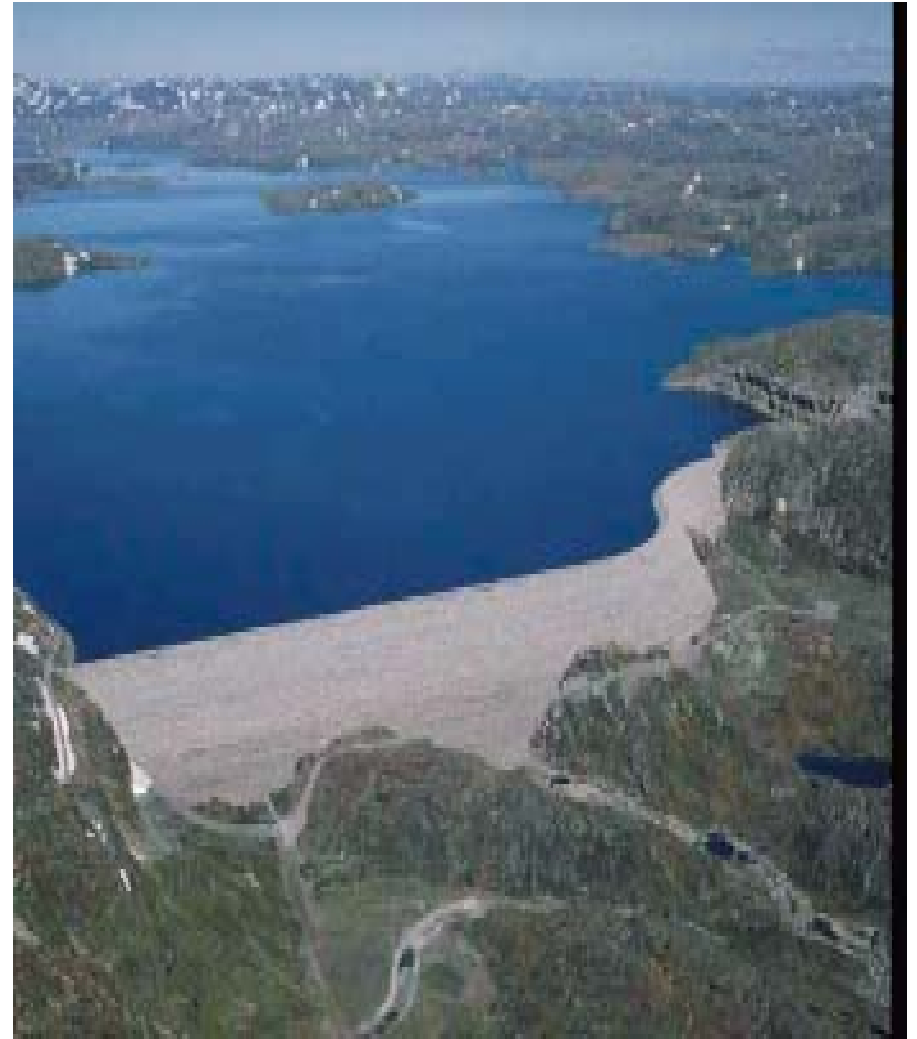


Hydropower development - National perspective from Norway

Deputy Minister Ms. Anita Utseth

Hydropower in Norway

- 99 per cent of electricity is produced by hydropower
- Installed capacity: 28 300 MW
- Average production capacity: 121 TWh/year
- 4,7 mill. inhabitants

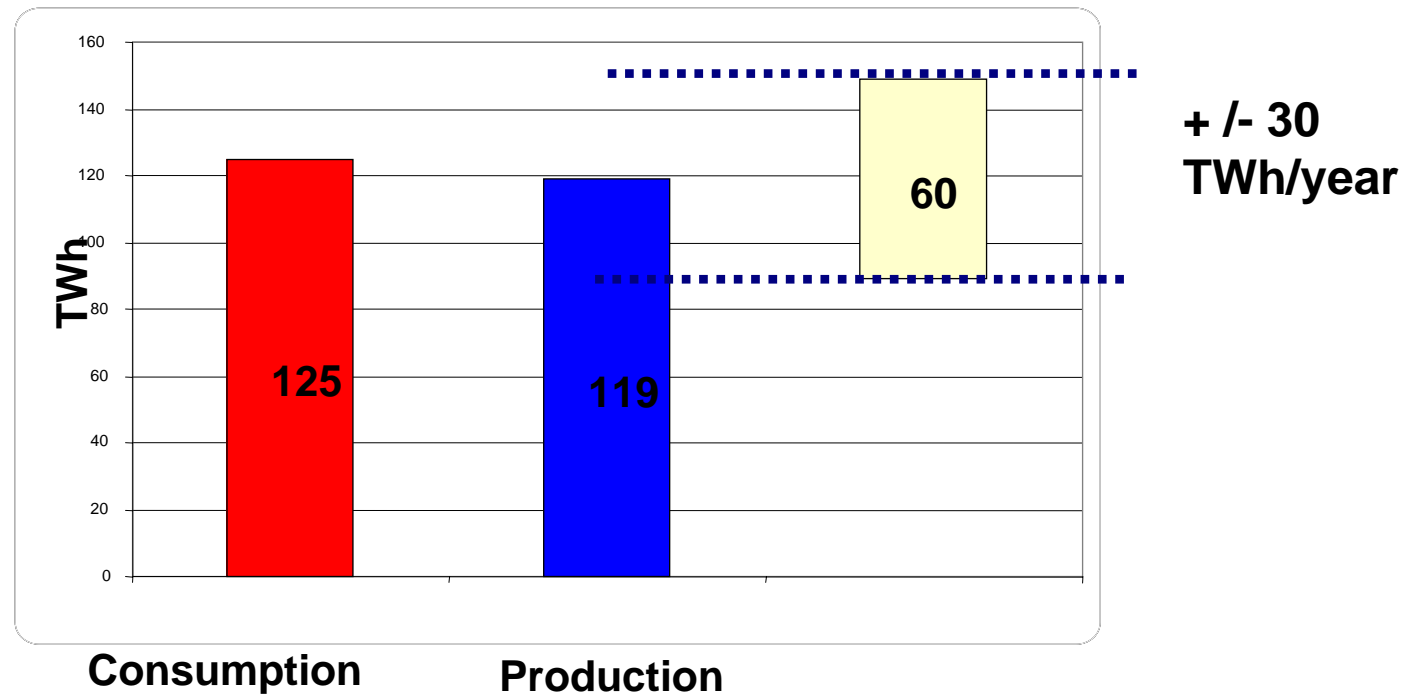


Development through hydropower

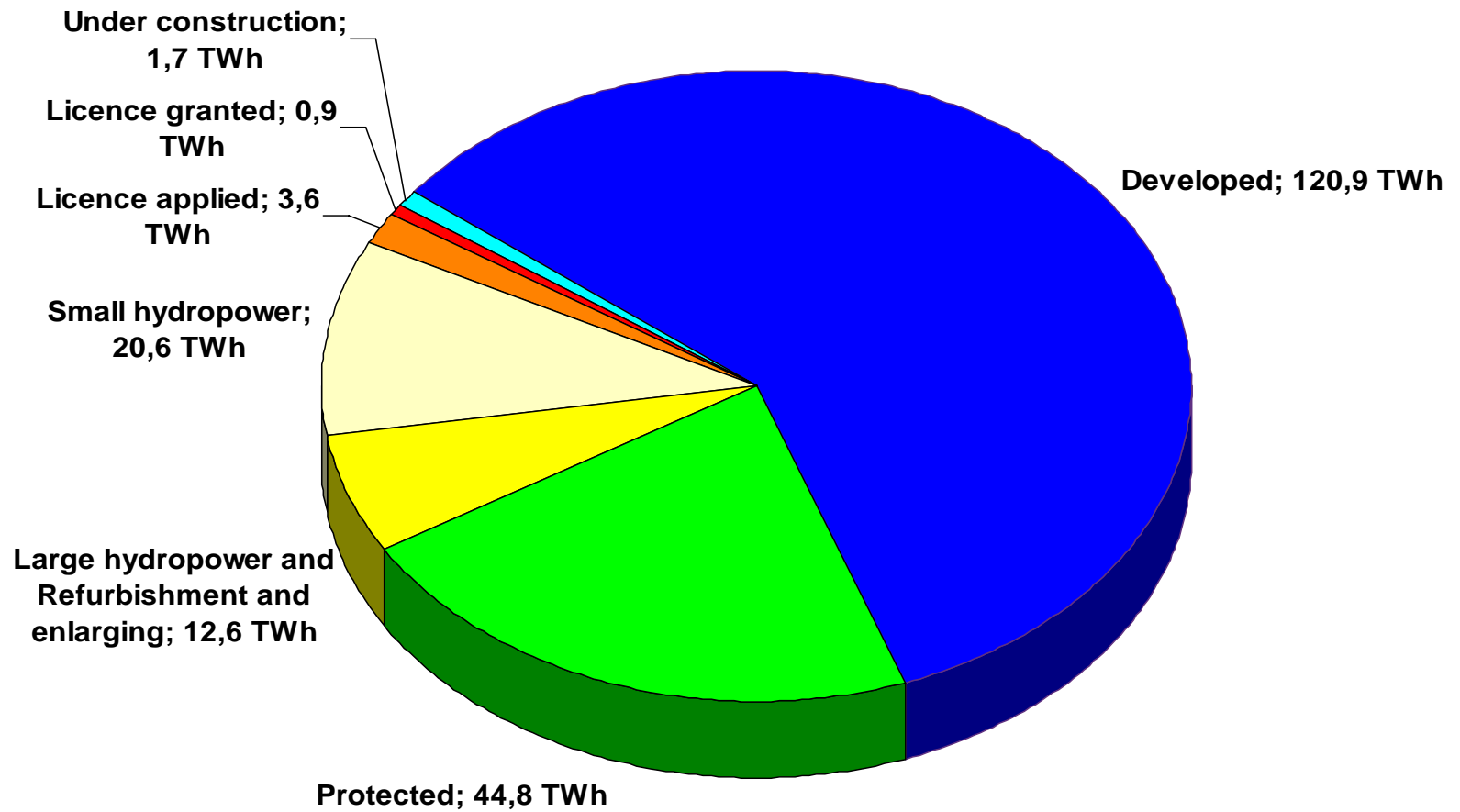
- Legislation for hydropower development put in place in 1917
- Major benefits are given to local communities through taxes, fees, various funds and 10 % compulsory power.
- A high degree of public ownership, 88 per cent, with revenues going back to the state and municipalities.
- Hydropower was key to industrialise and electrify Norway, and is the backbone of our prosperity
- Domestic supply industry was developed as a result

Energy Security

- a need for more production capacity



Norway's hydropower potential



New capacity in 2006 and future outlook

- 700 GWh added in 2006
- 1700 GWh under development by 1.1.2007
- 470 GWh (35 projects) licensed so far in 2007
- 2500 GWh now under licensing (184 projects)
 - Upgrading and enlargement of existing hydropower
 - New hydropower (above 10 MW)
 - Small hydro is booming



Challenges and opportunities ahead

A major challenge is to maintain the level of technical competence and to recruit new students

- **International Centre for Hydropower** focus on advancing competence and working with developing countries
- **SN Power** invests in and develops projects outside Europe, based on Norwegian expertise
- **NORAD** has increased focus on energy, with hydropower being one field of excellence

