

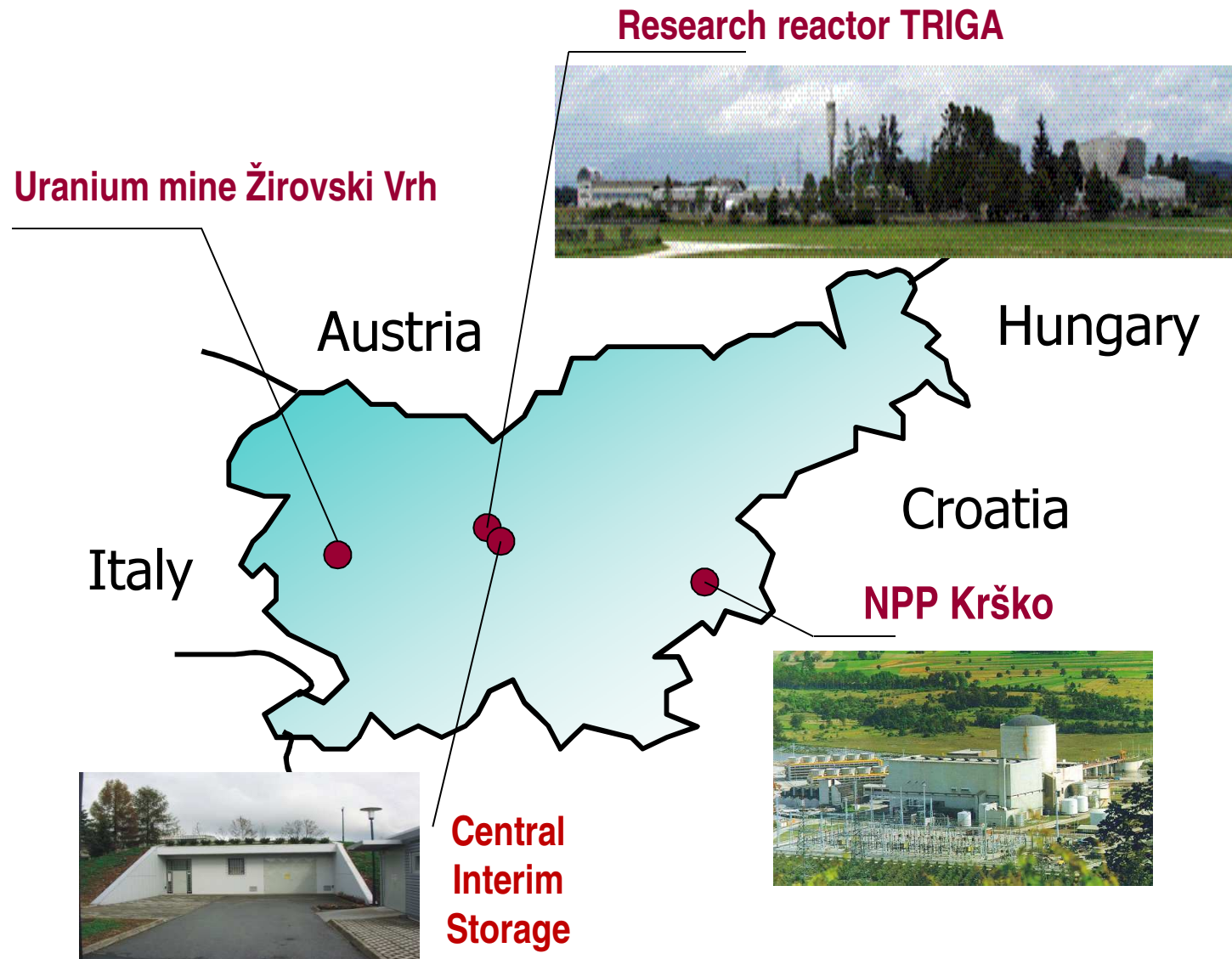
# SF Disposal Planning in Slovenia

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WM2012

# Nuclear Sites in Slovenia



# *SF&HLW Timeline*

- Krško NPP commercial operation since 1983
- Expected operating lifetime (40 + 10 + 10)Y  
--> 2043
- Wet storage in pool inside NPP
- Dry storage of SF
- ----- ??-----
- Final solution(s) > 2060

# *SF from TRIGA research reactor*



- Operated by IJS (national institute)
- SF return contracted

# Legislative Framework

- National environmental law
- Ionising Radiation Protection and Nuclear Safety Act
- Second-level legislation (decrees, rules)
- Act on Permanent Closeout of Uranium Ore Exploitation and Prevention of Mining Consequences in the Žirovski vrh Uranium
- National program on radioactive waste and SF management – Resolution (2006 - 2015), adopted by the Parliament
- Spatial development strategy

# *Legislative Framework – cont.*

- **Joint Convention** on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management
- **EU Waste Directive (2011/70)**
- **Bilateral Agreement with Croatia**

# *Final solutions for SF & HLW*

- **Direct disposal (geological disposal)**
- **Generic location**
- **Regional solutions – ERDO Working Group**
- **Adaptations to new technical developments**