



Belgian Global Approach for Orphan Sources

BELGIAN GLOBAL APPROACH ON THE RADIOLOGICAL SURVEILLANCE OF RADIOACTIVE SUBSTANCES IN METAL SCRAP AND NON-RADIOACTIVE WASTE

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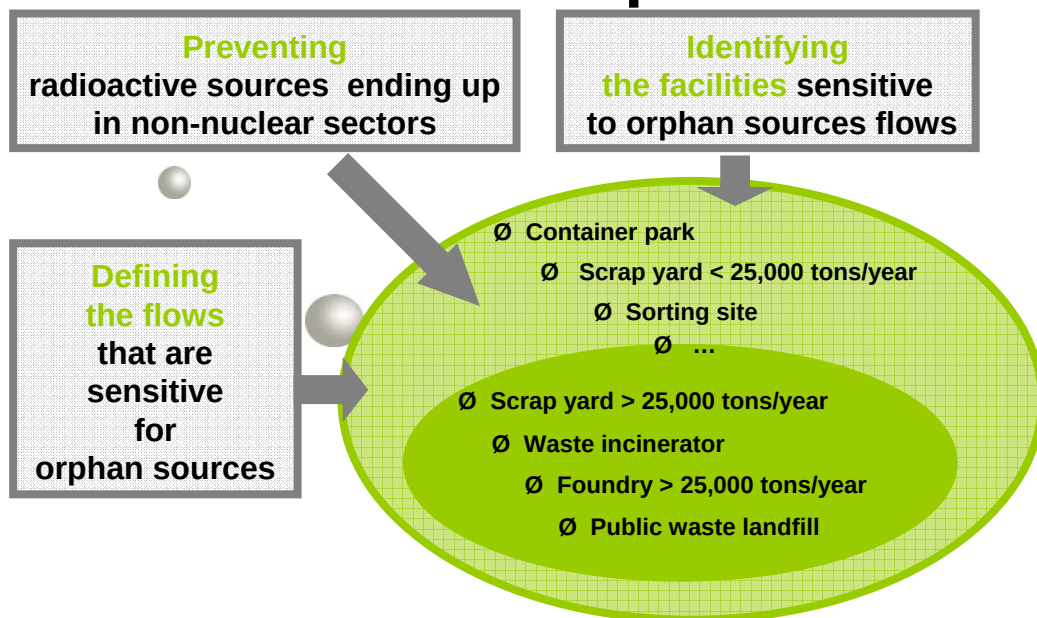
CSN – IAEA - February 2009 – Tarragona, Spain

1 : Prevention

Preventing
radioactive sources ending up
in non-nuclear sectors

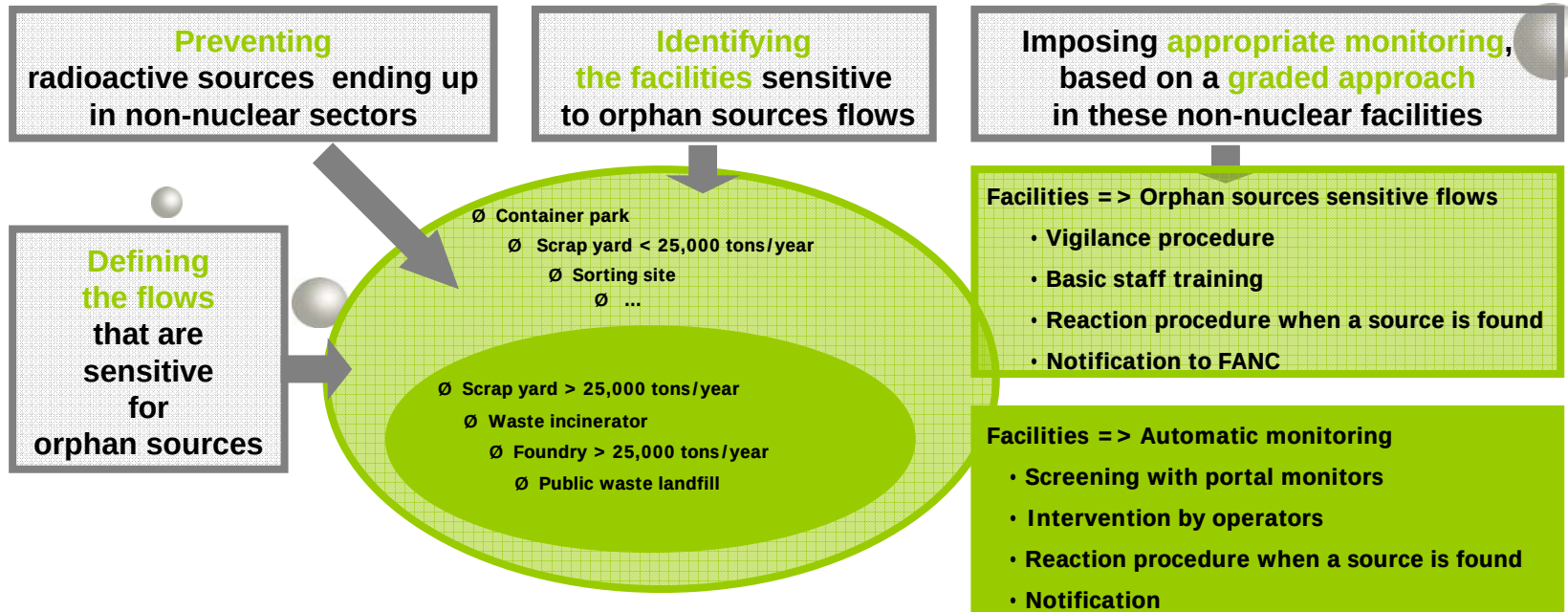
- Facilities that use sources have to be licensed and are controlled
- Additional control of High Activity Sealed Sources
 - EU Directive
 - Translated in Royal Decree
- National campaign for removal of radioactive lightning deflectors

2 : Identifying facilities and flows of orphan sources

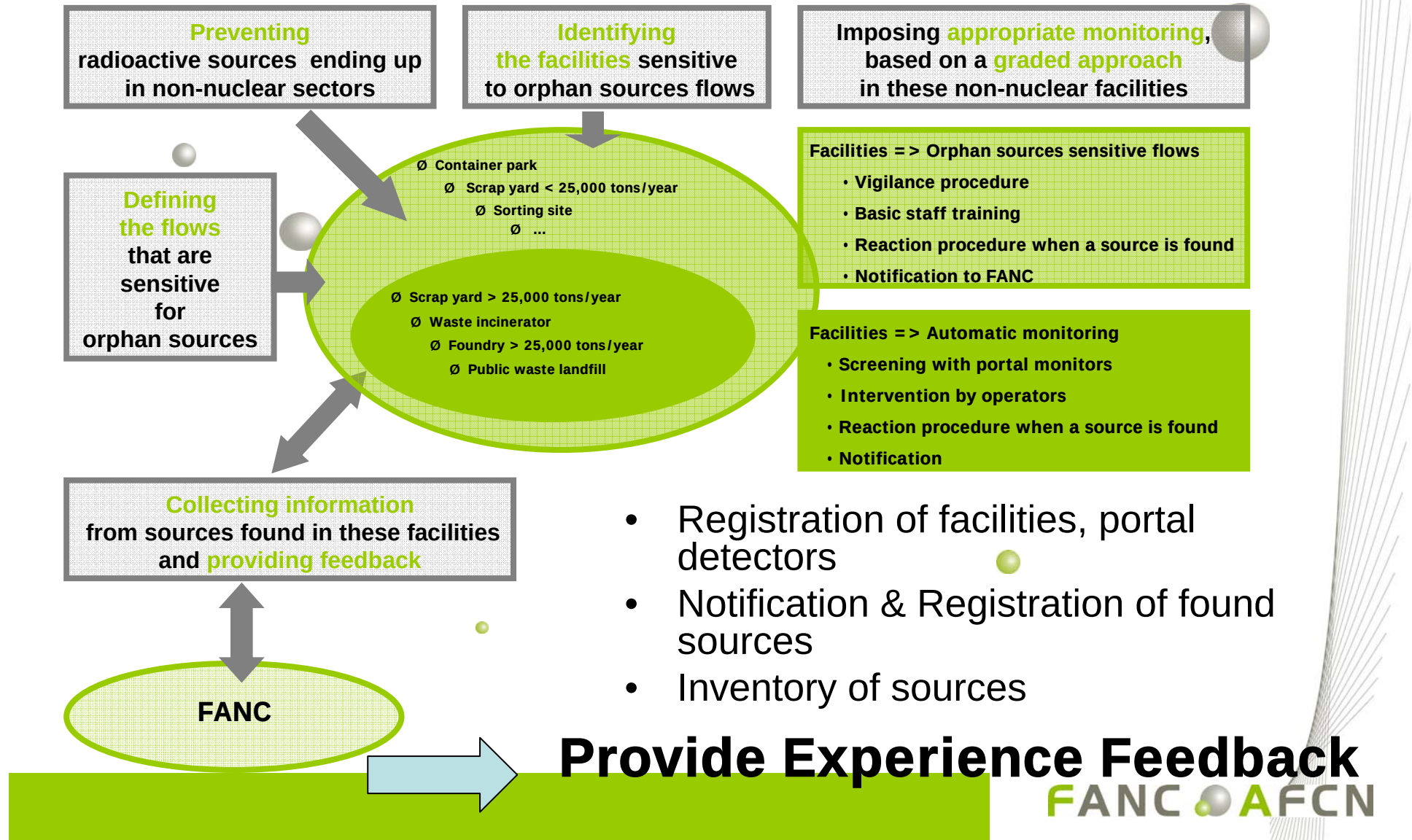


- Royal Decree (in preparation) in collaboration with
 - Professional associations
 - Regional authorities
- Definitions of facilities and fluxes

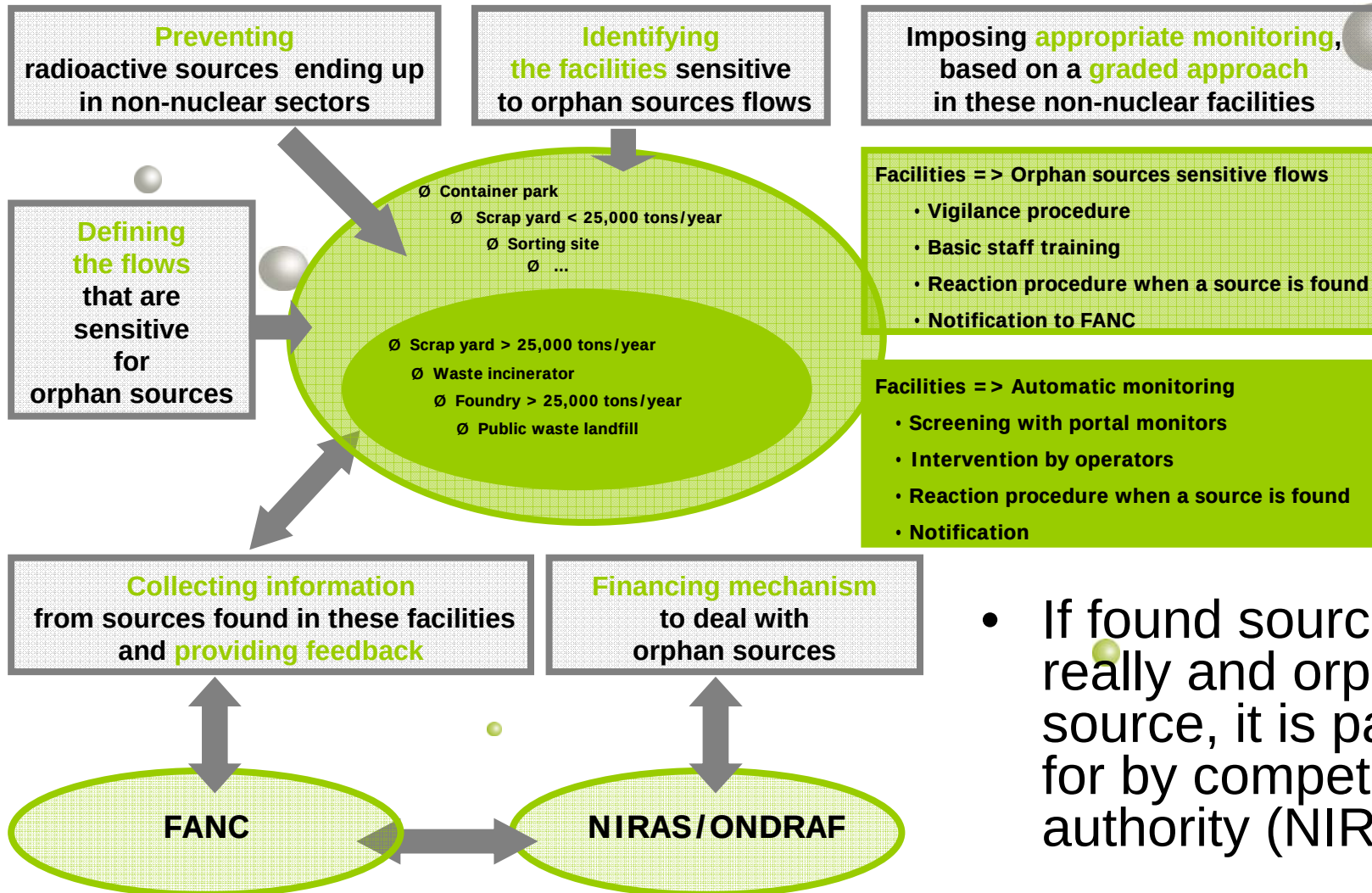
3 : Imposing Monitoring



4 : Information & Feedback



5. Financing Mechanism

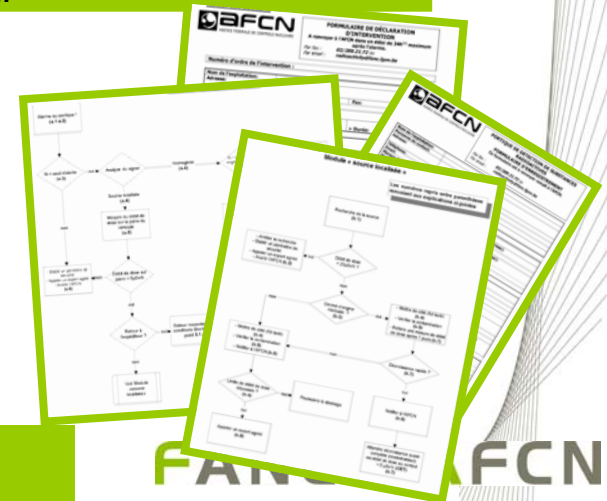
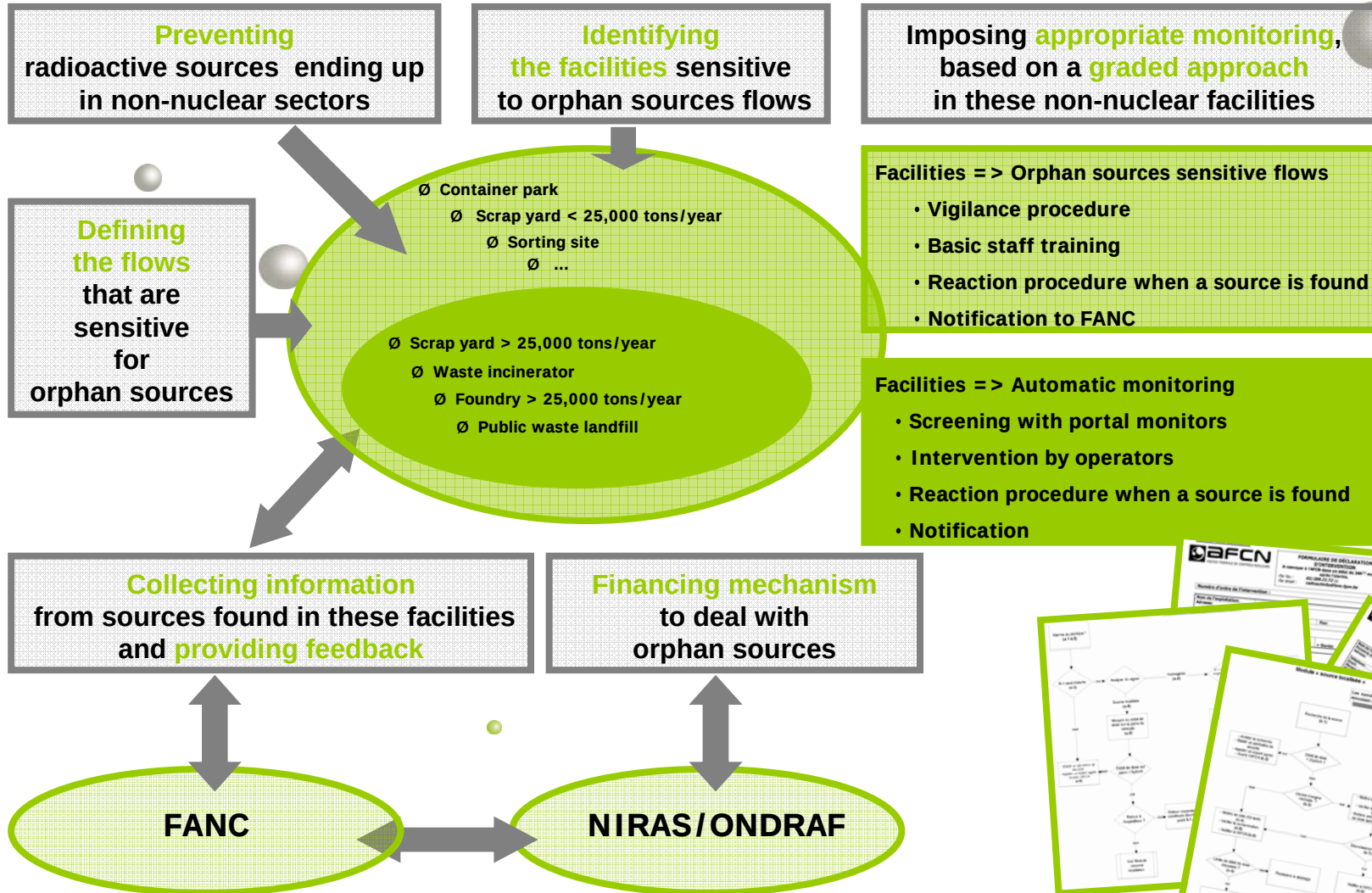


- If found source is really and orphan source, it is paid for by competent authority (NIRAS)

6. Training for non nuclear sector

- Given by FANC (free of charge)
- Three target audiences
 - Managers
 - Operators
 - Surveillance people
- Content
 - Radioactivity & Radiation Protection
 - Typical findings
 - Procedure for portal detectors
 - Procedure for other facilities
 - Financing aspect

Global Approach



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