

Estonia

EPR Fact Sheet

Decision making

In case of an emergency caused by nuclear or radiological accident, both abroad or nationally, Environmental Board has the responsibility to lead and make decisions to protect environment and the public.

Advice

In case of radiological or nuclear emergency, Environmental Board provides expert assistance to other authorities. It also operates the national early warning and decision support systems.

Licensee

The licensee is responsible for notifying the authorities in case of abnormal event. The licensee is also responsible for mitigating the consequences and taking urgent protective actions to mitigate the situation and protect its workers within the facility.

Alarming

Residents are warned by SMS messaging.

Organizational structure

National Coordination Unit

Operational Group

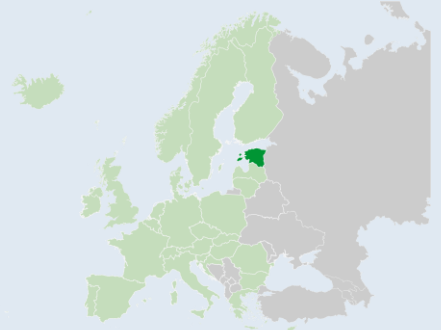
- Early Warning System
- Agriculture, Food and Public Health
- International Assistance Support
- Evacuation

Communication Group

- Media monitoring
- Public information

Technical Support Group

- ICT
- Other support



Country info

| | |
|-------------------|------------------------|
| Capital | Tallinn |
| Official language | Estonian |
| Population | 1,3 M |
| Area | 45 000 km ² |
| Currency | Euro (€) |
| Time zone | UTC+2 |
| Calling code | +372 |
| Internet TLD | .ee |
| NPPs /ele. share | 0/0% |

NWP and NCA*

Environmental Board

Emergency website

<http://www.kriis.ee>

Online measurements

<http://www.keskkonnaamet.ee/et/eesmargid-tegevused/kriisireguleerimine/varajane-hoiatamine>

Bilateral agreements

Finland

RANET capabilities

None

Nuclear facilities* and population

None

Emergency classification

Regulatory requirements have not been developed for classifying the emergency, as there are no nuclear facilities.

Protection strategy

Protection strategy is based on values below. For radiation emergencies, protective actions are based on field measurements and dose assessments.

Criteria

| Protective Action | OILs /EALs | Comments |
|----------------------|------------|---|
| Sheltering | 10 mSv | Avertable dose in 48 h |
| Evacuation | 50 mSv | Avertable dose in 1 week |
| Temporary relocation | 30 mSv | Avertable dose in 30 days (Return shall be allowed if projected dose for the next 30 days shall be less than 10 mSv and less than 1 Sv in a lifetime) |
| Permanent relocation | 1 Sv | If projected dose for lifetime is more than 1 Sv |
| Foodstuff | | Maximum activity concentrations for food- and feedstuff are based on EURATOM regulations |

Comments

- Estonia has no nuclear facilities or research reactors. The nearest nuclear facility is approximately 80 km from Estonian border.
- Adopting generic criteria corresponding to the IAEA GSR Part 7 is currently in process.