

## Goal:

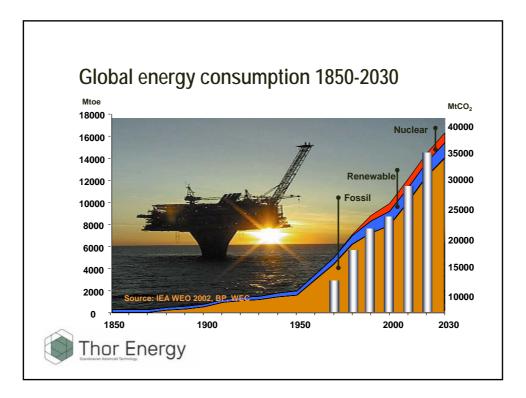
Build and operate 2 Thoriumbased power plants of +2000MWe each in Norway, start 2017

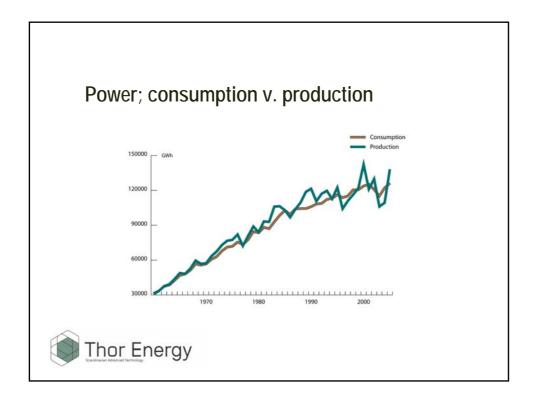


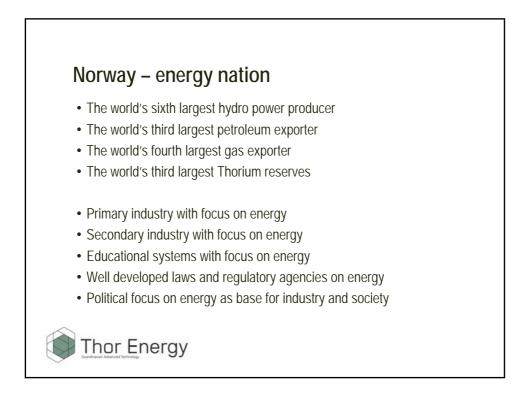
## Work in progress:

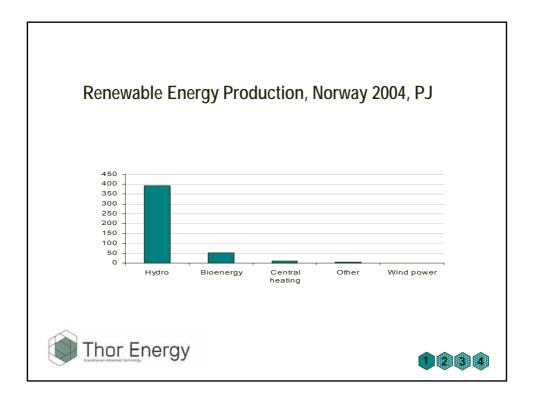
- 1. Technical feasibility, development and approval of Thorium fuel-cycle and identification of suited reactor.
- 2. Developing possible mining/processing of Thorium from the Fen deposit in Ulefoss.
- Informing Norwegian public and political sector of the potential for substantial, inexpensive, climate neutral power plants.
- 4. Possible cooperation with utilities and large, **power consuming industries** for future power take-off.
- 5. Preparations for application for a commercial license for building and operating a Thorium power plant i Norway.

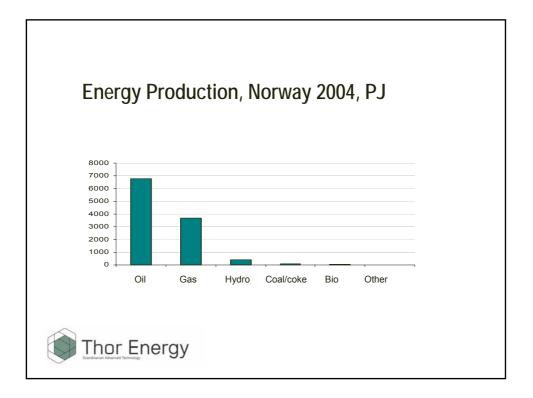


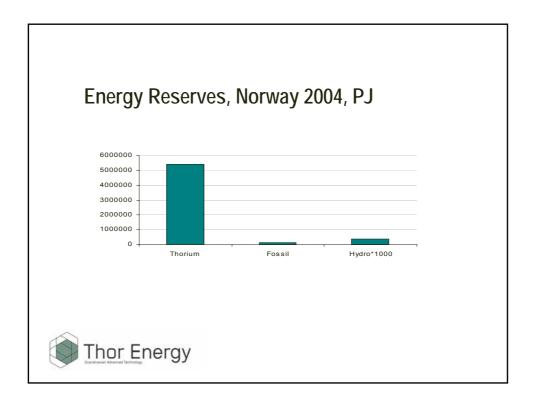


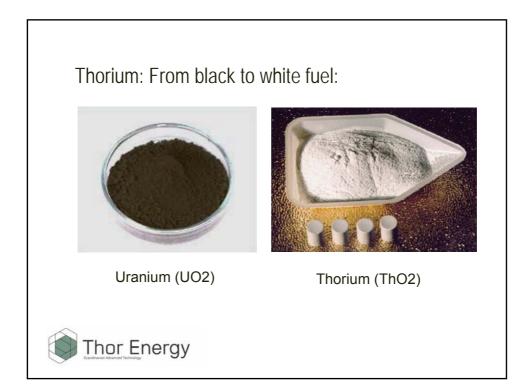




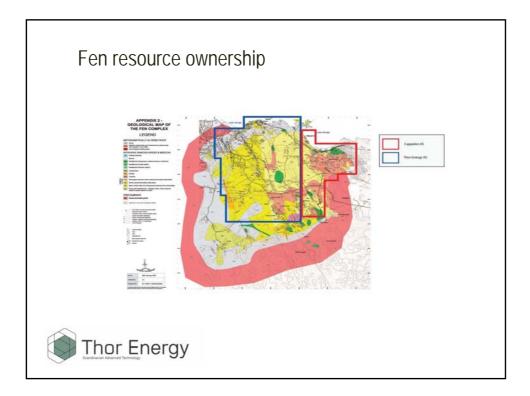


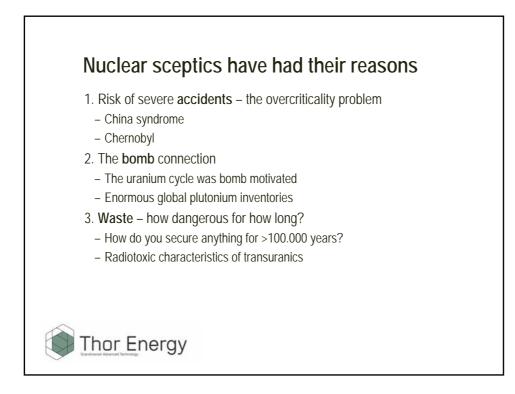


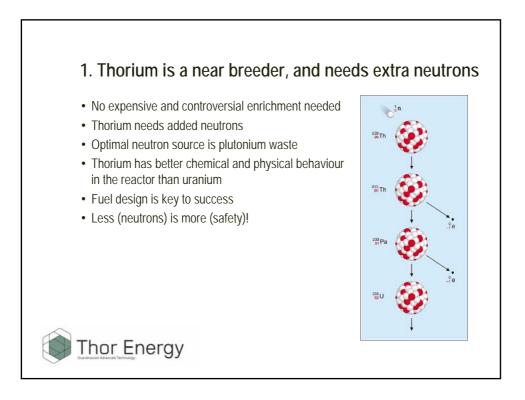












## 2. Thorium is not the bombmakers choice

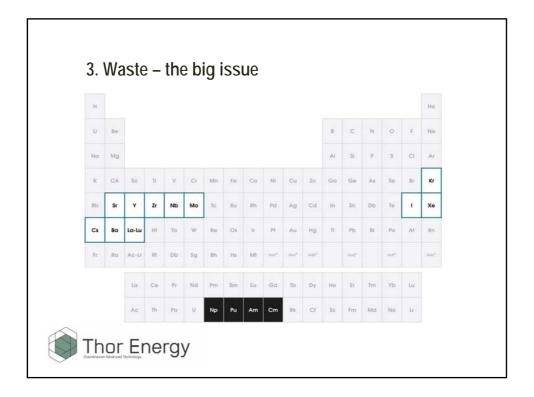
"IAEA is not concerned with the tenth or thousandth nuclear device of a country. IAEA is only concerned with the first.

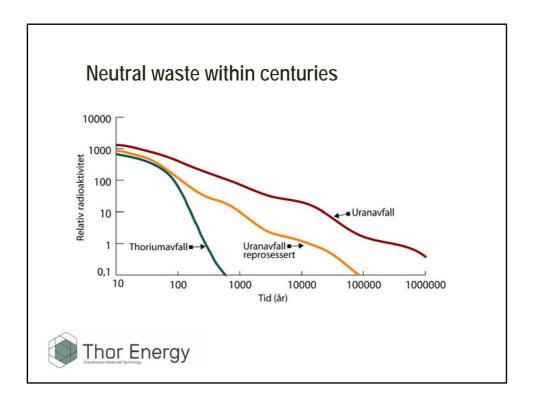
-And that will certainly never be based on a thorium fuel cycle."

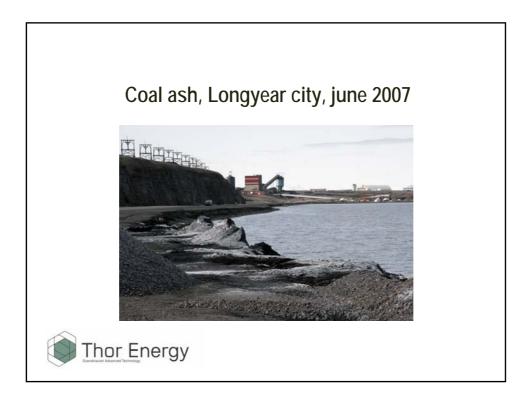
Bruno Pellaud

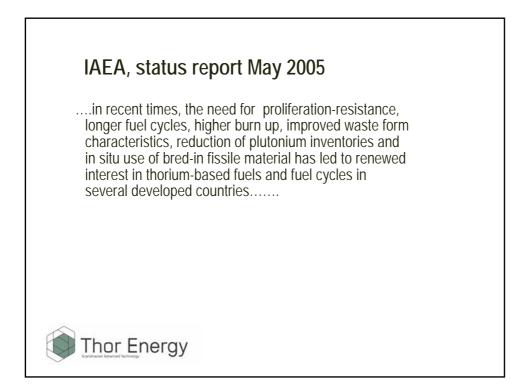
Former Deputy Director General IAEA Non proliferation

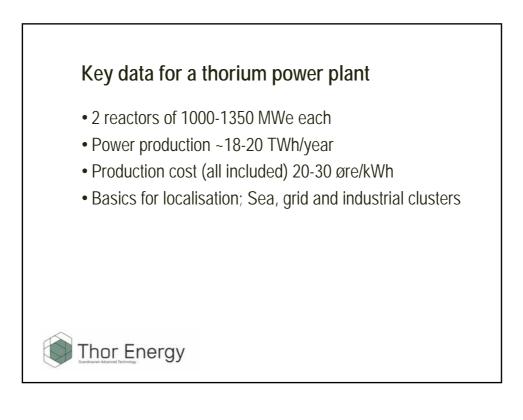


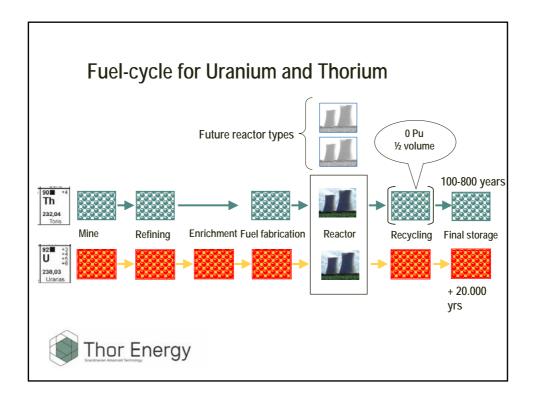


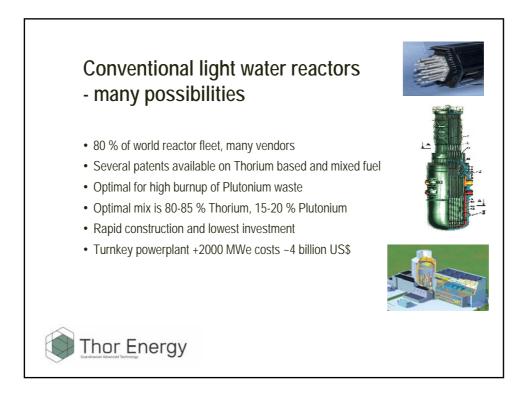












## Conventional heavy water reactors – best neutron economy

- Only one vendor Canada
- On power refuelling
- Very good neutron economy
- Optimal mix is 90-95 % Thorium, 5-10 % Plutonium
- Very flexible fuel concepts
- Turnkey power plant +2000 MWe costs ~4 billion US\$



