEA standard GSR Part 7.
- SF3: The RB should consider ensuring that licensees of facilities in Emergency Preparedness Categories I, II and III undertake critical response functions and associated tasks in a timely manner.

New Good Practices

- GPF1: BEL V has developed and implemented an effective tool, with well-defined criteria applying a graded approach for reviewing safety related modifications (termed “non-important modifications” in Belgium).
- GPF2: Belgium has organized and carried out several campaigns in relation to justification of medical exposures using methods such as: mottos, brochures, posters, videos and radio spots to enhance both public, and referring medical practitioners’ awareness.

Areas for Continued Focus

- The further development of the RB's management system to underpin the recently developed suite of policy documents. This will need continued sustained efforts by both management and staff. The IRRS noted the firm commitment of FANC to complete this work by the end of 2018.
- The RB should continue to build upon its work to be more open and transparent to engender public trust and confidence in its independent regulator for nuclear and radiation safety and security.
- The relevant authorities should conclude and publish the national policy statement and strategy for nuclear safety, security and radiation protection.

Further Work

- Finalisation of work in progress
 - Publication of Nationale Policy, done
 - Regulation, in final phase now
 - Management System, on-going
- Start preparation for next IRRS-Mission
 - Due by 2022-2023
 - Preparation starts about 18 months to 2 years before
 - Preparation and mission itself is very time consuming: up 10000 mandays

Thank you for your attention

