

Session 2.4

Fostering industrial Development Through Radiation Technology: Case of Poland

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Problem to be Addressed and IAEA Response

Development problem

- End-users needs
- Growing health sector
- Emerging applications

IAEA response

- Radiation sterilization
- Food irradiation
- Polymer processing
- Flue gas treatment
- Art objects preservation
- Radiotracer



Impacts through Radiation Sterilization

Current population of Poland - 38 631 438

Transplants:
11 500 units/
year from 4
tissue banks



**Radiation
Sterilization Plant**

**Pharmaceutical
products:**
6 400 000
units/year from
3 companies



Medical products:
40 000 000 units / year
from 50 companies



Cosmetics:
5000 units / year
from 7 companies



Conclusions

- Thanks to the IAEA's support in the field of nuclear and radiation technologies, significant results have been achieved in the country;
- Technology transfer has been achieved together with established facilities and developed human resources to address the needs of the industry;
- Radiation technologies play an increasing role in industrial development;
- Regional projects are an important tool for technologies dissemination and for safety and quality standards observation;
- The TC programme should continue supporting country needs to help them achieve their Sustainable Development Goals

