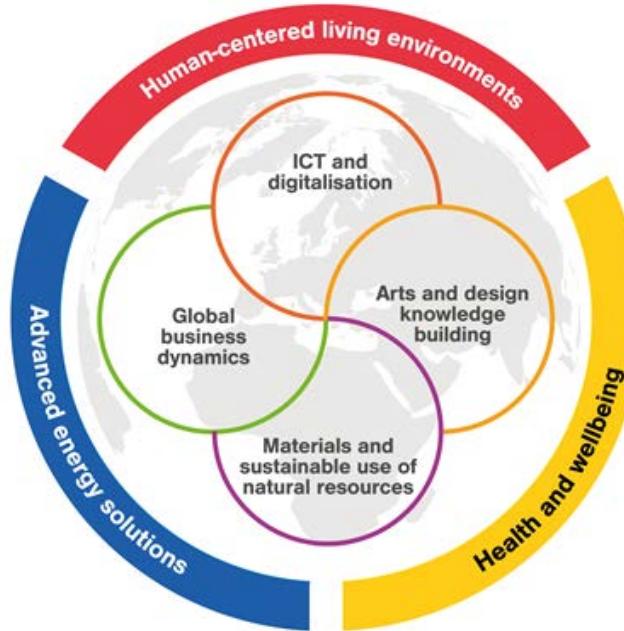


Aalto Key Research Areas: Platforms as entry points



Energy Platform	2013
Digi Platform	2014
Living+ Platform	2015
Health Platform	2016
Materials Platform	2016
Entrepreneurship Platform	2017
Experience Platform	2018

Aalto Platforms' Activities

Events, Networking, Training, and Practice

Getting people talking across the disciplinary boundaries and collaborate in-house and with industry

Multidisciplinary Collaboration

Connecting artists, technical, and scientific researchers through projects and event support

Seed Funding

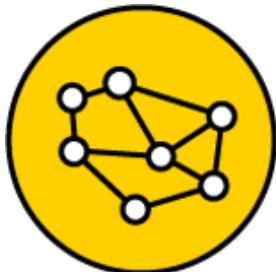
To support external funding applications, emerging research lines, and mobility between departments

Visualization of Research

Photo shoots, graphic design and exhibitions



Platform Activities



Networking



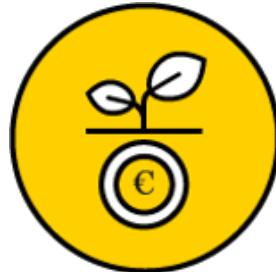
Visibility



Events

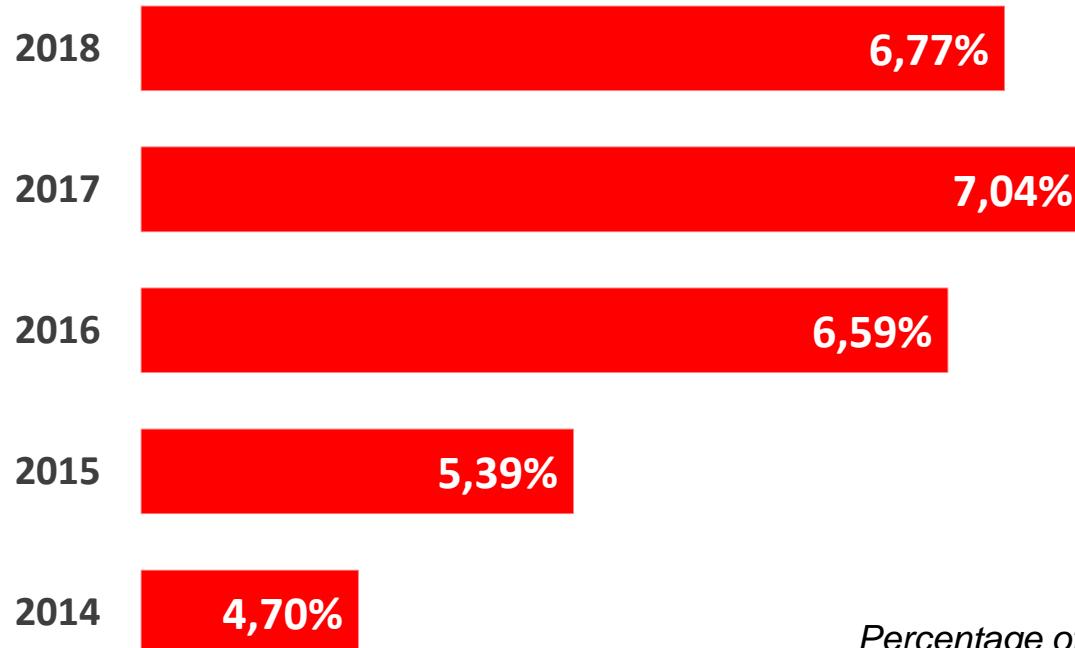


Access To
Collaboration



Seed Funding

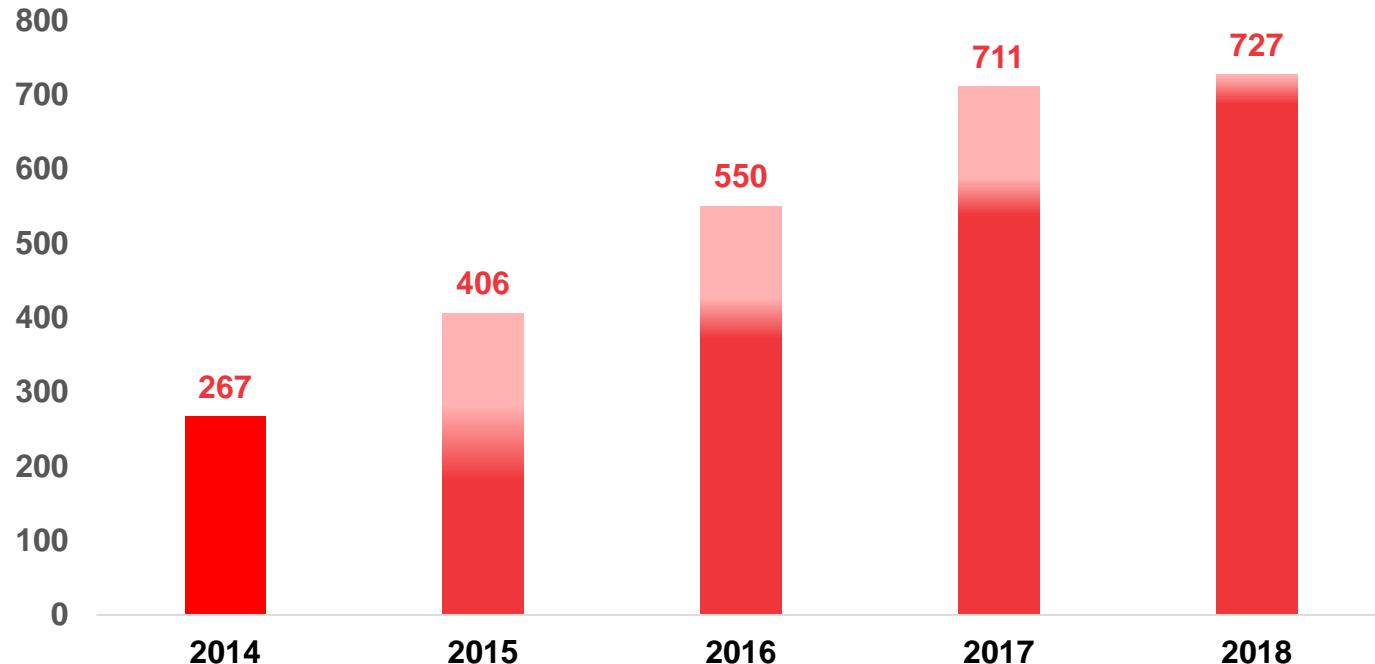
Multischool publications are showing increasing trend



Statistics

Platform name	Established in	Aalto professors in the field	Events	Event Participants
Digi	2014	160	9	1400
Energy	2013	65	8	450
Entrepreneurship	2017	40	5	400
Experience	2017	50	11	1200
Health	2016	91	7	1900
Living+	2015	137	13	450
Materials	2016	85	9	650
Sustainability hub	2018	97	12	1200

Multischool projects tripled from 2014 to 2018



Multidisciplinary Aalto



74

Platform
events



30

Seed grants



259

Multischool
publications



727

Multischool
projects

Success Stories of the Seed funded grants (examples)

Industrial Internet for Smart Factories, STN, Riku Jäntti	3,70 M €
Scaling Blockchains for open IoT Platforms, Mäntylä Martti	1,07 M €
INovel nanomaterials enabled OpTical Information processing for energy-efficient data Centres Tekes, AoF. Zhipei	1,16 M €
Improving access to audiovisual resources through semi-automatic data analysis, Kurimo Mikko	1,20 M €
Building stock to optimally support the evolution of sustainable energy system, Risto Kosonen	0,67 M €
Surface-enhanced coherent anti-Stokes Raman scattering for lipid imaging, Markku Sopanen	0,50 M €
Transparent & flexible Li-organic 3D thin-film microbattery, ERC Proof of Concept, Maarit Karppinen,	0,15 M €
Improving access to audiovisual resources through semi-automatic data analysis, Kurimo Mikko,	1,20 M €
FinnCERES 4,5 M€, ERC,2,5 M€, Kone Branch 2015, Academy Fellow0,5 M€, Orlando Rojas	~7,50 M €

Digi Platform

Focus Areas

Digital Services
Big Data
Industrial Internet
Robotics
Virtual and Augmented Reality
Telecommunications

Chair Jaakko Lehtinen
Manager Krisztina Cziner



Energy Platform

Focus Areas

Power engineering
Energy and mobility
Energy storage conversion
Energy in built environment
Sustainable energy production
Energy systems and resource economics

Chair Yrjö Neuvo
Manager Samuel Cross



Entrepreneurship Platform

Focus Areas

Innovation ecosystems

Technology commercialization

“One-stop” entrepreneur guidance at
Aalto

Societal Impact

Entrepreneurship

Disruption

Sustainable business venturing

Chair Arne Kroeger



Experience Platform

Focus Areas

Design
Artistic Productions
Fashion and Textiles
Experience Research
Products and Services
Games and Gamification

Chair Virpi Roto
Manager Markus Ahola



Health Platform

Focus Areas

Digital Health

Management in H&W

H&W Architecture and Design

Neuroscience and Neurotechnology

Biomedical Engineering

(medical and research devices)

Biotechnology

Biomaterials & Chemistry in H&W

Chair Paul Lillrank

Manager Markus Mäkelä



Living+ Platform

Focus Areas

Digitalization
Inclusive Environments
Design and Planning Competence
Technological Breakthroughs

Chair Pirjo Sanaksenaho
Manager Aija Staffans

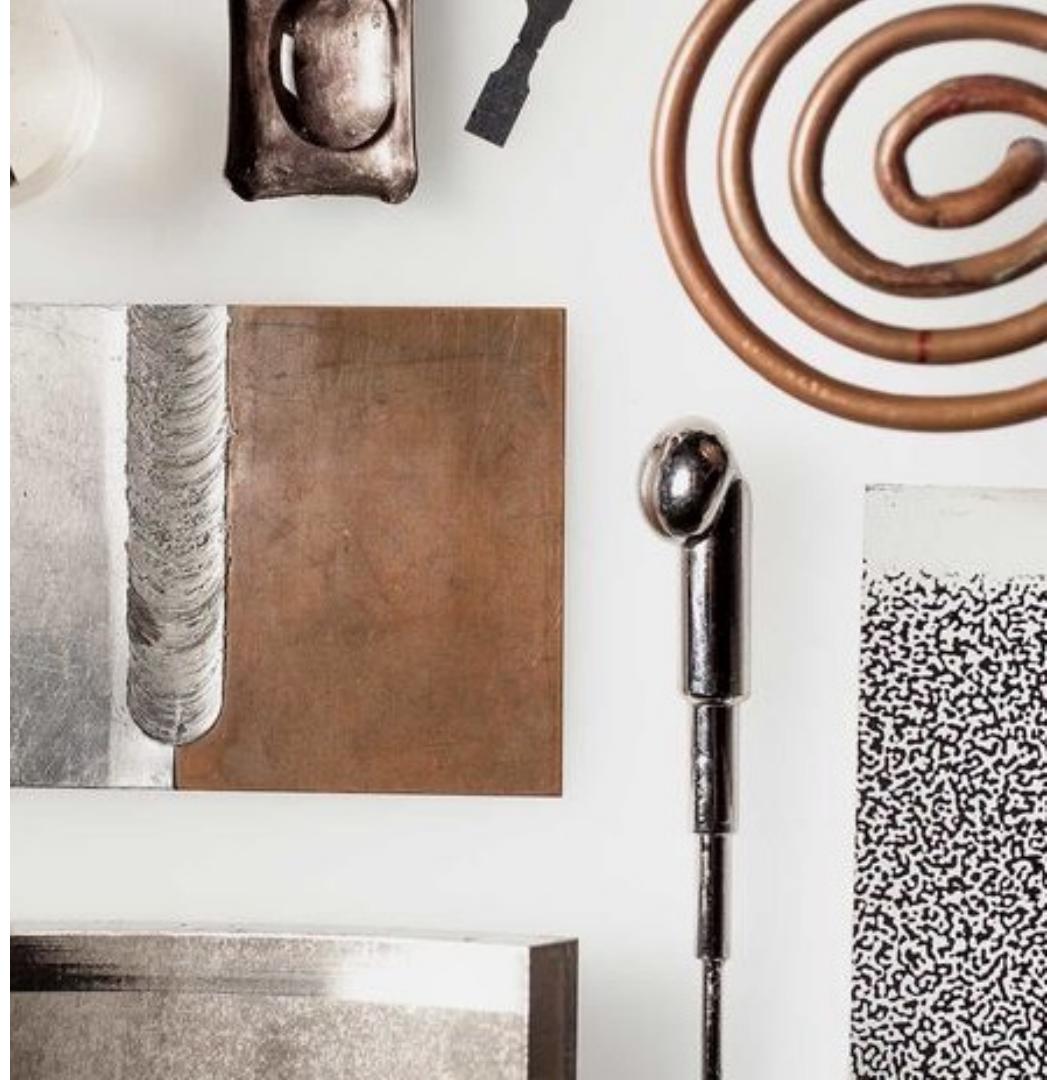


Materials Platform

Focus Areas

Design and function
Recycling and upcycling
Management and marketing
Synthesis and manufacturing
Characterization and modeling
Materials research, education and impact

Chair Orlando Rojas
Manager Heidi Henrickson



Sustainability Hub

Focus Areas

Co-creation

Circular economy

Campus as a living lab

Chair Minna Halme

Managers Meri Löyttyniemi & Taru Henriksson

