



Aalto University

Where science and art meet technology and business

Tuula Teeri
President

Aalto University, born 2010

Vision

The best connect and succeed at Aalto University, an institution internationally recognized for the impact of its science, art and learning.

Goal

A world-class university by year 2020.

Universal mission

Contributions to a better world.

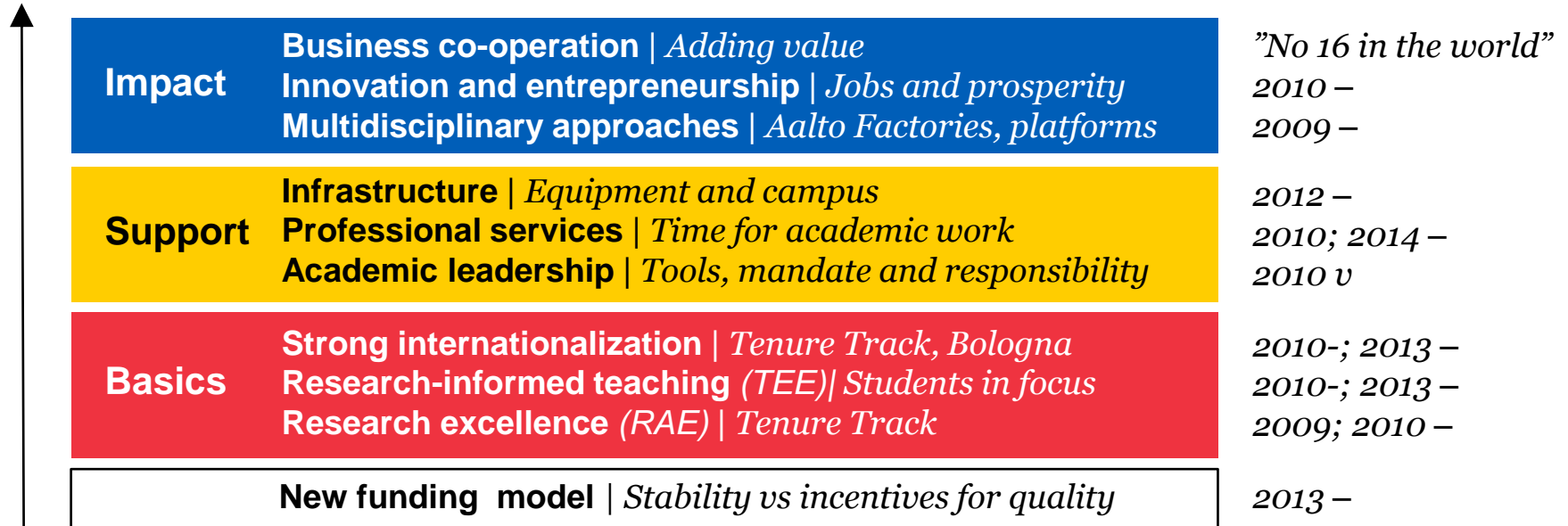
National mission

Competitiveness and welfare of Finland.



How to reach the *world class*?

Our reforms 2010–2014



Research excellence

Focus and relevance by building on strengths

Themes driving inter-disciplinary research

Digital society
Mobile technologies, services, media, games, entertainment

Energy & sustainable use of natural resources
Bioeconomy

Human-centred living environments
LivingPlus

World class potential

Global business dynamics

Process and systems competence

Architecture

Art

World class

Computation and modeling

ICT

Materials

Design

New media

Based on extensive international research evaluation (RAE), 2009

Reforms in action 2010–2013

Research excellence

- *International research papers +28%*
- *Competitive research funding +31%*
- *EU R&D-funding +82%*

Attracting talent

- *International faculty +62% (over 30% of new tenure track professors)*

Pioneering education

- *PhD degrees+24%*
- *Interdisciplinary education (e.g. Design Factory, AaltoNaut), transferrable skills*

Entrepreneurship

- *Recent report by MIT identifies Aalto University as one of the 5 "Rising Stars" among 200 university-based innovation ecosystems*
- *Aalto Ventures program with Stanford, student-driven entrepreneurship: AES, Start-up Sauna, SLUSH*



Professor
N. Asokan
Systems and Technology



Assistant Professor
Hele Savin
Micro and Nanoelectronics

Multidisciplinary factories – *Crossing borders!*

“Aalto University supports multidisciplinary research by creating and encouraging opportunities for spontaneous and dynamic cooperation between experts from different fields”

Approaches and methods encourage hands-on, innovative work.

The factories are environments for multidisciplinary learning, teaching, research and co-creation between universities, companies and society.



CHEMARTS – *Crossing disciplinary borders*

Creating new concepts for **bioeconomy** by combining natural materials science with design and brand thinking.

Student-driven projects, which have generated e.g. color changing textiles, luxury brands made of Finnish cellulose and recyclable clothes as material for 3D-printed new products.



Startup Sauna – *Crossing mental borders*

Entrepreneurship accelerator and events run by our students

- Main focus on the Nordic Countries, Northern Europe and Russia
- Local events to promote the program in New York, Los Angeles, San Francisco, Beijing, Shanghai, Tokyo...
- **Next SLUSH: 18.-19.11. 2014**

SLUSH 2013
5 000 visitors
1 000 start-ups
500 investors
300 media



Open Innovation House – partner zone for *Crossing industry-academia borders*



Welcome to Aalto University!

The 2015 CRP Conference: Crossing borders

**18.–19. September 2015
Aalto University, Finland**