

# IRRS mission in Belgium

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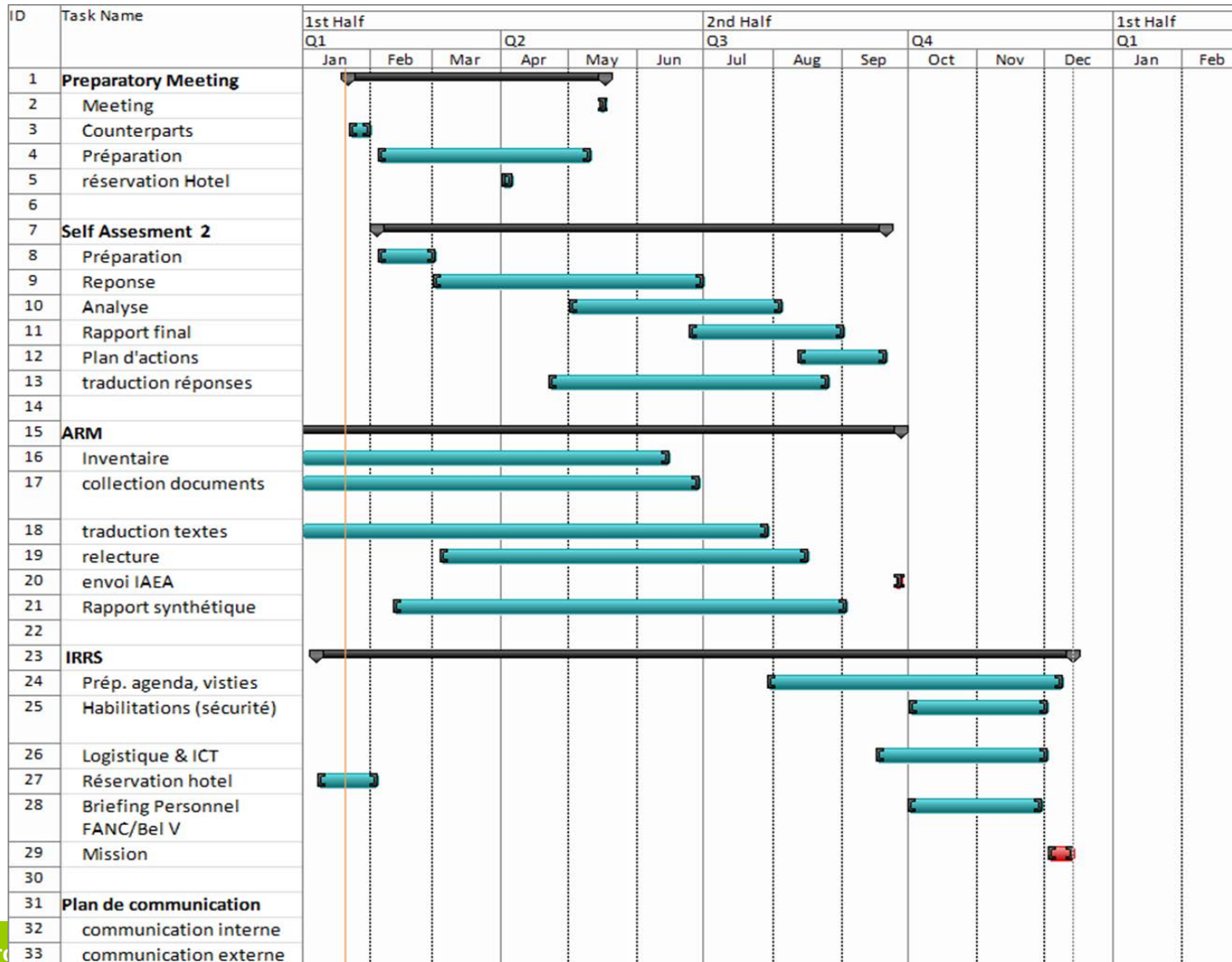
# IRRS Mission in Belgium

- Preparation of the mission
- Self Assessment & Scope of the Mission
- Summary Report
- IRRS Mission
  - Organisation
  - Major Findings
- Feedback on the mission
  - Challenges
  - Improvements
- Next steps

# Before the mission

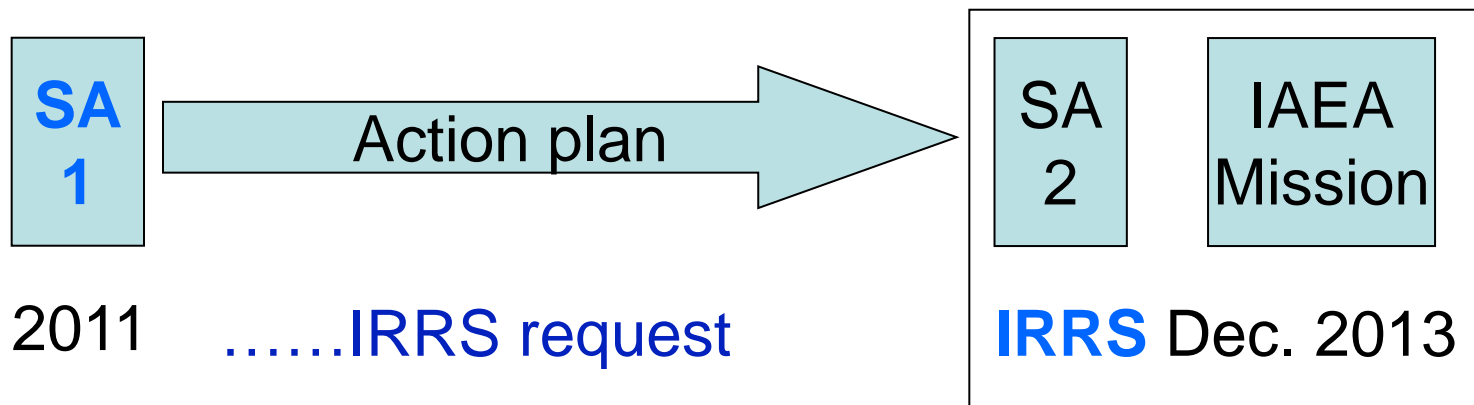
- Mission requested in May 2011
- Preparatory meeting in May 2013 :
  - First results of self assessment
  - Decision on Final scope
  - Determination of expert team
  - Determination of site visits
  - Proposals for policy issues
- Useful Documents
  - IRRS Guidelines (SVS-23)
  - « Targeted Consultany Reports
  - BIT (Oct. 2013) training material
  - IRRS Report template

# Mission preparation schedule



# Self Assessment performed in 2 phases

- Within framework of continuous improvement
- In preparation for IRRS (Dec 2013) in Belgium, a first self assessment exercise (SA1) started mid-2011



- Familiarize the staff with the self-assessment methodology
- Main issues starting to be addressed in an Action Plan making second self-assessment (SA2) easier

# SA questionnaires

- Mid 2011, the “SAT” tool was available  
Questionnaires directly answered in **Word-documents** :
  - Ease of exchange within multiple organizations
  - Traceability of changes / versioning
- Difficulty : **change** of (some) **questionnaires** between 2011-2013 (BSS115-> GSR part 3)
  - (New “SARIS” questionnaires issued end 2012)

# Scope of the IRRS mission

- **Full scope** mission: Core Modules (1-4), EPR (10), interface safety-security (12); all activities and facilities (5-9): NPP, RR, (FCF), waste & decommissioning, radiation sources
- **Policy Issues** :
  - Justification (High medical exposures in Belgium)
  - Regulatory effectiveness & leadership and management for safety

# Budget

- +/- 300K Eur (without RB staff workload):
  - Translation of ARM: 100K€
  - Daily allowance of experts (+/- 400\$ Day): 100K€
  - Travel expenses : 30K€
  - Extras: 20K€
    - Travel to the Sites
    - Rent for meeting rooms / IT equipment,
    - Social event (Dinner)
    - Etc ...
  - Preparatory meeting : 20K€



# 2013 preparation activities

- Points of attention:
  - Site access formalities
    - 5 different site visits, 5 different requirements (x 1 to 5 reviewers)
    - Security clearance needed for nuclear facilities
  - Verification of translations (technical & juridical correctness !)
- A specific communication plan (internal & external) was developed
  - Special attention to staff (in particular the counterparts) briefing just before the mission

# The “Summary Report”

- “Summary Report” : Not formally required in IRRS guidelines but seen as useful, and consequently prepared by FANC/Bel V
  - Summary of the answers given in the questionnaires
  - Additional information not addressed in questionnaires
  - “Entry point” for IRRS reviewers
  - Communication tool

# The IRRS mission

- 1-13 December 2013
- ARM sent to the IAEA on October, 1<sup>st</sup>
- 2 organizations (The Belgian “Regulatory Body”) : FANC and Bel V (technical subsidiary of the FANC)
  - “tandems” of counterparts when appropriate
  - Interviews both at FANC and Bel V
  - Some modules split into 2 parts : Module 4 (Management System)
- **Very large & complex mission**

# The expert team: 26

- 6 IAEA staff (incl. 1 administrative assistant)
  - IAEA Co. and Dep. Co. with long IRRS experience
- 18 Experts + 2 observers ( 1 EC / 1 PAK) :
  - 11 from Eu MS (incl. Team Leader)
  - 8 from non-Eu MS
  - 7 Dutch or French speaking (Be languages)
- IRRS-experienced experts : ~ 2/3
  - Good knowledge of IAEA requirements and S.S.,
- Shared team work balanced the differences in individual backgrounds and opinions

# The IRRS mission

- **Additional organisations** interviewed :
  - Ministry of Home Affairs
  - Board of Directors
  - National Waste Management Agency (ONDRAF/NIRAS)
  - National Crisis Centre (CGCCR)
  - Scientific Council of the FANC
- 5 “**Site Visits**” (NPP, RR, Waste Fac., Hospital, Isotope Prod. Facility)
- 1 **EPR exercise** (half day exercise)

# Relevance of mission findings

- Approx. 2/3 of the findings were already identified by the self-assessment
  - The self assessment and the mission are complementary
- Several of the findings relevant for the **Government or related to the regulations/legal framework**:
  - Difficult to implement (at least in the short term): political world involvement, stakeholders, ..

# Relevance of mission findings

- Findings general in nature (organisational, structural) rather than specific
  - Need to carefully read the text
- Definitely, the findings will help to improve both the regulatory body and regulatory system

# Challenges

- Difficulties with taking into account the **national system complexity** : RB in 2 organisations, National waste organisation, National Crisis centre, National research centre, Authorized inspection organizations (AIOs), ...
- Difficulty to identify **“good practices”**:
  - After 50 IRRS since 2006, the majority of “good practices” had been already identified
  - No clear criteria in the guidelines



# Possibilities for improvements in the IRRS process/guidelines

- Consistency between the questionnaires' structure and the IRRS structure (modules)
  - Also to be made more clear to the counterparts (typical example: Mod 5-9 for NPPs, CoC, Waste fac.)
- May be improved in the guidelines:
  - Entrance meeting's agenda (different in practice)
  - Accomodation requirements (budget, quality, ..)

# Possibilities for improvements in the IRRS process/guidelines

- Well defined process for review/discussion of the findings/draft report with the host useful
- Setting up a standard structure for the ARM  
Currently, only a list of documents exists
- Guidelines for reviewing the “Fukushima module”

# Attention points / difficulties

- Difficulties related to the process of finalisation of the end report's draft (review by FANC, comments & reviewers' response )
- Some disagreements/misunderstanding with counterparts remain
- Nevertheless, the mission was a success

# Next steps

- **In-depth reading** of the report:
  - Done by selected group of senior experts
  - Not only the findings, but also the observations/text
- Pointing out **links** between the findings:
  - Arranging related issues in groups
  - Categorising them under headings
- Development of an **updated action plan**

# Thank you for your attention

