

Les Entretiens Européens - 19th edition – Panel

**Agreement among EU states on creation of an
industrial sector: is cooperation possible**

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Työ- ja elinkeinoministeriö
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Could the establishment of an industrial nuclear sector cluster or alliance help to strengthen the European nuclear sector?



- In Finland we have no big nuclear industry except the power companies (3) today. However, we have services and component industries that are linked to our Finuclear cluster. This type of national cluster or network could be a link to a European level clustering?
- Moreover, our flagship is of course the nuclear waste management. There we are willing to be “the leading partner” for clustering – we are open for any new ideas.
- In the near future it will be necessary to think of SMR industries and exploiting SMR technologies. There is now the time to find the partners for different stakeholder groups. A common target should be also defining the acceptance criteria for licensing.

What more can the Member State do to obtain greater recognition for the nuclear industry at EU level?

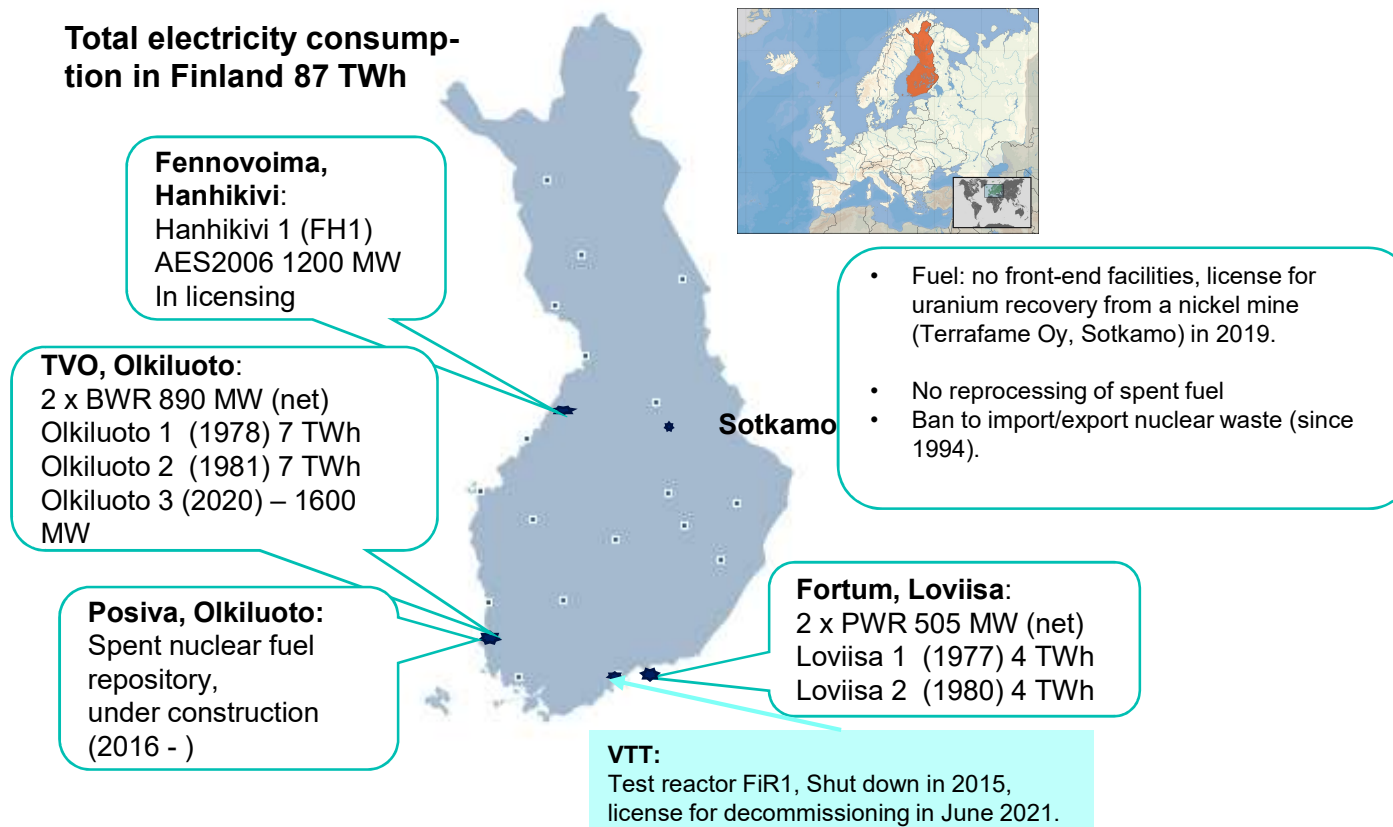


- **Are the EU Green Deal and recent Fit for 55 package a help or a hindrance for the nuclear industry?**
- I think both – if we are not recognising the role of nuclear in the zero emission production choices.
- Today about 1/3 of electricity is produced by nuclear power plants. The electricity consumption is increasing and at the same time we are banning use of fossil fuels > we need nuclear energy in our portfolio.
- **Should EU be doing more to support – and promote – its nuclear value chain at an international level (similar to the US, Russia and China)?**
- For major nuclear industry countries this is a big question > for security of supply domestic power production and skills are essential.
- Maintaining and increasing skills and competencies and understanding the development of nuclear technologies is essential for this.

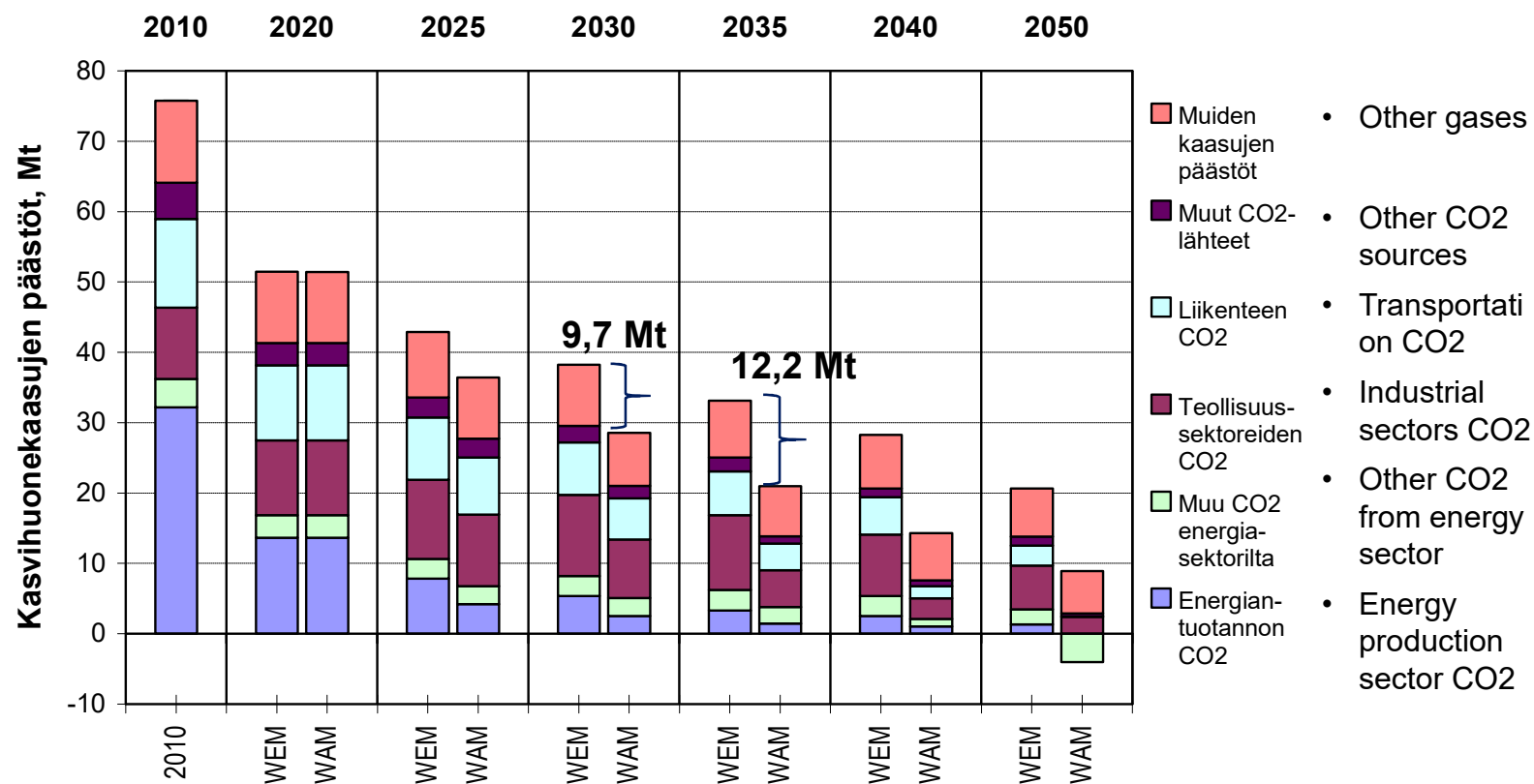
Nuclear energy production: 35 % of electricity produced in Finland (Olkiluoto and Loviisa) in 2019



Total electricity consumption in Finland 87 TWh

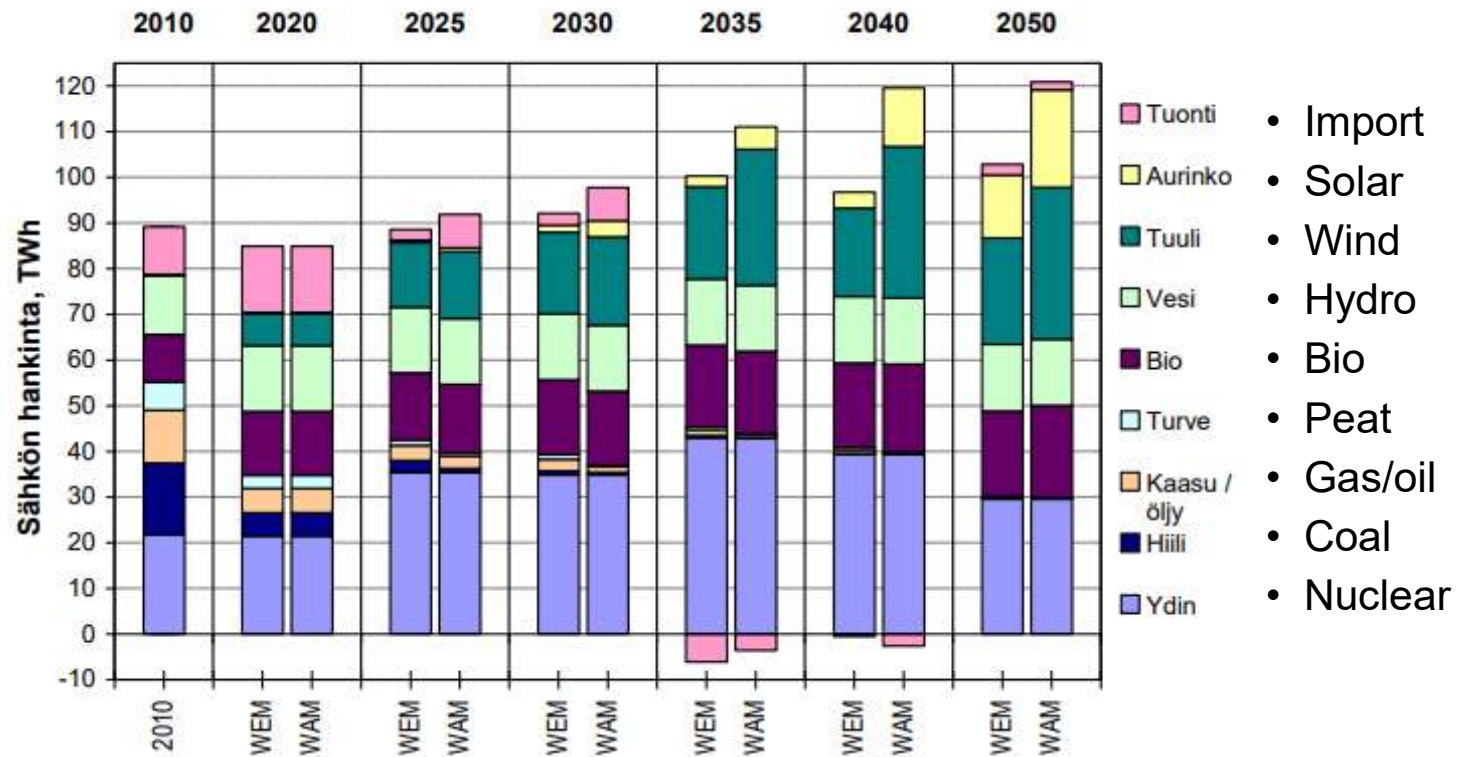


Green house emmissions (Mt)



Electricity total acquisition TWh

Strong electrification after 2030 when almost all production is fossil free



C&E strategy FI – actions



Nuclear Energy

- Nuclear energy act renewal – by the end of 2027, modernisation.
- Assessment of SMRs; exploitation of SMRs as a part of electricity and heat production systems with considerations of safety.