

# Research-based knowledge for society

# Strategic research is

- ▶ socially relevant, solution-oriented and impactful
- ▶ scientifically excellent
- ▶ multidisciplinary
- ▶ dialogue between researchers and knowledge-users.



# Strategic research themes and programmes

## The programmes run by the Strategic Research Council (SRC) are based on themes that

- are key challenges for the future of Finland
- extensively affect different sectors of society
- require multidisciplinary and long-term research.

## The programme themes take shape in an interactive process during which

- the views of scientists, universities, research institutes and ministries are heard
- the SRC prepares a proposal to the Finnish Government on new themes and cross-programme priorities.

## The Government decides the final themes, which the SRC then formulates into research programmes.

SRC programmes run for 4–6 years.

## Key figures of strategic research (2015–2022)



**21** programmes funded



**87** consortium projects composed of several subprojects



**56** million euros in funding per year



**8** completed programmes

# Strategic research



The Strategic Research Council (SRC) is an independent body established within the Academy of Finland. The SRC proposes themes to the Finnish Government for the next strategic research programmes, opens programme calls around confirmed themes, decides on the selection of research projects, and monitors the projects and evaluates their impact.

# Strategic research programmes and projects

**2018–2023**

**Adaptation and Resilience for Sustainable Growth, ADAPT**

<b>Programme Director: Kaisa Korhonen-Kurki</b>
<a href="#">Integrated Biodiversity Conservation and Carbon Sequestration in the Changing Environment (IBC-CARBON) &gt;</a>
<a href="#">Enhancing Adaptive Capacity for Sustainable Blue Growth (BlueAdapt) &gt;</a>
<a href="#">Creative Adaptation to Wicked Socio-Environmental Disruptions (WISE) &gt;</a>
<a href="#">Improving the Information Base and Optimising Service Solutions to Support Social Welfare and Healthcare Reform (IMPRO) &gt;</a>
<a href="#">Novel Soil Management Practices – Key for Sustainable Bioeconomy and Climate Change Mitigation (SOMPA) &gt;</a>
<a href="#">Manufacturing 4.0 – Strategies for Technological, Economic, Educational and Social Policy Adoption (MFG 4.0) &gt;</a>

**2018–2023**

**Keys to Sustainable Growth (GROWTH)**

<b>Programme Director: Anne-Christine Ritschkoff</b>
<a href="#">Educational Transformations for Facilitating Sustainable Personal, Social and Institutional Renewal at the Digital Age (Growing Mind) &gt;</a>
<a href="#">All Youth Want to Rule their World (ALL-YOUTH) &gt;</a>
<a href="#">Circular Economy Catalysts: From Innovation to Business Ecosystems (CICAT2025) &gt;</a>
<a href="#">New packaging solutions for people, planet and business (Package-Heroes) &gt;</a>
<a href="#">Sustainable Drug Discovery and Development with End-of-Life Yield (SUDDEN) &gt;</a>
<a href="#">Healthy Lifestyles to Boost Sustainable Growth (STYLE) &gt;</a>

**2019–2025**

**Culture in an Increasingly Technologically Driven Society (CULT)**

<b>Programme Director: Minna Lammi</b>
<a href="#">Towards socially inclusive digital society: Transforming service culture (DigiIn) &gt;</a>
<a href="#">Intimacy in Data-Driven Culture (IDA) &gt;</a>
<a href="#">Learning to be digital consumers: How to improve young people's financial skills in a technologically driven consumer society? (DigiConsumers) &gt;</a>

# Strategic research programmes and projects

**2019–2025**

**Towards a Sustainable, Healthy and Climate-Neutral Food System (FOOD)**

<b>Programme Director: Juha Helenius</b>
<a href="#">Multi-benefit solutions to climate-smart agriculture (MULTA) &gt;</a>
<a href="#">Just transition: Tackling inequalities on the way to a sustainable, healthy and climate-neutral food system (JUST-FOOD) &gt;</a>
<a href="#">Legumes for sustainable food system and healthy life (LEG4LIFE) &gt;</a>

**2019–2025**

**The Changing Role of Public Authority and the Potential for Steering Society (STEER)**

<b>Programme Director: Mika Nieminen</b>
<a href="#">Towards EcoWelfare State: Orchestrating for Systemic Impact (ORSI) &gt;</a>
<a href="#">Ethical AI for the Governance of the Society (ETAİROS) &gt;</a>
<a href="#">Smart land use policy for sustainable urbanization (SmartLand) &gt;</a>

**2019–2025**

**Innovative Materials and Services to Promote Resource Wisdom and Sustainable Development (IMPRES)**

<b>Programme Director: Asta Salmi</b>
<a href="#">Bio Based Dyes and Pigments for Colour Palette (BioColour) &gt;</a>
<a href="#">Bio-oils based polymeric composites; value chain from synthesis to additive manufacturing (ValueBioMat) &gt;</a>
<a href="#">Sustainable textile systems: Co-creating resource-wise business for Finland in global textile networks (FINIX) &gt;</a>



# Strategic research programmes and projects

**2020–2026**

**Information literacy and evidence-informed decision-making (LITERACY)**

<b>Programme Director: Jarmo Viteli</b>
<a href="#">Fostering Finnish Science Capital (FINSCI) &gt;</a>
<a href="#">Reliable knowledge for health care: process and practice of shared decision making (PROSHADE) &gt;</a>
<a href="#">Technological and Societal Innovations to Cultivate Critical Reading in the Internet Era (CRITICAL) &gt;</a>
<a href="#">Silent agents affected by legislation: from an insufficient knowledge base to inclusive solutions (SILE) &gt;</a>
<a href="#">Data Literacy for Responsible Decision-Making (DataLit) &gt;</a>

**2020–2026**

**Climate change and humans (CLIMATE)**

<b>Programme Director: Paula Schönach</b>
<a href="#">Individuals, communities and municipalities mitigating climate change by carbon smart green space (CO-CARBON) &gt;</a>
<a href="#">Leaving No One Lost in Transition: Citizens and the Legitimacy of Finland's Transition to a Carbon Neutral Welfare State (2035Legitimacy) &gt;</a>
<a href="#">Nudging for climate: Using behavioral sciences for steering communities to reduce greenhouse gas emissions and fortify carbon sinks (CLIMATE-NUDGE) &gt;</a>
<a href="#">Citizens as agents of change in decarbonizing suburban and rural housing (Decarbon-Home) &gt;</a>

**2021–2024**

**Pandemics as a Challenge for Society (PANDEMICS)**

<b>Programme Director: Marjo Kurki</b>
<a href="#">Safeguarding welfare in times of pandemics: towards collaborative governance of syndemics (WELGO) &gt;</a>
<a href="#">Just Recovery from Covid-19? Fundamental Rights, Legitimate Governance and Lessons Learnt (JuRe) &gt;</a>
<a href="#">Resistant Cities: Urban Planning as Means for Pandemic Prevention (RECIPE) &gt;</a>
<a href="#">Resilient schools and the education system (EduRESCUE) &gt;</a>

# Strategic research programmes and projects

**2021–2027**

**Demographic Changes – Causes, Consequences and Solutions (DEMOGRAPHY)**

<b>Programme Director: Susan Kuivalainen</b>
<a href="#">Life course and economic implications of demographic change (LIFECON)</a> >
<a href="#">Family Formation in Flux - Causes, Consequences, and Possible Futures (FLUX)</a> >
<a href="#">Social networks, fertility and wellbeing in ageing populations: Building demographics resilience in Finland (NetResilience)</a> >
<a href="#">Economic and social sustainability across time and space in an ageing society (SustAgeable)</a> >
<a href="#">Mobile Futures: Diversity, Trust, and Two-Way Integration (Mobile Futures)</a> >

**2021–2027**

**Environmental and Social Links to Biodiversity Loss (BIOD)**

<b>Programme Director: Juha Hiedanpää</b>
<a href="#">Biodiversity offsetting as an operational tool for a just sustainability transition towards no net loss of ecosystems and biodiversity (BOOST)</a> >
<a href="#">Biodiversity Respectful Leadership (BIODIFUL)</a> >
<a href="#">Biodiversity interventions for well-being (BIWE)</a> >

**2022–2028**

**Children and young people – healthy, thriving and capable makers of the future (YOUNG)**

<b>Programme Director: Marjo Kurki</b>
<a href="#">Adverse childhood experiences in the life course: Long-term consequences and effective institutional responses (ACElife)</a> >
<a href="#">Out of despair – providing solutions to break the pathways leading to violent, suicidal and drug-induced deaths of young people (Young Despair)</a> >
<a href="#">Improval mental wellbeing as a means of increasing inclusion of young people (IMAGINE)</a> >
<a href="#">Right to Belong: Tackling Loneliness and Ostracism during Childhood and Youth (R-to-B)</a> >
<a href="#">Future School of Comprehensive Well-Being (SchoolWell)</a> >



# Strategic research programmes and projects

**2022–2028**

**Security and trust in the age of algorithms  
(SHIELD)**

**Programme Director: Karoliina Snell**

Designing Inclusive & Trustworthy Digital Public Services for Migrants in Finland (Trust-M) >

Valuable breakages: repair and renewal of algorithmic systems (REPAIR) >

Generation AI >

The democratic epistemic capacities in the age of algorithms (DECA) >

# Completed programmes

## 2016–2019

Urbanising Society (URBAN)
Health, Welfare and Lifestyles (HEALTH)
Skilled Employees – Successful Labour Market (WORK)
Security in a Networked World (SECURITY)

## 2015–2021

A Climate-Neutral and Resource-Scarce Finland (PIHI)
Equality in Society (EQUA)
Disruptive Technologies and Changing Institutions (TECH)

## 2017–2021

Changing Society and Active Citizenship (CITIZEN)
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