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OVERVIEW: RADIOACTIVE WASTE MANAGEMENT IN AUSTRIA

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Environment and Water Management,
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GENERAL SITUATION

- **No NPPs** → no HLW and no SF
- **1 research reactor** in operation (TRIGA MARK II)
Operator: Technical University Vienna
Contract for taking back the SF to USA
- **LILW** from applications in medicine, research, industry and ongoing decommissioning projects
- **Nuclear Engineering Seibersdorf (NES)** – Austrias centralized waste management facility for LILW
- **Waste inventory:** 11.200 drums of conditioned radioactive waste in interim storage
 - 2240 m³ LILW-SL ($\sim 1.0 \cdot 10^{16}$ Bq)
 - 60 m³ LILW-LL ($\sim 4.6 \cdot 10^{12}$ Bq)



NEXT STEPS IN WASTE MANAGEMENT

- Comprehensive **modernization** of the NES facilities:
Final steps including licensing of new installations
- **Reconditioning & characterization** of radioactive waste
in the „old“ drums; completion of the documentation of the
radioactive waste
- **National Program**: Strategic environmental assessment including
public consultation before finalizing the program
- **Disposal**: establishing a “task force” for defining the next steps on
the way to a repository