

**Kirsi Hassinen** from Platom presented the current state of the legislation and development aspects towards an enhanced and streamlined process for SMR licensing and qualification in Finland. Based on the assessment of the Finnish regulatory framework, a risk-based approach is proposed for SMR licensing, aiming to ensure safety, SMR profitability, and public acceptance, with a single, simplified, and dynamic model without tailoring. Platom's ongoing plans include the development of a specific program for licensing and qualification planning.

**Juhani Hyvärinen** from LUT presented an overview of what "SMR" means in terms of size, application, and technology, and how its deployment in Finland is feasible with the current nuclear energy act (990/1987). The Finnish nuclear legislation, envisioned parallelly to US-NRC 10CFR50/52, is under review: environmental impact assessment, a decision in principle (Finland), construction, operating, and decommissioning licensing. The regulatory framework ought to embrace new concept designs, business models, actors, etc., to the conventional licensing process, with nuclear responsibility as a baseline directive.