Vision and road map of the Research and Innovation Council Finland
Finland in 2030: the most attractive and competent environment for experimentation and innovation

Finland is an innovative, caring and safe country with world-class quality of living and possibilities for entrepreneurship.

The welfare, sustainable growth and competitiveness of Finland are based on a high level of competence, education, creativity, openness, trust, productivity, adaptability, and experiment-based cutting-edge innovations.

We are willing to learn new things, we appreciate know-how in its various forms, and we utilise it effectively both in business life and in the other sectors of society. We build a solid competence base consistently over a long period of time. We seize the opportunities and address the needs for change brought along by megatrends such as digitalisation and artificial intelligence in a timely manner. We produce solutions to global problems and respond to international demand.

The Finnish public and private sector together invest 4% of the GDP in research and innovation activities in an effective and profitable manner. These investments improve, for their part, the wellbeing of the population and society. Working together, both in Finland and abroad, is our strength.
PROCEDURES FOR MAKING STRATEGIC CHOICES

ENSURING THE COMPETENCE BASE

Higher level of competence that also meets the needs
Consolidation and effectiveness of RDI resources
Cross-sectoral RDI activities and education
Knowledge, inclusion and meaningfulness as Finland’s strengths

DEVELOPMENT OF COMPETENCE PLATFORMS AND GROWTH ECOSYSTEMS

Public administration as an enabler
Competence platforms accelerate the introduction of new solutions
Innovation partnerships and ecosystems renew the economy
Data and artificial intelligence as drivers of platform economy

INTERNATIONALITY AS A PREREQUISITE FOR QUALITY AND EFFECTIVENESS

More attractive Finland
Habit of mobility
Finnish actors claim their position in global networks

FINLAND IS THE MOST ATTRACTIVE AND COMPETENT ENVIRONMENT FOR EXPERIMENTATION AND INNOVATION
Finland is the most attractive and competent environment for experimentation and innovation

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Clear procedures for making strategic choices that support renewal
### Clear procedures for making strategic choices that support renewal

| Research and Innovation Council will outline the principles and/or procedures for the preparation and making of strategic choices | An overall picture of Finland’s strengths and opportunities for growth will be created based on the views and foresight activities of different actors | The shared overall picture will steer the research and innovation policy actors in making choices related to growth and competence | The choices made will be continuously assessed and their direction dynamically adjusted |

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**FINLAND IS THE MOST ATTRACTION AND COMPETENT ENVIRONMENT FOR EXPERIMENTATION AND INNOVATION**
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| Higher level of competence that also meets the needs | - Knowledge and skills in mathematics and natural sciences will be reinforced at all levels of education  
- Reform of general upper secondary education  
- Student admissions will be developed and contents of degrees will be made more flexible | Requirements set by societal challenges (e.g. digitalisation) direct the development of the competence base | - The share of doctors among RDI employees is 15% in businesses and 30% in all organisations  
- Finnish RDI activities are among the World’s best in Finland’s strongest areas of expertise |

Consolidation and effectiveness of RDI resources

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<th>Cross-sectoral RDI activities and education</th>
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| Cross-sectoral RDI activities will be supported by public funding, and openness of science will be promoted on several fronts | Cooperation between the public sector, third sector and businesses is appreciated and reciprocal | - Actors within the innovation system have shared campuses, infrastructures and employees  
- Innovation ecosystems generate genuinely new business |

Knowledge, inclusion and meaningfulness as Finland’s strengths

| Knowledge system provides opportunities for students with different goals throughout their lives  
- Science education is started in early childhood education and care | Education, research and innovation policy-related choices support effective utilisation of information produced abroad |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| - Multiliteracy, source criticism and knowledge-based approach will be promoted and applied at all levels of education in accordance with the national core curriculum  
- A new training model to meet immigrants’ needs will be established | - Multiliteracy, source criticism and knowledge-based approach will be promoted and applied at all levels of education in accordance with the national core curriculum  
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Finland is the most attractive and competent environment for experimentation and innovation 2030
### Measures during this government term

**Public administration as an enabler**

- Development of strategic growth sectors will be supported through several administrative branches’ joint efforts and roadmaps for research and innovation

**Short-term objective**

- Cross-sectoral cooperation, permissive legal framework and innovative public procurements enable the emergence and development of lead markets

**Long-term objective**

- Finland leads the way in the development of an entrepreneurship and market environment that boosts the growth of innovative businesses and ecosystems

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**Competence platforms accelerate the introduction of new solutions**

- Strong incentives for the research community's and business sector's joint research environments and test platforms will be introduced

**Competence platforms**

- Competence platforms accelerate the introduction of new technologies and solutions and give rise to new innovation-based business activities and export

**Finnish environments for research and experiment in the strategic areas of expertise are among the best in the world and attract talents and investments to Finland**

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**Innovation partnerships and ecosystem development renew the economy**

- Growth engines, supported by the Flagships, will be used to develop promising growth ecosystems on the basis of the strategic priorities defined

**Innovation partnerships boost the development of growth ecosystems and the economic renewal**

- There are several business-run billion-euro growth ecosystems which produce competitive solutions to global needs

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**Data and artificial intelligence as drivers of platform economy**

- Cooperation between administrative branches in the application of artificial intelligence and in the implementation of the roadmap for platform economy will be intensified

**Data and artificial intelligence which intensifies data usage are utilised systematically in the renewal of all sectors and in increasing the value added**

- Finland is one of the world’s leading countries in the development of digital platform economy and we grasp the related global business opportunities

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**2030**

Finnland is the most attractive and competent environment for experimentation and innovation
### Measures during this government term

#### More attractive Finland

- Well-functioning mechanisms for international recruitment will be established. Opportunities for immigrants to start studying and working will be enhanced, e.g. by reforming the Aliens Act.

#### Habit of mobility

- More favourable conditions for intersectoral mobility will be created
- A period of international mobility will be included in all higher education degrees

#### Finnish actors claim their position in global networks

- The ‘Business Finland’ reform will reinforce the presence of Finnish actors in the growth markets and in international innovation clusters
- A Team Finland Knowledge network will be established to represent Finnish education and research in select countries

### Short-term objective

- Finland is an attractive place for experts to live, study and work
- It is easier for those who arrive in Finland to start studying and working
- Finnish actors are key operators in global networks

### Long-term objective

- High-quality R&D environments attract the world’s leading experts to Finnish higher education institutions and companies
- Finnish RDI employees work part of their career abroad
- We act as hubs in the world’s best networks within our strongest areas of expertise
- Connections to global value networks give rise to scalable export business activities and attract international investments to Finland
Measures will be updated for each government term

Objectives and measures for this government term

Short-term objectives

Long-term objectives

Objectives and measures for the next government term

Short-term objectives

Long-term objectives

May be added/removed

Objectives and measures for the next government term

Short-term objectives

Long-term objectives

May be added/removed

Etc.

+ Possible new objectives

+ Possible new objectives

+ Possible new objectives

Research and Innovation Council