



SOUTH KOREA ROUNDTABLE 17.04.2024

Mika Kouhia
Counsellor for STI
BUSINESS FINLAND

BUSINESS FINLAND

WE PROVIDE FUNDING FOR RESEARCH, DEVELOPMENT AND INNOVATION ACTIVITIES.

Innovations are the most important source of growth, according to research.

WE SUPPORT EXPORTS AND INTERNATIONALIZATION.

Finland depends on exports. The internationalization of companies is important for the national economy.

WE CREATE ECOSYSTEMS

Ecosystems improve the ability of companies to innovate, grow and succeed in international competition. We provide SMEs, in particular, with tools for growth and larger companies, often acting as leading companies, with a boost to change.

WE ATTRACT INVESTMENTS TO FINLAND.

Foreign investments bring new customers and partnerships and improve the international competitiveness of companies.

WE PROMOTE TOURISM TO FINLAND.

Tourism is an important industry for our national economy. A positive country image also benefits other industries.

Missions seize the most potential growth opportunities of the future

THEMATIC FOCUS AREAS



DIGINATIVE FINLAND

Improved international competitiveness and a functioning digital society.



ZERO CARBON FUTURE

Our future well-being is made with a global carbon handprint.



HEALTHCARE REIMAGINED 2035

We want to solve global health challenges as the population ages, chronic diseases increase, healthcare suffers from a growing labor shortage and resources are limited.



CIRCULAR TRANSITION FOR ZERO WASTE

By 2035, Finland will have become an international pioneer in the transition to zero waste in the circular economy.



IMMERSIVE DIGITAL LIFE

By 2035, Finland will be an internationally leading actor and enabler of immersive digital life.

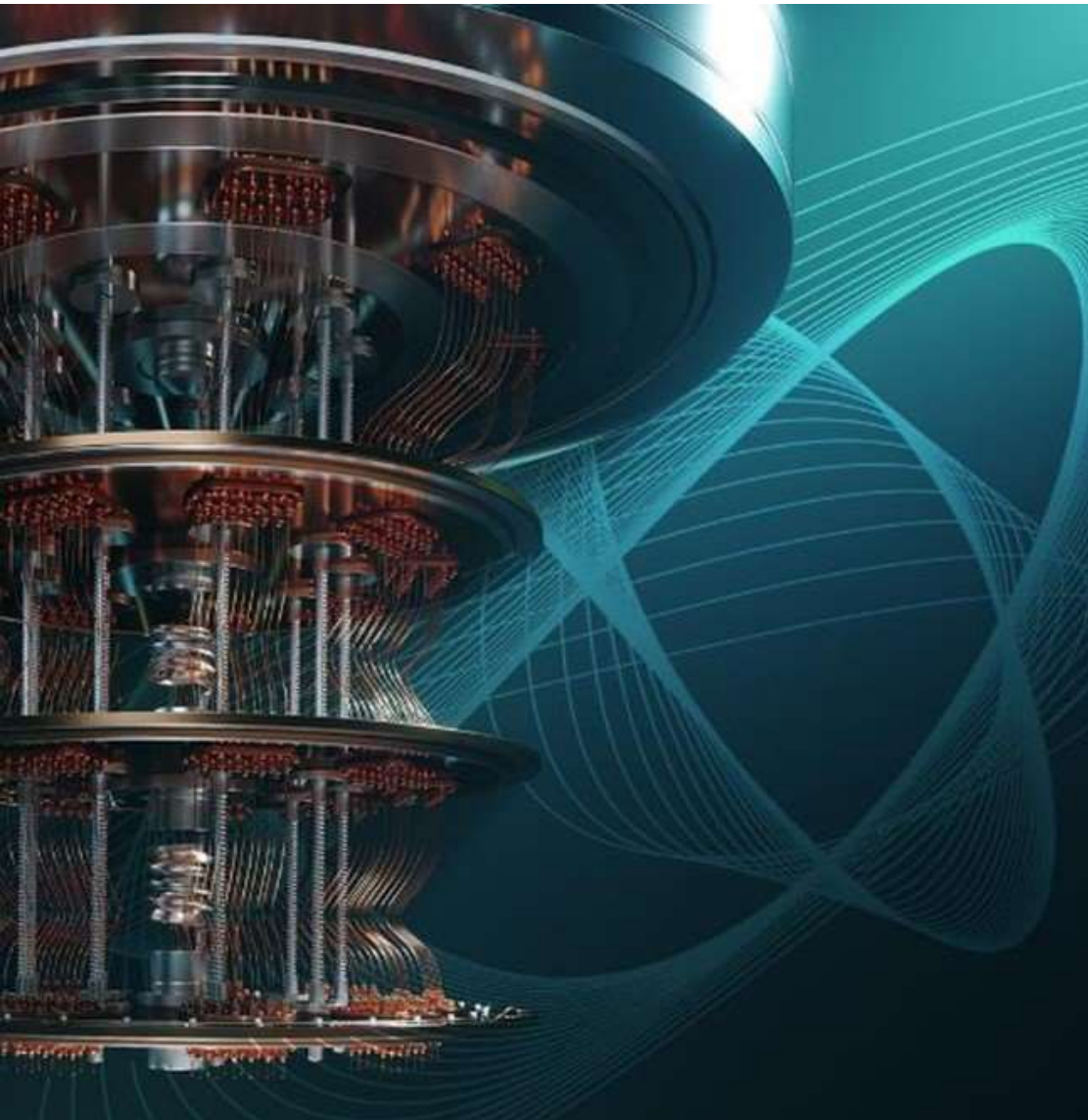
Cooperation with South Korea

- Several projects with Electronics and Telecommunications Research Institute (ETRI) lead consortium since 2019
- MoU with FQCF in 2022
- Cooperation projects with Korean National Research Foundation (NRF) in 2023
- Cooperation projects with Institute of Information & communications Technology Planning & Evaluation (IITP) in 2024



BF Funding / co-operation with South Korea





PROJECTS FUNDED WITH NRF

6G: Reflective Intelligent Surfaces

ETRI: Professor Hee Sang Chung

6GFlagship: Professor Matti Latva-aho

6G: Network Cloudification

Yonsei University: Professor Seong-Lyun Kim

Aalto University: Professor Riku Jäntti

Quantum: Post Quantum Cryptography- Quantum Key Distribution

ETRI: Professor Jungjin Ju

VTT: Mr. Visa Vallivaara

Quantum: Hybrid quantum-classical information processing

KAIST: Professor Joonwoo Bae

Jyvaskyla University: Professor Teiko Heinosaari



PROJECT WITH IITP

- (Concept) Korea-Finland joint research on development of interference management in integrated sensing and communications
 - (Scope) The research encompasses:
 - Develop interference management algorithms and protocols to mitigate conflicts between sensing and communication operations
 - Explore dynamic spectrum access techniques to optimize frequency utilization
 - Evaluate the performance of ISAC technologies through simulations or practical experiments
 - (Outcome)
 - Publication of joint paper published from both sides
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FINLAND**

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THINK BIG**

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