



**UNIVERSITY
OF TURKU**

Turku School of
Economics



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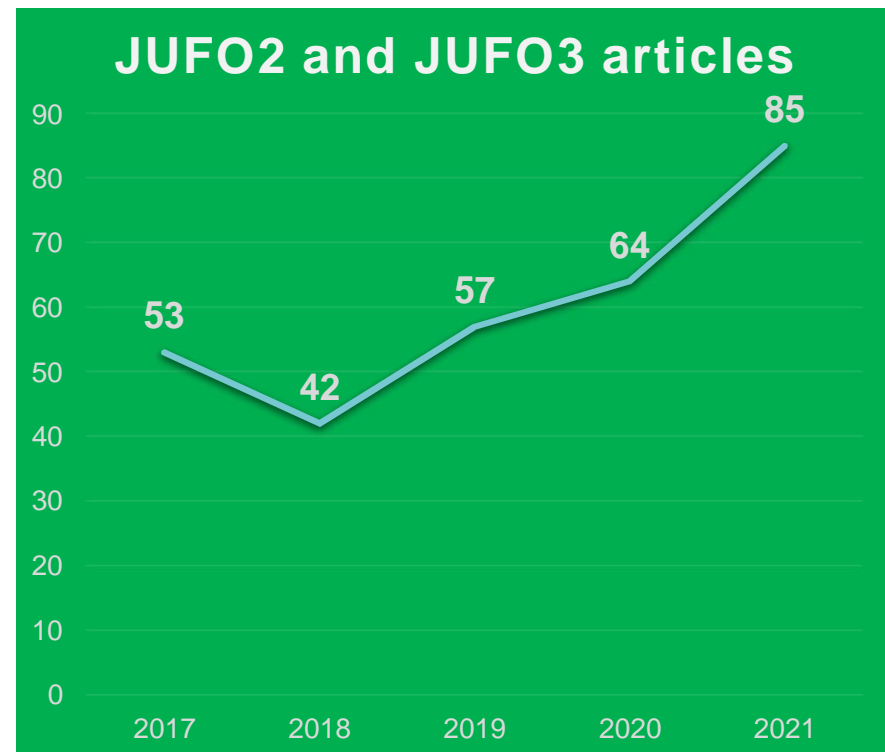
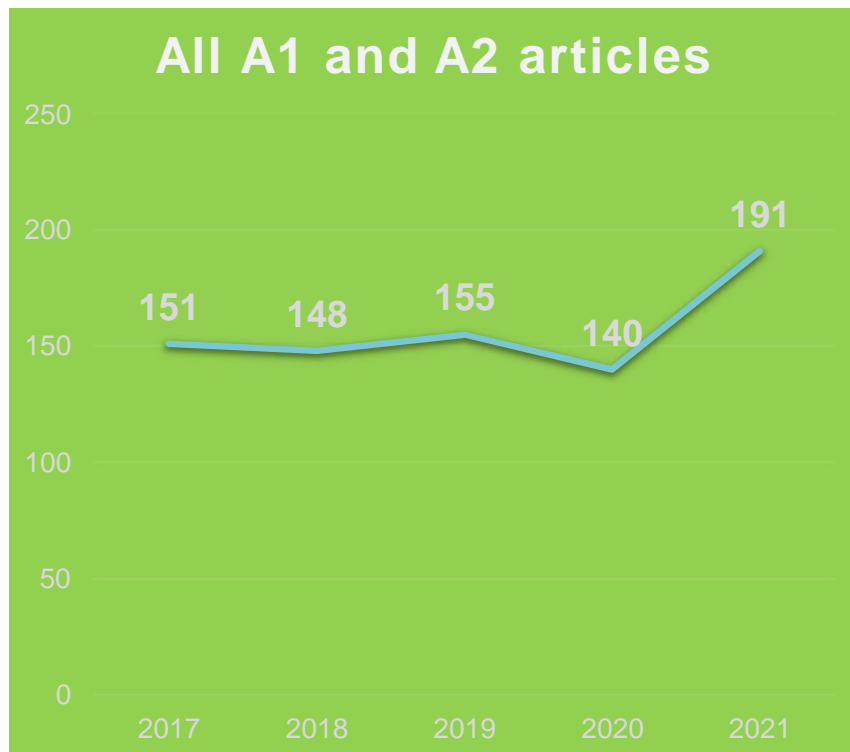
TSE Impact and Engagement

We produce high-quality research

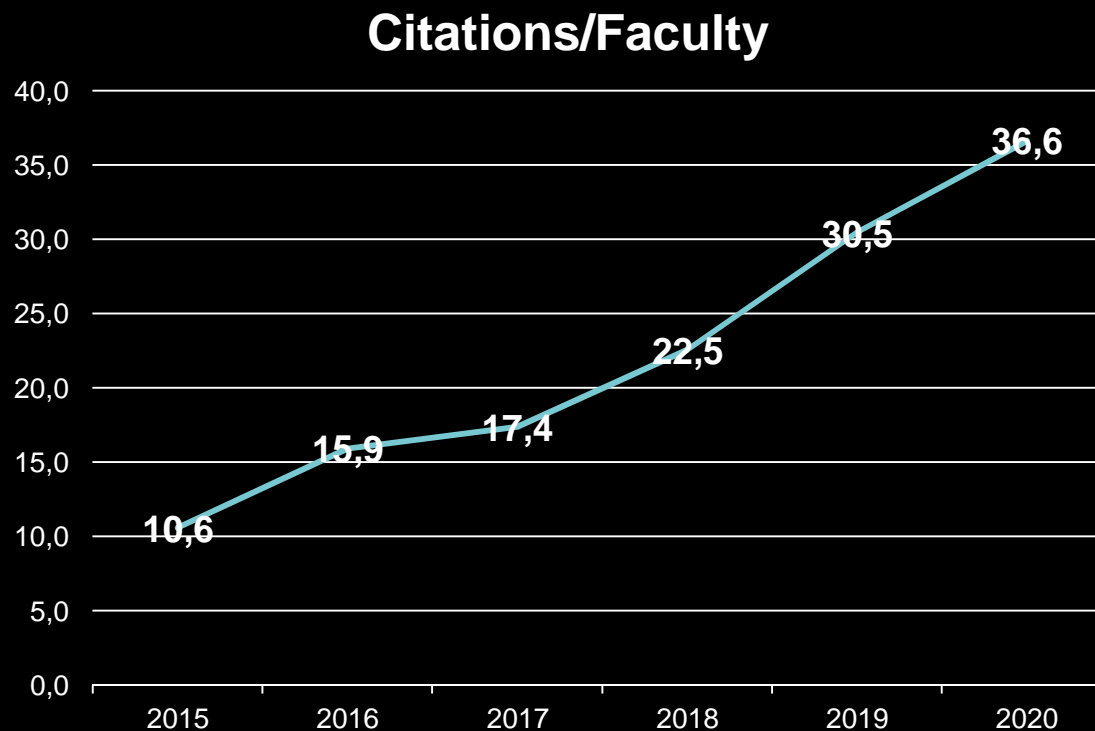
1. The number of publications in highly valued journals
2. The number of citations in Scopus database
3. Academic awards
4. Interdisciplinary platforms for impactful research



We produce high-quality research



We produce high-quality research



Excluding self-citations
Source: TSE academic performance evaluation 2021

Academic awards



Elina Jaakkola received the Academy of Marketing Science Review Best Paper 2020 Award.

Elina was named to the Clarivate's Highly Cited Researchers 2021 list in the business and economics discipline.

Eriikka Paavilainen-Mäntymäki (with her co-authors) was selected as the winner of the 2021 Journal of International Business Studies Decade Award.



Kari Lukka was awarded the 2022 Anthony G. Hopwood Award for Academic Leadership.

Larissa Becker received SERVSIG Best Dissertation Award 2021.



TSE level Interdisciplinary platform

Finland Futures Research Centre

The Finland Futures Research Centre was founded at TSE in 1992. Today, FFRC is an interdisciplinary research and development organization of almost 50 people specializing on the study of societal change processes with a multi-disciplinary perspective and developing methodological tools to examine the wide range of alternative, possible futures.

FFRC collaborates in a number of research projects with both private and public sector organizations and participates on a continuous basis in the activities of the Committee for the Future of the Parliament of Finland, which serves as a national-level think tank for futures, science, and technology policy.



TSE Learning Goal 6: Foresight

Bachelor program:

Our graduates have a basic awareness of futures thinking in business/economic situations.

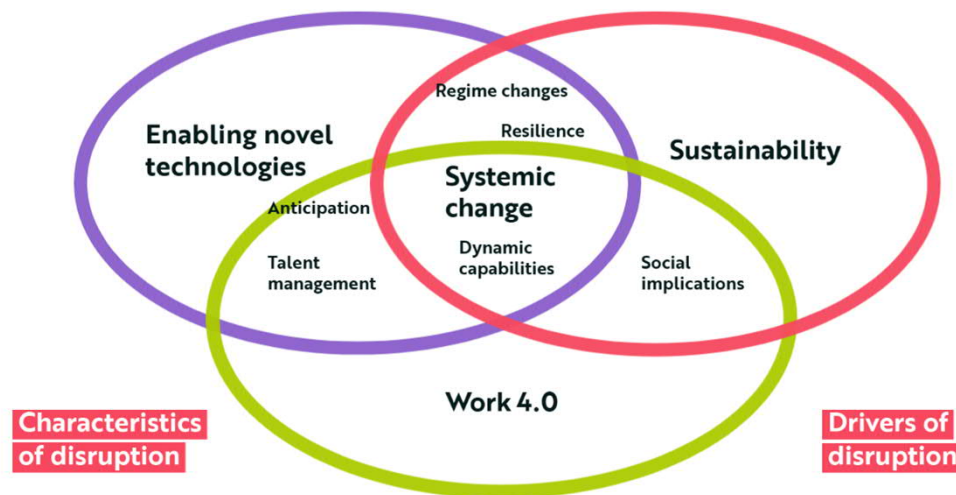
Master's program:

Our graduates are able to apply futures thinking in business/economic situations.

TSE level Interdisciplinary platform

Laboratory of Business Disruption Research

The Laboratory of Business Disruption Research studies sociotechnical changes that are broad, powerful and impactful – in other words, disruptive. Our goal is to create knowledge, strategies and practices to identify and manage disruptive transformations. Through research collaboration we aim to understand the characteristics and drivers of such transformations. With our research we aim to influence and achieve positive impacts.



TSE level Interdisciplinary platform

Responsible Business Network

- Sustainability has a central role in the strategy of the University of Turku, and it is embedded into the research and teaching activities of Turku School of Economics.
- Our areas of research on sustainable future are Futures Studies, Biodiversity and Economics, Disruptions, Future Ethics, Responsible digital economy, and Responsible Business Network.
- At TSE, we have over 30 courses on responsibility and sustainability in our curriculum

Responsible Business Network features researchers from the areas of taxation, finance, marketing, management, supply chain management, international business, and entrepreneurship.

TSE Learning Goal 5: Responsibility

Bachelor program:

Our graduates understand the role of responsibility in business/economic practice.

Master's program:

Our graduates are responsible business/economic professionals.

TSE level Interdisciplinary platform

Decision Making Laboratory (PCRClab)

PCRClab is a decision-making laboratory in the University of Turku. It has been active since 2008 and is used by social scientists, especially economists and political scientists. PCRClab is part of the national research infrastructure, the Finnish Research Infrastructure for Public Opinion (FIRIPO), which is funded by the Academy of Finland. The laboratory is developed and maintained by the Department of Economics from Turku School of Economics and the Political Science Discipline from the Faculty of Social Sciences.

Partnering in UTU level Interdisciplinary platform

Artificial Intelligence Academy

AI Academy is a center of University of Turku for artificial intelligence research and education. Our university is multidisciplinary in terms of science and research. AI Academy aims to bring all the different branches of science together with artificial intelligence education. Our goal is to create the ground work for collaboration within University of Turku and for companies that want a better understanding of AI – how it works and how it will affect you.



AI-driven decision-making is the main topic of interest for the researchers of the Artificial Intelligence Governance and Auditing (**AIGA**) research project that is coordinated by the University of Turku. The aim of the researchers in the project is to create actionable means for companies and public organisations to utilise artificial intelligence in a responsible manner.

Partnering in UTU level Interdisciplinary platform

Centre for Education and Research on Social and Health Services

Sote Academy, hosted by the University of Turku, assembles interdisciplinary scientific expertise and social welfare, healthcare and education authorities working towards more accessible health and social services. We are committed to creating a collaborative operational culture where evidence-based information is effectively translated into practical solutions.

Sote Academy brings together all eight faculties and their stakeholders to close cooperation around the multiform questions of the integrative service system. We promote and produce interdisciplinary higher education, research and societal interaction, especially from the perspectives of:

- Children, youth and families
- Working age population and elderly
- Management and law
- Environments and culture

Partnering in UTU level Interdisciplinary platform

Turku Centre for Labour Studies (TCLS)

Turku Centre for Labour Studies TCLS is a multidisciplinary network that complements and strengthens research, academic teaching and cooperation on work and working life nationally and internationally. TCLS connects all eight faculties of the University of Turku, Åbo Akademi University and several other research units and organisations nationally and internationally.

TCLS was founded in 2011. The centre is chaired by Anne Kovalainen, professor of entrepreneurship from the Turku School of Economics.



WORK2021

Work beyond Crises

WORK2019

Real Work in the Virtual World

WORK2017

Work and Labour in the Digital Future

WORK2015

NEW MEANINGS OF WORK

WORK2013

Continuities and Disruptions in
Modern Life



Partnering in UTU level Interdisciplinary platform

Turku Institute for Advanced Studies (TIAS)

Turku Institute for Advanced Studies (TIAS) promotes cutting-edge university research in humanities and social sciences. It is a joint enterprise between the faculties of Humanities, Education, Social Sciences and Law and Turku School of Economics, founded in 2008. TIAS aims to establish a community of interdisciplinary researchers dedicated to research excellence.



Partnering in UTU level Interdisciplinary platform

Flavoria living lab: Food experience center

Flavoria® is a multidisciplinary research platform and, at the same time, a unique lunch restaurant, café, and snack shop. The research conducted in Flavoria focuses on producing new scientific knowledge and consumer understanding for the sustainable development of both society and businesses. We offer research possibilities and environments for both scientific and commercial entities, including research institutions, students writing their theses or companies developing their products and services.



Partnering in UTU level Interdisciplinary platform

Entrepreneurial University.

UTU has developed a strategy for entrepreneurial training and entrepreneurship, which incorporates goals for enhancing entrepreneurial attitudes, behaviour, and culture across the entire university and various activities. **The Entrepreneurial University** is an up-to-date academic and societal influencer. As an Entrepreneurial University, the University of Turku consolidates entrepreneurship awareness and enhances entrepreneurial education.

There is a long history of entrepreneurship research at the University of Turku. Turku School of Economics has Finland's leading and internationally most active entrepreneurship research group. It produces academic and applied research on the meaning, different forms, and advancement of entrepreneurship in society.



SWiPE – Smart Work
in Platform Economy

ACE – Academic
Entrepreneurship as
a Social Process



DISCE - Developing
Inclusive & Sustainable
Creative Economies



Partnering in UTU level Interdisciplinary platform

Strategic profiles of University of Turku



Future technologies and digital society



Sea and maritime studies



Biodiversity and sustainability

TSE's recent high-profile research projects funded by the Academy of Finland

- **BIODIFUL: Biodiversity Respectful Leadership** (2021-2024)
- **CLIMATE-NUDGE: Individuals behaviour guidance** (2020-2023)
- **Real Estate and Sustainable Crisis management in Urban Environments** (2020-2023)
- **Smart land use policy for sustainable urbanization** (2019-2022)
- **Towards deliberative climate and energy foresight** (2019-2023)
- **Cuban energy transformation. Integration of renewable intermittent sources in the power system** (2019-2022)
- **Lifestyles of Health and Sustainability to Boost Sustainable Growth** (2018-2022)
- **Circular Economy Catalysts: From Innovation to Business Ecosystems** (2018-2022)
- **Manufacturing 4.0 - strategies for technological, economical, educational and social policy adoption** (2018-2023)
- **Creative adaptation to wicked socio-environmental disruptions** (2018-2023)
- **Bioeconomy and Justice** (2017-2021)
- **Academic entrepreneurship as a social process: Change, diversity and sustainability** (2016-2020)

*We educate leaders for
national and international
businesses and for the
Finnish public sector*

1. Education – Key figures
2. The employment statistics
of TSE alumni
3. Awards & feedback





Education – Key figures

- 8500+ applicants yearly
- 2700 Bachelor and Master's students
- 160 active Doctoral students
- Degrees (yearly)
 - 350 Bachelors
 - 420 Masters
 - 15 Doctoral Degrees
- 220 Outgoing and 140 incoming exchange students



Alumni employment 5 years after graduation

- TSE graduates 93,2 % employed (92,5 % in Finnish Business Schools in average)
 - Of which 91,2 % in permanent positions (87,6 %)
- TSE graduates 1,8 % unemployed (1,8 %)
- An employee of TSE graduates is...

➤ Large Enterprise	56,9 % (50,9 %)
➤ SME	24,1 % (27,1 %)
➤ Municipal	6,0 % (4,3 %)
➤ State	4,2 % (6,0 %)
➤ University	3,2 % (3,2 %)
➤ Entrepreneur	2,8 % (5,1 %)
- TSE graduates work in...

➤ Uusimaa	58,6 %
➤ Southwestern Finland	20,5 %
➤ Pirkanmaa	7,0 %
➤ Satakunta	5,6 %
➤ Abroad	5,1 %

Source: The Finnish Business School Graduates (2021)

Awards & feedback

- 2018 / Futures Studies students awarded by the global Association of Professional Futurists (APF) in both PhD and MSc student categories
- 2017 / TeMu Materials' solution won the CLP entrepreneurship innovation competition: best in sustainable production systems/circular economy
- 2017 / NY Start Up (National Young Entrepreneurship) program winners, in connection with our awarded StartUp! course
- 2017 / Winner of the CFA Investment Research Challenge in Finland
- 2016 / Choose Your Future: won the Global Digital Challenge competition by Facebook and the US Ministry of Foreign affairs → start-up
- 2016 / European Winner of the Google Online Marketing Challenge



Business Innovation Camp experience

Shaping the Future – Finland-Singapore Maritime Innovation Camp

What happened?

From the 24th of September until the 30th of September an innovation camp was organised by the University of Turku and the Singapore Maritime Institute. An international group of students was assembled to find a solution for a problem the maritime industry is facing. The corporate partners, MacGregor (<https://www.macgregor.com>) and PSA (<https://www.globalpsa.com>) opened their doors sharing information and giving the students the chance to come up with novel ideas to shape the future of the industry. The camp is the first one to be organised between 2 corporate partners, that have never before directly worked with each other. The camp targeted the improvement of communication and cooperation in the industry and give a fresh new perspective from students.

Facing the Challenge

Facing this huge challenge was exciting and intimidating at the same time, but thanks to the mentors, who guided us through the process, with all its ups and downs, we were able to complete it with results, we wouldn't have believed possible. We needed to quickly build up unfamiliar knowledge and figure out how to interact within our teams. Working with a diverse group of people from different countries and different fields of education in a short time was only one of the challenges. Looking back, it is amazing to realise what is possible within a week's time. Business students becoming engineers, engineers becoming public speakers and all of us becoming industry experts the least. These are just a few of the developments we were able to witness.

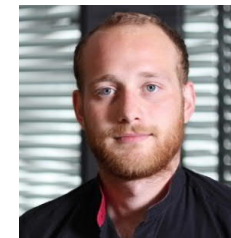
For future participants

After all that happened, we left Singapore making friends and foes, being tired but happy and having a sense of pride about the past events. Even though only one team was able to win, we all had the feeling of having achieved something great. For the future participants of this hopefully continuing cooperation between the University of Turku and the Singapore Maritime Institute, safe your place! You surely won't regret it, as none of us did. The student teams with the mentors and facilitators.

What next?

It's going to be interesting to follow how this innovation camp will develop further in the future. The process we were allowed to follow has been changed many times during the camp already. Therefore, it might be changed after its completion even more. Having worked with the mentors and the "Sprint-Master", I can only say that I am excited to see what they are going to make of this concept but I'm expecting something great! Finally, I would like to thank all the organizers, mentors, participants and the sprint master for the amazing experience they have created. Let's see what other companies and institutions they will get on board and what other exciting opportunities they will offer for the university and the students, in the future.

Benedikt Daumenlang
TSE student, participant of the
Singapore Maritime Innovation Camp



The latest submission to AASCB Innovations that inspire challenge (2019)

LITO basic business studies online study module

...is a novel way of offering understanding in business and economics to students majoring in other fields. The studies are organized in collaboration between nine universities and TSE coordinates the collaboration.

The value of basic business studies in developing skills of students in almost any field has been widely recognized and the demand for supplementary business studies is constantly growing. The LITO initiative was created in response to this need.

In addition to engaging students from various fields to study business, the courses also steer students to interact amongst themselves as experts of different fields. Many of the courses include group work where the students are encouraged to bring insights from their major studies to the teamwork.

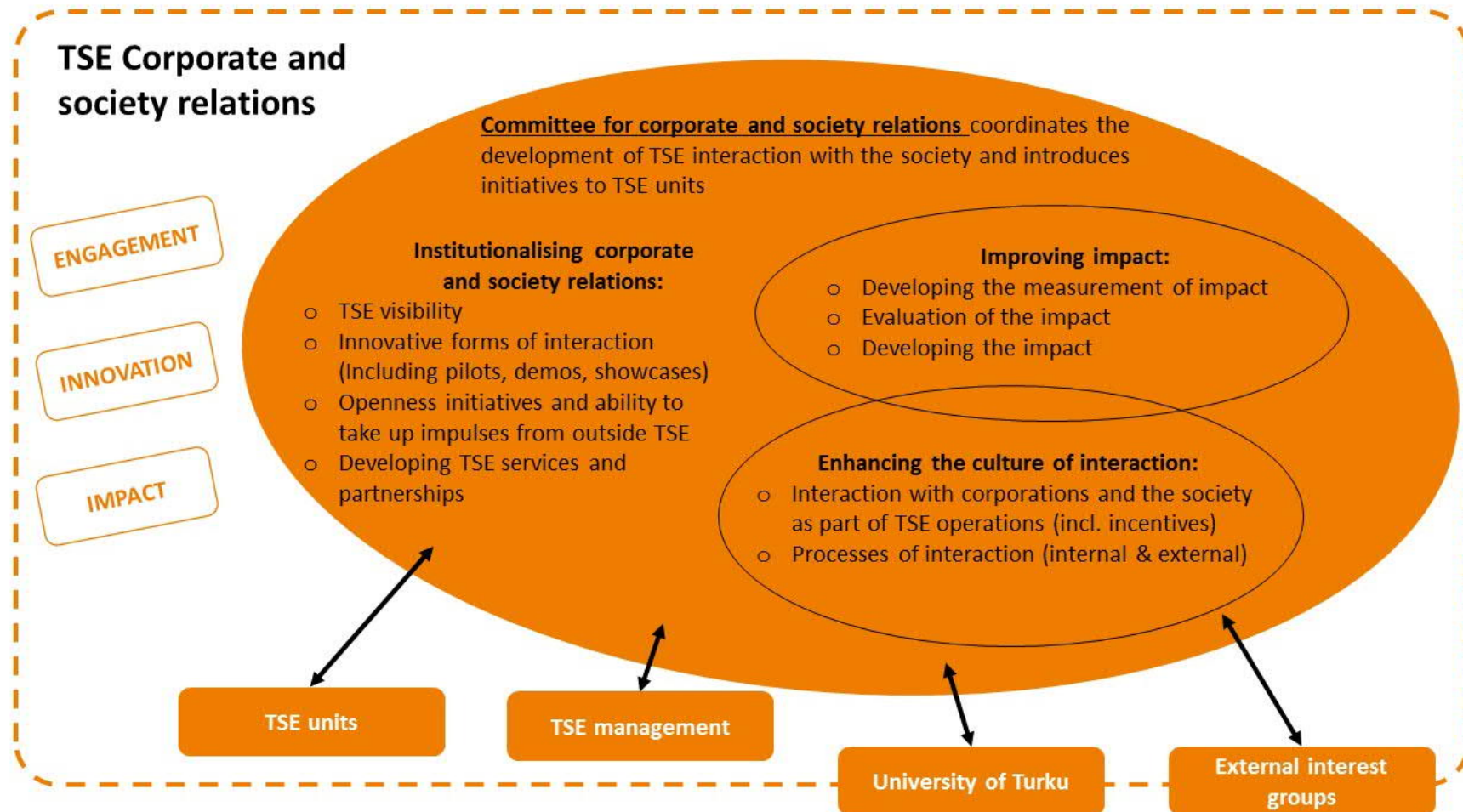
All of the courses are done completely online so students can take any course regardless of location. The studies are reaching a growing number of students. In the second academic year (2018–2019) the study module yielded approx. 7700 study credits in nine universities. The students come from a wide variety of fields – medical studies and language and translation studies to name a few examples – and hence LITO has a highly interdisciplinary impact.

In autumn 2019 LITO was awarded by the Finnish Business School Graduates (Ekonomit).

We are recognized for successful collaborations with external organizations

1. The Committee for corporate and society relations relaunched in 2019
2. Company Collaboration 2021
3. External funding and Externally funded projects
4. Testimonials from collaborator organizations





The committee consists of both high-profile practitioner members from the corporate world and TSE academic members.

Professors of Practice at TSE

- Pauli Aalto-Setälä – Business disruptions, platform economy and change management
- Teemu Birkstedt – Data economy and digital futures
- Tomi Dahlberg – Management of digital business
- Janne Lahtiranta – Health care technologies
- Juha Laine – Pharmacoeconomics
- Riku Santala – Management and Organization
- Ville Voipio – Responsible business

Entrepreneurs in Residence Programme



TSE aims to increase the participation and presence of active entrepreneurs in the school activities. The EiR programme was announced as the winner of the Intoa! Entrepreneurial Act of the Year award in 2020-21.

KEY FIGURES OF COMPANY COLLABORATION 2021



COLLABORATION
WITH
480+
COMPANIES



IN EDUCATION
240+
COMPANIES



IN RESEARCH
150+
COMPANIES

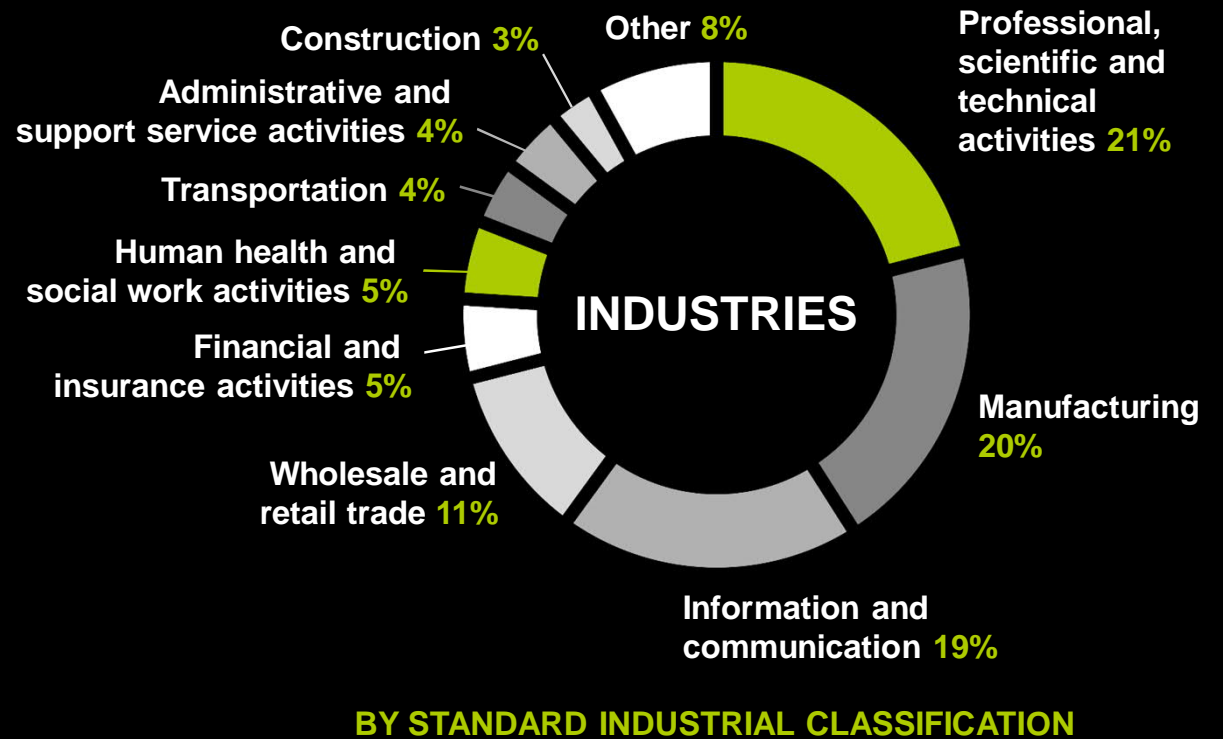
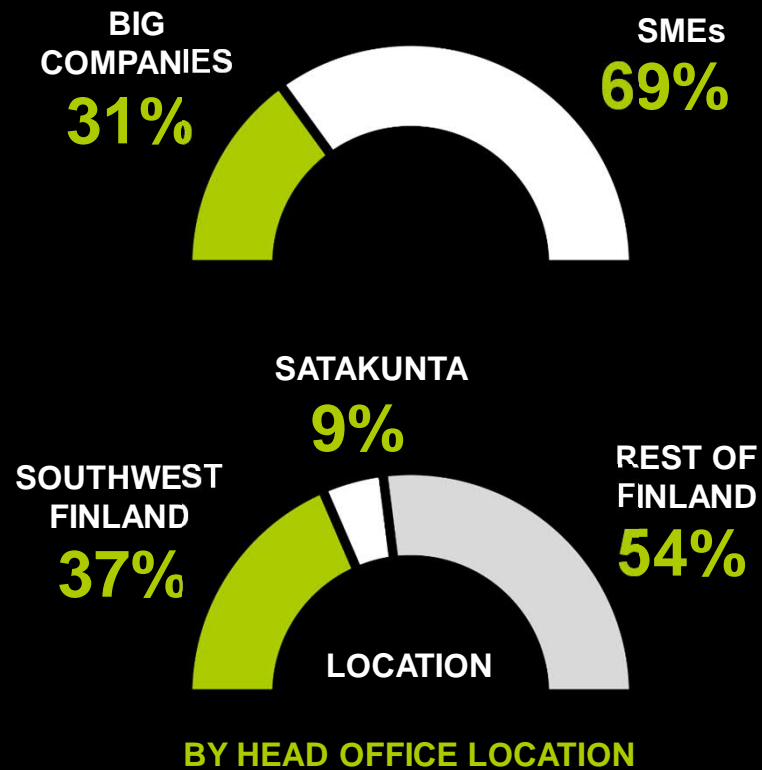


IN INNOVATION
AND
DEVELOPMENT
190+
COMPANIES



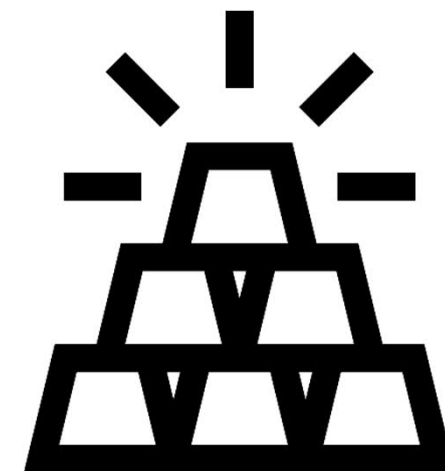
IN TSE
PLANNING AND
DEVELOPMENT
18
COMPANIES

KEY FIGURES OF COMPANY COLLABORATION 2021



The amount of external funding

Year	International competed research funding (1000 €)	Other competed research funding (1000 €)	Other external funding (1000 €)	Share of TSE budget
2021	595	2240	4165	39 %
2020	800	2035	4365	41 %
2019	645	2445	5445	45 %
2018	310	2735	5170	42 %



Externally funded TSE research projects 2020

- Content categorization (Number of projects)



97 research projects altogether

Projects deal with...

Responsibility

32%

Foresight

23%

Digitalisation

22%

Sea & Maritime

15%



/ TSE for sustainable futures.

TSE as a member of sustainability initiatives

PRME Principles for Responsible Management Education



AACSB
ACCREDITED



**POSITIVE
IMPACT
RATING**
FOR BUSINESS SCHOOLS



TSE is registered to The Planet Company

- The Planet Company is a social platform, which shares sustainable acts executed by organizations, whose impact and relevance have been validated by experts.
- With help of The Planet Company, TSE is able to raise the awareness of responsibility educating among other business schools and in society in general.

THE
PLANET
COMPANY™



Testimonials from Collaborators 1/4

“Innovation collaboration with Turku School of Economics gives birth to new ideas. We value their proactive approach and **innovative** thinking.”

*Maarit Palo, Executive
Government Affairs & Corporate Citizenship,
IBM Finland*



Testimonials from Collaborators 2/4

“We are working in a complex industry landscape with a lot of different stakeholders involved. We need to ensure our collaboration and research partners have **in-depth understanding** on how our organization and business works and how the ecosystem continuously evolves. We have been successfully working with Turku School of Economics already several years and they have proven their value for us. We are pleased to utilize this expertise and advantage internationally.”

*Tommi Keskilohko, Director, Customer Solutions,
MacGregor*





Testimonials from Collaborators 3/4

“Tieto carries out **sustained** and fruitful research co-operation with the University of Turku. During the years our co-operation with Turku School of Economics has been smooth and very successful.”

Matti Vakkuri, Head of Technology, Internet of Things, CISSP, Tieto



Testimonials from Collaborators 4/4

“Carinafour as a relatively young growth company needs strategic external collaborations to develop and grow. Our first and most important criteria for any collaboration is **trust**. Trust is something you cannot buy. We feel privileged to collaborate with Turku School of Economics.”

Ari Viitanen, Chairman of the Board,
Carinafour



**UNIVERSITY
OF TURKU**