



# strategic RESEARCH

RESEARCH-BASED KNOWLEDGE TO SUPPORT SOCIETY



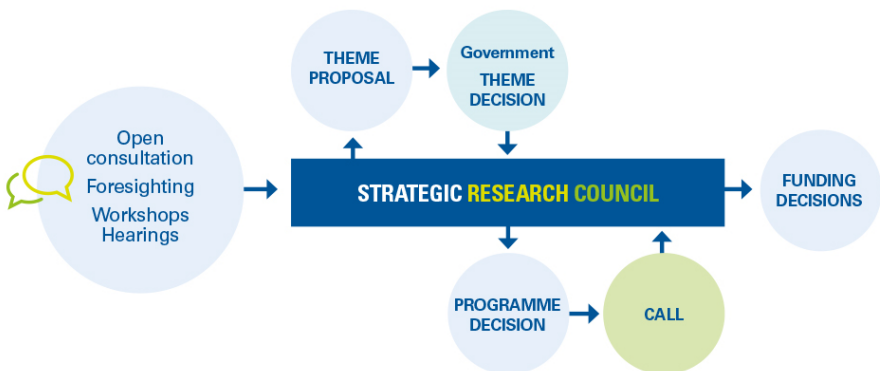
ACADEMY  
OF FINLAND

## 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

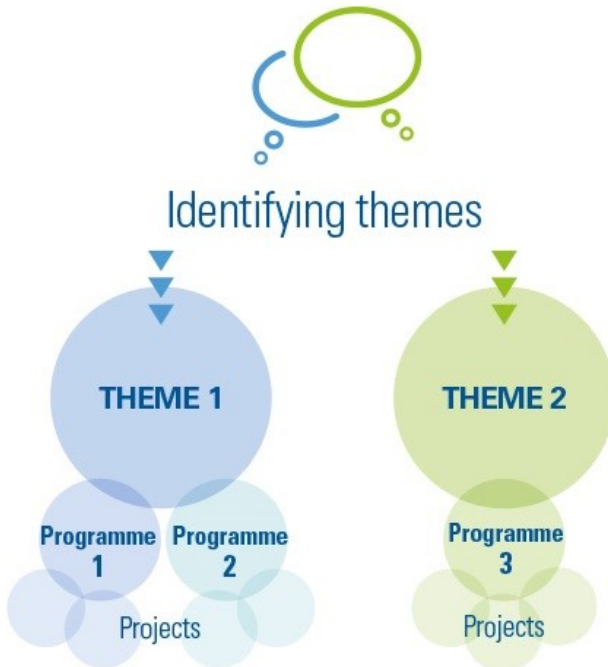
## THE STRATEGIC RESEARCH COUNCIL (SRC)

- 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 (BCDC)	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)

Programme Director: Helena Kahiluoto

Multi-benefit solutions to climate-smart agriculture (MULTA)	carbonaction.org/stn-multa/
Just transition: Tackling inequalities on the way to a sustainable, healthy and climate-neutral food system (JUST-FOOD)	syke.fi/projects/justfood @justfood_stn
Legumes for sustainable food system and healthy life (LEG4LIFE)	leg4life.fi/ @Leg4Life_STN

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

Programme Director: Helena Kahiluoto

Towards EcoWelfare State: Orchestrating for Systemic Impact (ORSI)	ecowelfare.fi @orsi_stn
Ethical AI for the Governance of the Society (ETAİROS)	etairos.fi/ @etairosai
Smart land use policy for sustainable urbanization (SmartLand)	smartland.fi @SmartLandFI

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

Programme Director: Minna Lammi

Towards socially inclusive digital society: Transforming service culture (DigiIN)	digiiin.fi @STNDigiIN
Intimacy in Data-Driven Culture (IDA)	dataintimacy.fi/ @in_driven
Learning to be digital consumers: How to improve young people's financial skills in a technologically driven consumer society? (DigiConsumers)	digiconsumers.fi/ @ConsumersDigi

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

Programme Director: Asta Salmi

Bio Based Dyes and Pigments for Colour Palette (BioColour)	biocolour.fi @BioColourFI
Bio-oils based polymeric composites; value chain from synthesis to additive manufacturing (VALUEBIOMAT)	valuebiomat.fi/ @valuebiomat
Sustainable textile systems: Co-creating resource-wise business for Finland in global textile networks (FINIX)	finix.aalto.fi @finixrevolution

# strategic RESEARCH



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Strateginen tutkimus



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