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

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

Cosmetics: 5000 units/year from 7 companies

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

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

Transplants: 11 500 units/year from 4 tissue banks

Current population of Poland - 38 631 438
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