



strategic RESEARCH

RESEARCH-BASED KNOWLEDGE TO SUPPORT SOCIETY



ACADEMY
OF FINLAND

STRATEGIC RESEARCH

- research with societal relevance and impact
- excellent research
- solution-oriented research
- builds on dialogue between researchers and those who need research-based knowledge

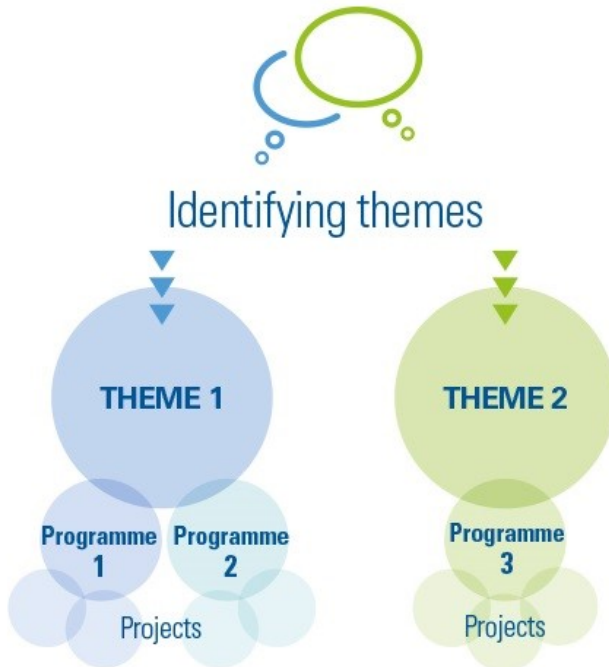
THE STRATEGIC RESEARCH COUNCIL (SRC)

- proposes annually topical research themes to the Government
- launches research programmes based on the themes decided by the Government
- selects the projects to be funded based on societal relevance, impact and scientific quality
- monitors the funded projects and assesses their impact
- operates at the Academy of Finland



STRATEGIC RESEARCH THEMES

- are key challenges for the future of Finland
- concern several administrative branches
- require multidisciplinary and long-term research



KEY FIGURES OF STRATEGIC RESEARCH (2015-2019)

- 13** themes
- 14** programmes
- 57** projects
- some **260** million euros in research funding

STRATEGIC RESEARCH PROGRAMMES AND PROJECTS

2015–2021

Disruptive Technologies and Changing Institutions (TECH)

Programme Director: Heli Koski

Platform Value Now: Value capturing in the fast emerging platform ecosystems (PVN)	platformvaluenow.org @alustatalous
Competence-Based Growth Through Integrated Disruptive Technologies of 3D Digitalization, Robotics, Geospatial Information and Image Processing/Computing - Point Cloud Ecosystem (COMBAT)	pointcloud.fi @pointcloudfi
Cloud Computing as an Enabler of Large Scale Variable Distributed Energy Solutions (BC-DC)	bcdenergia.fi @bcdenergia
Robots and the Future of Welfare Services (ROSE)	roseproject.aalto.fi @ROSERobotic
Smart Energy Transition - Realizing its potential for sustainable growth for Finland's second century (SET)	smartenergytransition.fi @SET_Project_FI
Digital Disruption of Industry (DDI)	ddi.aalto.fi/en @digimurros

A Climate-Neutral and Resource-Scarce Finland (PIHI)

Programme Director: Mikael Hildén

Sustainable, climate-neutral and resource-efficient forest-based bioeconomy (FORBIO)	uef.fi/forbio @FORBIOproject
Closing the Loop for High-Added-Value Materials (CloseLoop)	closeloop.fi @CloseLoopTeam
Gulf of Bothnia as Resource for Sustainable Growth (SmartSea)	smartsea.fmi.fi @SmartSeaProject
Transition to a resource efficient and climate neutral electricity system (EL-TRAN)	el-tran.fi @Eltranteam
Novel protein sources for food security and climate (ScenoProt)	luke.fi/scenoprot @scenoprot

Equality in Society (EQUA)

Programme Director: Olli Kangas

Tackling Inequalities in Time of Austerity (TITA)	utu.fi/tita @TITAconsortium
Preventing social exclusion: What works and why? (PSE, Oma linja)	omalinja.fi @omalinja
Arts as Public Service: Strategic Steps towards Equality (ArtsEqual)	artsequal.fi @ArtsEqual
Finnish childcare policies: in/equality in focus (CHILDCARE)	jyu.fi/childcare @CCtutkimus
Work, Inequality and Public Policy (WIP)	uta.fi/projects/wip @WIPconsortium
Social and Economic Sustainability of Future Worklife: Policies, Equalities and Intersectionalities in Finland (WeAll)	weallfinland.fi @WeAllFinland

2016–2019

Skilled Employees - Successful Labour Market (WORK)

Programme Director: Eveliina Saari

Occupational restructuring challenges competencies (Polkuja työhön)	polkujatyohon.fi @polkujatyohon
Smart work in a platform economy (SWiPE)	smartworkresearch.fi @swipe_STN
Skills, education and the future of work (SEFW, Taidot työhön)	taidottyohon.fi @taidottyohon
Competent workforce for the future (COPE)	stncope.fi @StnCope

Health, Welfare and Lifestyles (HEALTH)

Programme Director: Eveliina Saari

Evidence-based health promotion @work (Promo@Work)	ttl.fi/tutkimushanke/ promo-at-work
Inclusive promotion of health and wellbeing (PROMEQ)	promeq.fi @Promeq_hanke
STOP DIABETES - knowledge-based solutions (StopDia)	stopdia.fi @StopDiaFinland
Transferring child and adolescent mental health treatment to awareness, prevention and early intervention (APEX)	utu.fi/apex @APEXtutkimus

Security in a Networked World (SECURITY)

Programme Director: Riitta Kosonen

From Failand to Winland (Winland)	winlandtutkimus.fi @WinlandFI
Multilayered borders of global security (GLASE)	glase.fi @GLASEResearch

Urbanising Society (URBAN)

Programme Director: Riitta Kosonen

Urbanisation, mobilities and immigration (URMI)	urmi.fi @URMI_team
Dwellers in agile cities (DAC)	agilecities.fi @agile_dwellers
Beyond MALPE coordination: integrative envisioning (BEMINE)	bemine.fi @bemine_project

2017–2021

Changing Society and Active Citizenship (CITIZEN)

Programme Director: Kaisa Korhonen-Kurki

Biases and Bubbles in Participation (BIBU)	bibu.fi @BIBUresearch
Collaborative remedies for fragmented societies - facilitating the collaborative turn in environmental decision-making (CORE)	collaboration.fi @core_STN
Participation in Long-Term Decision-Making (PALO)	paloresearch.fi @PALOresearch

2018–2023

Keys to Sustainable Growth (GROWTH)

Programme Director: Kaisa Korhonen-Kurki

All Youth Want To Rule Their World (ALL-YOUTH)	allyouthstn.fi @AllYouthKaikki
Growing Mind: Educational transformations for facilitating sustainable personal, social, and institutional renewal at the digital age (GrowingMind)	growingmind.fi/ theproject
Sustainable Drug Discovery and Development with End-of-Life Yield (SUDDEN)	sudden.fi @SUDDENresearch
Circular Economy Catalysts: From Innovation to Business Ecosystems (CICAT2025)	cicat2025.turkuamk.fi @CICAT2025
New packaging solutions for people, planet and business (PACKAGE-HEROES)	styletutkimus.fi @styletutkimus
Healthy Lifestyles to Boost Sustainable Growth (STYLE)	packageheroes.fi @PackageHeroes

Adaptation and Resilience for Sustainable Growth (ADAPT)

Programme Director: Kaisa Korhonen-Kurki

Integrated Biodiversity Conservation and Carbon Sequestration in the Changing Environment (IBC-CARBON)	ibccarbon.fi @IBCCarbon
Enhancing Adaptive Capacity for Sustainable Blue Growth (BlueAdapt)	blueadapt.fi @BlueAdapt
Creative adaptation to wicked socio-environmental disruptions (WISE)	wiseproject.fi @wiseprojectfi
Improved knowledge base and service optimisation to support health and social services reform (IMPRO)	stnimpro.fi @StnImpro
Novel soil management practices - key for sustainable bioeconomy and climate change mitigation (SOMPA)	luke.fi/sompa @stnSOMPA
Manufacturing 4.0 - strategies for technological, economical, educational and social policy adoption (Manufacturing 4.0)	mfg40.fi @mfg40fi

2019–2025*

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

Multi-benefit solutions to climate-smart agriculture (MULTA)

Just transition: Tackling inequalities on the way to a sustainable, healthy and climate-neutral food system (JUST-FOOD)

Legumes for sustainable food system and healthy life(LEG4LIFE)

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

Towards EcoWelfare State: Orchestrating for Systemic Impact (ORSI)

Ethical AI for the Governance of the Society (ETAİROS)

Smart land use policy for sustainable urbanization (SLUPSU)

Culture in an Increasingly Technologically Driven Society (CULT)

Towards socially inclusive digital society: Transforming service culture (DigiIN)

Intimacy in Data-Driven Culture (IDA)

Learning to be digital consumers: How to improve young people's financial skills in a technologically driven consumer society? (DigiConsumers)

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

Bio Based Dyes and Pigments for Colour Palette (BioColour)

Bio-oils based polymeric composites; value chain from synthesis to additive manufacturing (VALUEBIOMAT)

Sustainable textile systems: Co-creating resource-wise business for Finland in global textile networks (FINIX)

*Webpage addresses and social media channels for the new projects (starting fall 2019) will be updated later when available.

strategic RESEARCH



aka.fi/src



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