

The VTT logo consists of the letters 'VTT' in a bold, white, sans-serif font, centered within a solid black square. The background of the slide is a complex geometric pattern of triangles in blue, orange, black, and white, creating a textured, crystalline effect.

VTT

Commercializing Sustainable R&D

Jussi Manninen

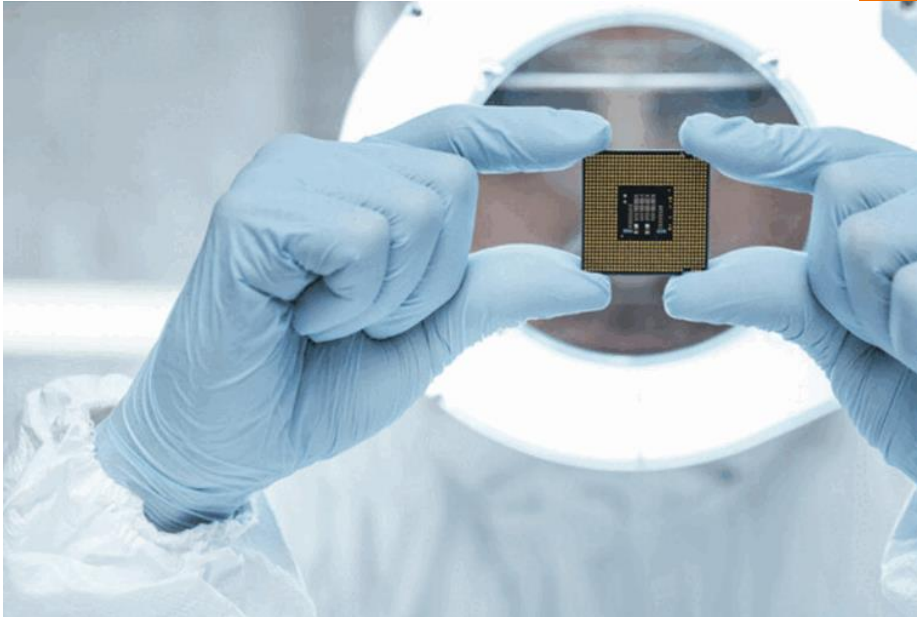
Executive Vice President, Carbon Neutral Solutions
VTT Technical Research Center of Finland

08/03/2024 VTT – beyond the obvious

We master R&D

With our brilliant minds and top-class R&D infrastructure we pave the way towards sustainable growth.

At VTT, we discover solutions to global challenges



- Growing sustainable coffee in a bioreactor
- Revolutionising industries and European competitiveness with quantum technology
- Providing solutions to support the safe and sustainable use of nuclear energy (i.e. SMRs, Radioactive Waste Management, Fusion)
- Producing alternative proteins
- Replacing fossil-based plastic packaging with wood-based alternative

Sustainability

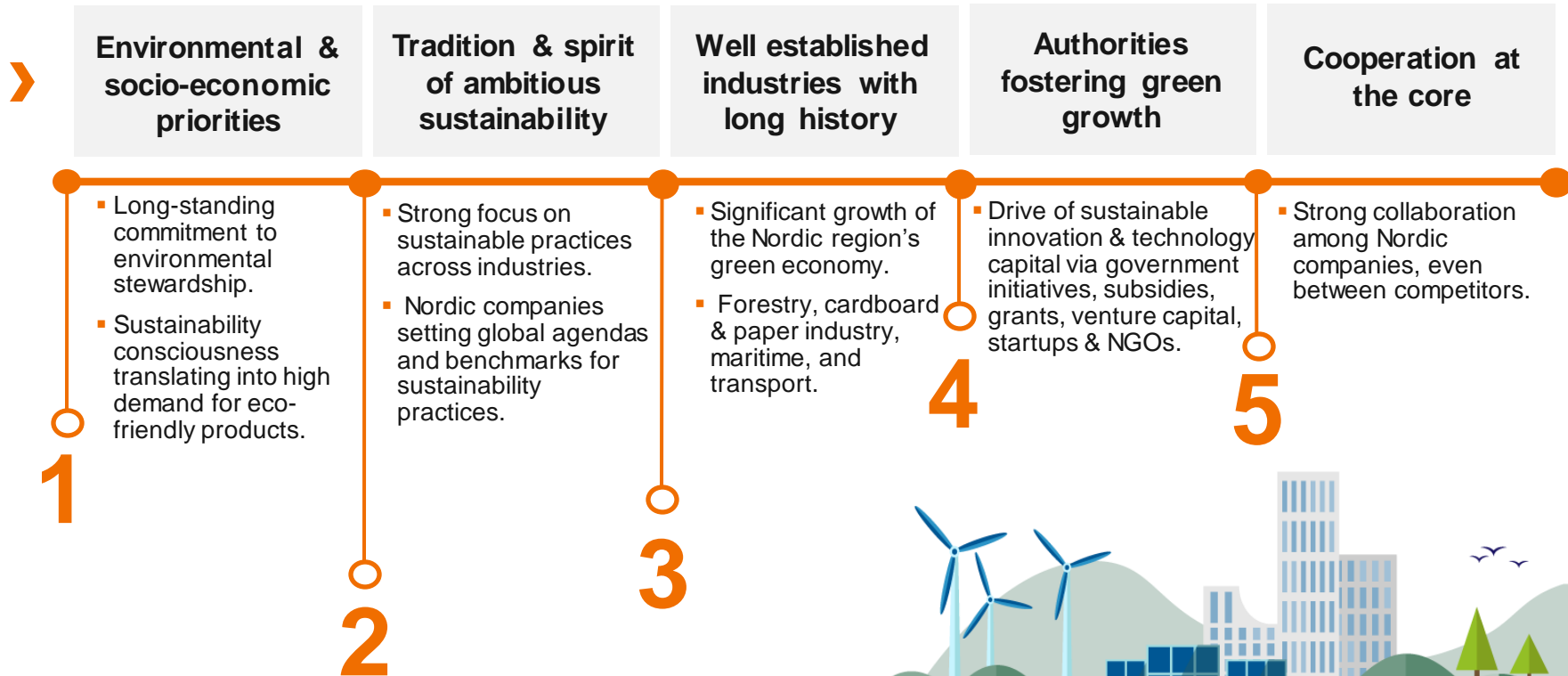


The successful commercialization of sustainable innovations hinges various factors

- ✓ **Government policies and support**
- ✓ **R&D funding**
- ✓ **Market demand**
- ✓ **Technological readiness**
- ✓ **Venture capital and financing**



Why are Nordic countries excelling in the commercialisation of sustainability?



US & Nordic cooperation is on solid ground

The US & Nordic countries want to intensify cooperation in security, technology, society, and the environment



Shared environmental goals: leading global efforts against climate change



Robust Transatlantic FDI: strong economic partnership & aligned interests



Technological cooperation: cooperation on research to develop technologies needed for the green transition and to stay at the technological forefront



Arctic: protecting and preserving the Arctic and promoting its sustainable economic development



Unique competitive advantages: Nordic sustainability innovation



Shared best practices: clean technologies, resource & energy efficiency, critical resources, resilient supply chains



Vast collaboration opportunities: U.S. and Nordic leaders are committed to pursuing the opportunities in the clean energy transition, enabling new jobs and growth

bey⁰nd

the obvious

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