



Aalto-yliopisto

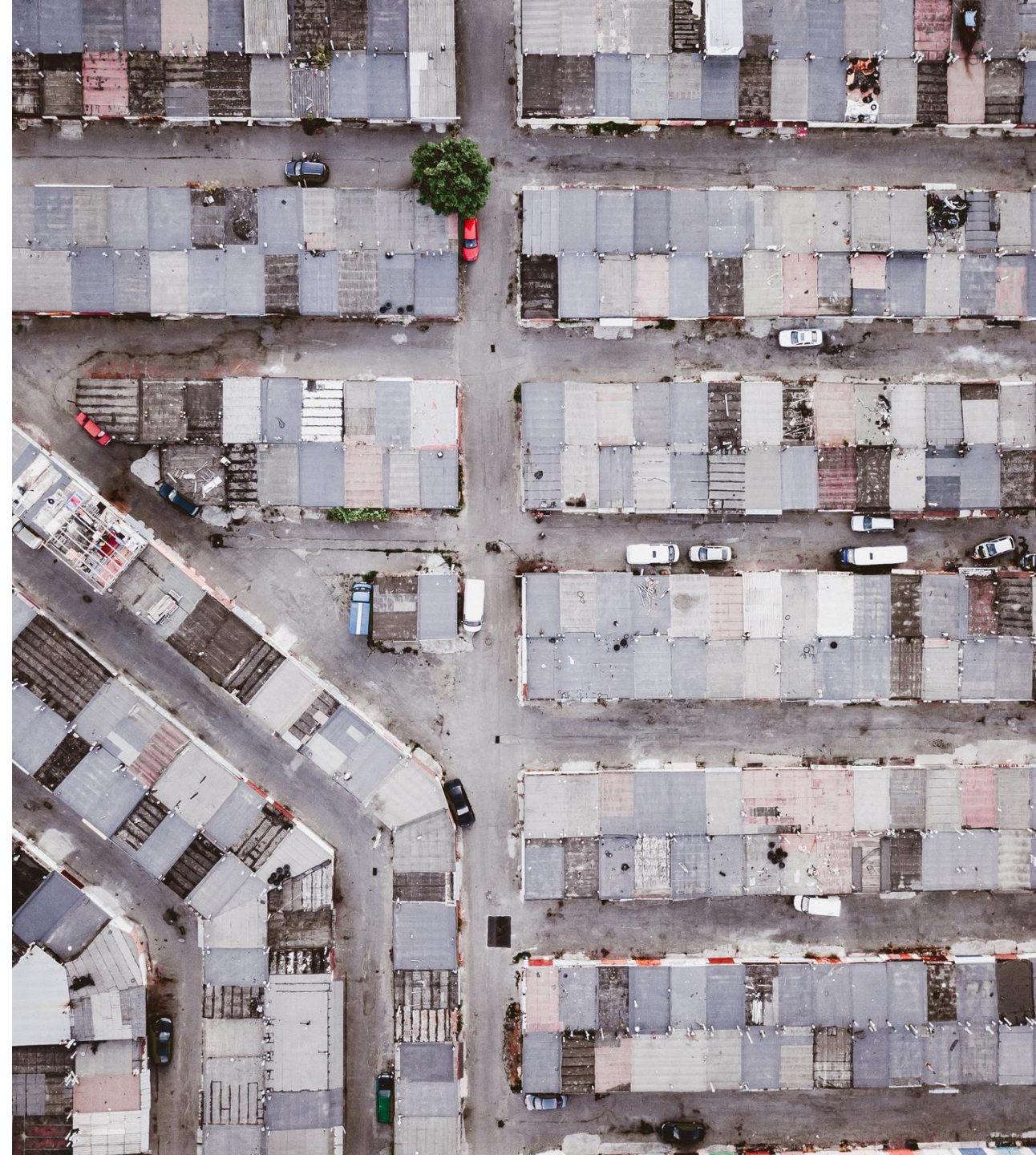
Bachelor's Programme in Economics at Aalto University

- *Program started in 2019*
- *Single subject program: Economics = taloustiede (kansantaloustiede)*
- *Especially targeted to students interested in **societal questions** and strong in **mathematics***
- *Gives automatic study right to MSc program in economics at Aalto*
 - *Helsinki Graduate School of Economics*
 - Coopeative unit by Aalto, University of Helsinki, Hanken
 - World class MSc and PhD programs
- *Large share of students are Finnish (language is not an issue)*

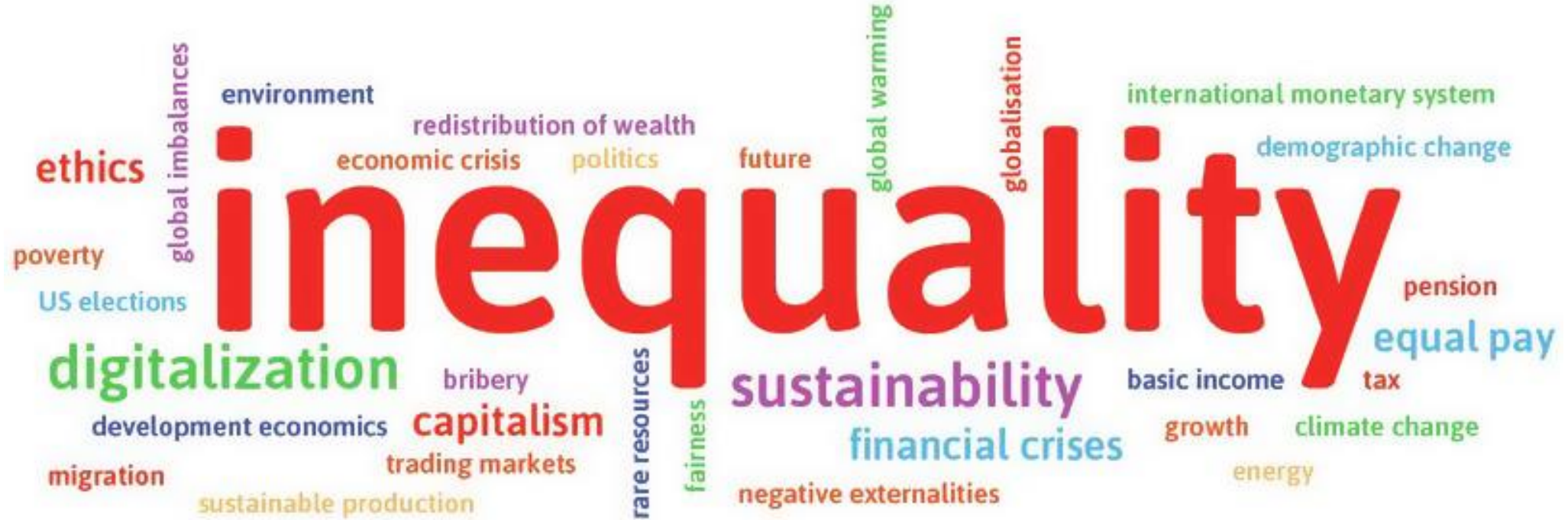
Why study economics?

Make the world a better place

- *Relevant*: better business practices, better societies
- *Increasingly important*: e.g. the organization of new markets in health and transportation
- *Increasingly exciting*: e.g. availability of enormous datasets
- *Endless array of possibilities*: how to incorporate tools and data of modern technologies



‘What is the most pressing problem that economists should address?’



You will learn:

- How societies reach decisions
- Fundamentals of business and management
- Analytical skills
- Problem solving



Studying economics at Aalto university

Some of the courses included in our program

- ***Economics:***

- Micro-, macro- and empirical economics, global challenges, digital markets, energy and environmental economics, Urban economics, economic history and crisis

- ***Mathematics:***

- Differential and integral calculus, Matrix algebra, Probability and statistics

- ***Programming:***

- Python, Stata, R etc.

- ***Business studies:***

- Corporate finance, Investment management, Marketing analytics, Introduction to strategic management

What is special about studying economics at Aalto?

- *Leading department of Economics in Finland:*
 - 10+ professors of high international standards
 - Strong international contacts with leading Universities in the world
 - Strong track record in job placement in Finland and abroad
 - Excellent opportunities for continuing in top MSc and PhD programs in Finland and abroad - Automatically eligible to continue in Aalto MSc program
- *Excellent connections to the business world and policy makers*
- *Helsinki Graduate School of Economics community:*
 - 20+ professors (Aalto, University of Helsinki, Hanken)
 - World class MSc and PhD programs
- *Business school in a modern multidisciplinary university*

Relevant links:

Aalto Economics BSc program

www.aalto.fi/bsceconomics

Introductory textbook (core-econ):

<https://core-econ.org/the-economy>

Helsinki Graduate School of Economics (studies after BSc programme):

<https://www.helsinkigse.fi/>

Oriana Bandiera (LSE): What Economists Really Do

<https://www.youtube.com/watch?v=1KEzLtbpEVg>

Raj Chetty: Yes, Economics is a Science

<https://www.nytimes.com/2013/10/21/opinion/yes-economics-is-a-science.html>

Structure of studies in more detail:

- **Basic studies (51 cr):**
 - On-boarding (1 cr)
 - **Principles of Economics:**
 - Principles of Economics I and II (6+6 cr)
 - Principles of Empirical Economics (6 cr)
 - Economics of Global Challenges (6 cr)
 - **Quantitative methods:**
 - Differential and integral calculus (5 cr)
 - Matrix algebra (5 cr)
 - Probability and statistics (5 cr)
 - Mathematics for economists (6 cr)
 - Programming

- **Major Studies (60 cr):**
 - Intermediate microeconomics (6 + 6 cr)
 - Intermediate macroeconomics (6+6=12cr)
 - Introduction to econometrics (6+6=12cr)
 - 2 electives in economics (6+6=12cr), e.g.:
 - Digital markets
 - Personnel economics
 - Money and banking
 - Energy and environmental economics
 - Russian economy
 - Urban economics
 - B.Sc. thesis and seminar (2+10=12cr)

- **Business studies (18 cr)**
 - 3 elective courses from the rest of the Business School (6+6+6=18cr)
- **Arts and Design (5 cr)**
 - One elective course in Arts and Design (5cr)
- **Minor studies (24cr)**
- **Other elective courses (10cr)**
- **Languages and communication (12cr)**
 - Finnish/Swedish (3cr)
 - Business communication skills (3cr)
 - Course in Communication/Foreign language (6cr)
- **Altogether 180 cr**