



# OPTIMISATION OF RADIATION PROTECTION (ALARA): A PRACTICAL GUIDEBOOK

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## CONTEXT

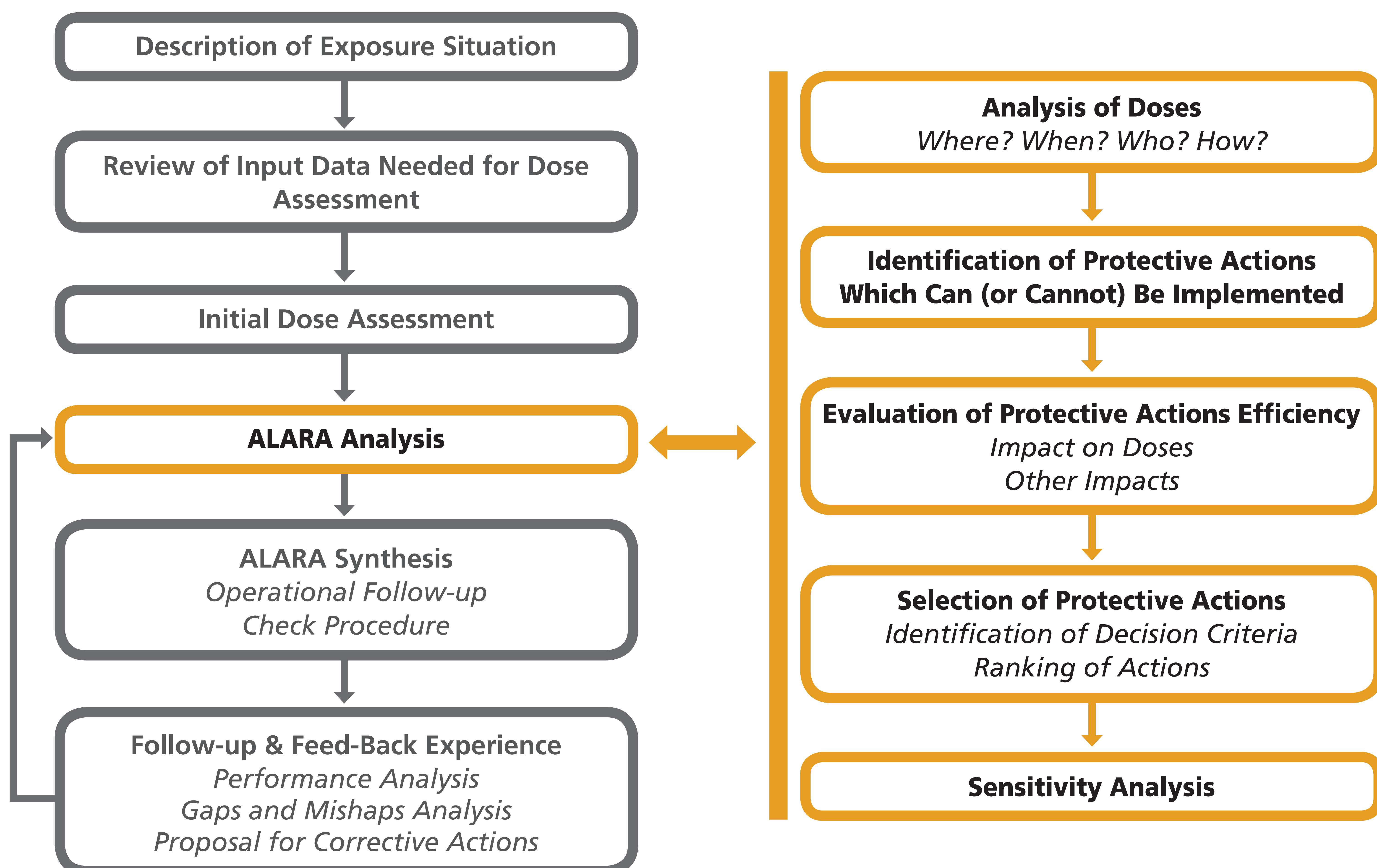
The objective of the EAN working group on ALARA Culture is to maintain and further develop a high level of radiation protection by promoting the ALARA culture in all fields of application, implementing the ALARA principle into practice, and analysing feedback from implementing ALARA in various sectors.

As part of the ALARA culture dissemination, the working group is drafting a practical guidebook on optimisation of radiation protection (ALARA), to be used by radiation protection professionals or other stakeholders involved in ALARA processes. The objective is to publish the book by the end of 2012.

## MAIN CONTENT

- Basic concepts of radiation protection and their origins
- ALARA process
- Actors and their responsibilities
- Elements supporting the approach
- Examples of ALARA implementation in practice for various exposure situations
  - Workers
  - Public
  - Patient protection

## ALARA PROCEDURE



## TARGET AUDIENCE



- Competent authorities
- Manufacturers, suppliers and designers
- Licensees
- Radiation protection professionals
- Professional associations
- Exposed workers
- Public
- Patients