



Skills are the new currency

Mart Laidmets
Secretary General



REPUBLIC OF ESTONIA
MINISTRY OF EDUCATION
AND RESEARCH

a modest
country that
extends
beyond
its borders

area: 45,339 km²

currency: Euro

member of: EU, NATO,
WTO, OECD, DIGITAL 9

ICT sector: 6% of GDP

National budget for 2019:
11.1 billion



top quality compulsory education

Our schools educate the
smartest children and good ground
for further education.

- + 1st in OECD's PISA tests in Europe
- + ICT education for all students from early ages
- + digital competence for all students
- + digital by default in learning and teaching

Excellence and equity in Estonian Education (PISA 2018)

Position

(Europe/World):

Science 1st/4th

Math 1st/8th

Reading 1st/5th

Top performers:

Science 12,2%

Reading 13,9%

Math 15,5%

Equity:

Impact of social economical & cultural background 6,2

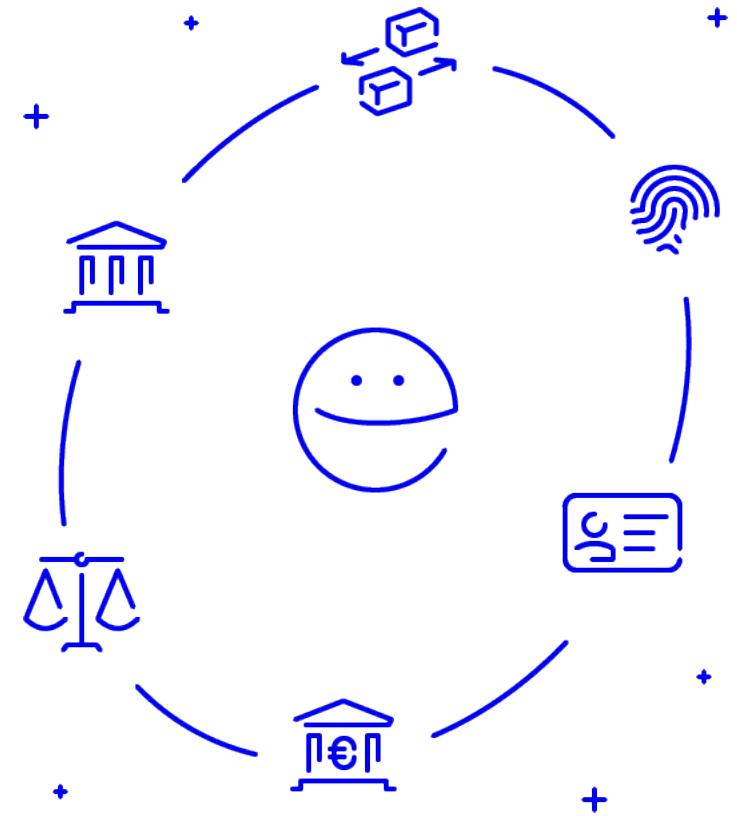
Resilient students 15,6%

Low performers:

+ in reading 11,1%

+ in math 10,2%

+ in science 8,8%



20 years of systematic YOUTH WORK

A group of people are riding fat bikes on a snowy trail in a winter forest. The lead rider is wearing a red helmet and a dark blue jacket. The trail is covered in snow, and the trees are bare and covered in snow. The sky is overcast.

interoperability of formal education and youth work gives
 $1+1=3$ for students' wellbeing and development as persons
enables deep diving into more favourable fields
(art, sports, STEM) — more talents in different fields

Empowering leadership

- + Entrepreneurial mindset from early ages
- + School principals expected to be organisation leaders
- + Diverse supportive measures for schools

Equality- and equity-aware educational policy

Equality principle

- Comprehensive school
- Free lunches and textbooks
- Free transport
- Free medical care
- Free hobby activities at school
- Hobby activities

Equity principle

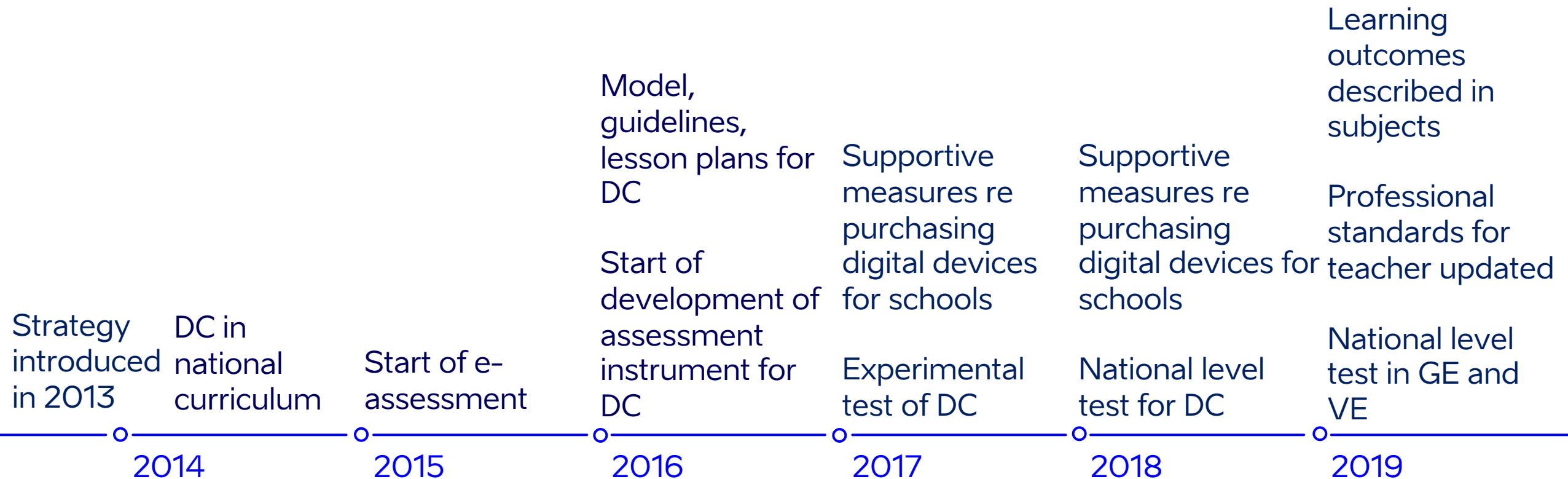
- Needs-based financing
- Free study support
- Individual curriculum plan
- Free long-day groups
- State-funded places in boarding schools
- Counselling centres

- + Robotics and programming for kids
- + Over 85% of schools use e-School
- + Only digital study materials by 2020
- + Lifelong learning strategy with ICT



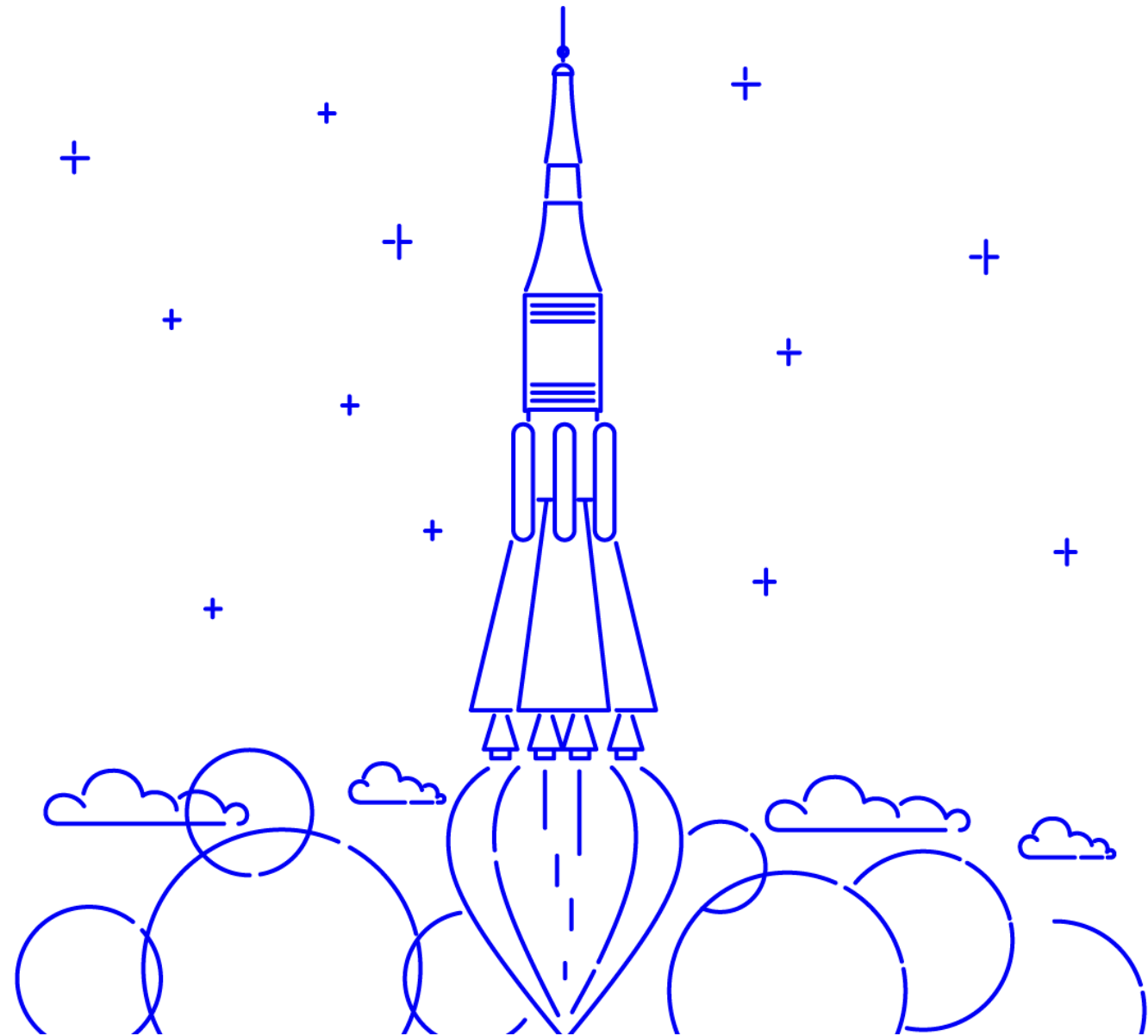
Roadmap to digital competence (DC)

+ Ongoing free training for teachers and school leaders



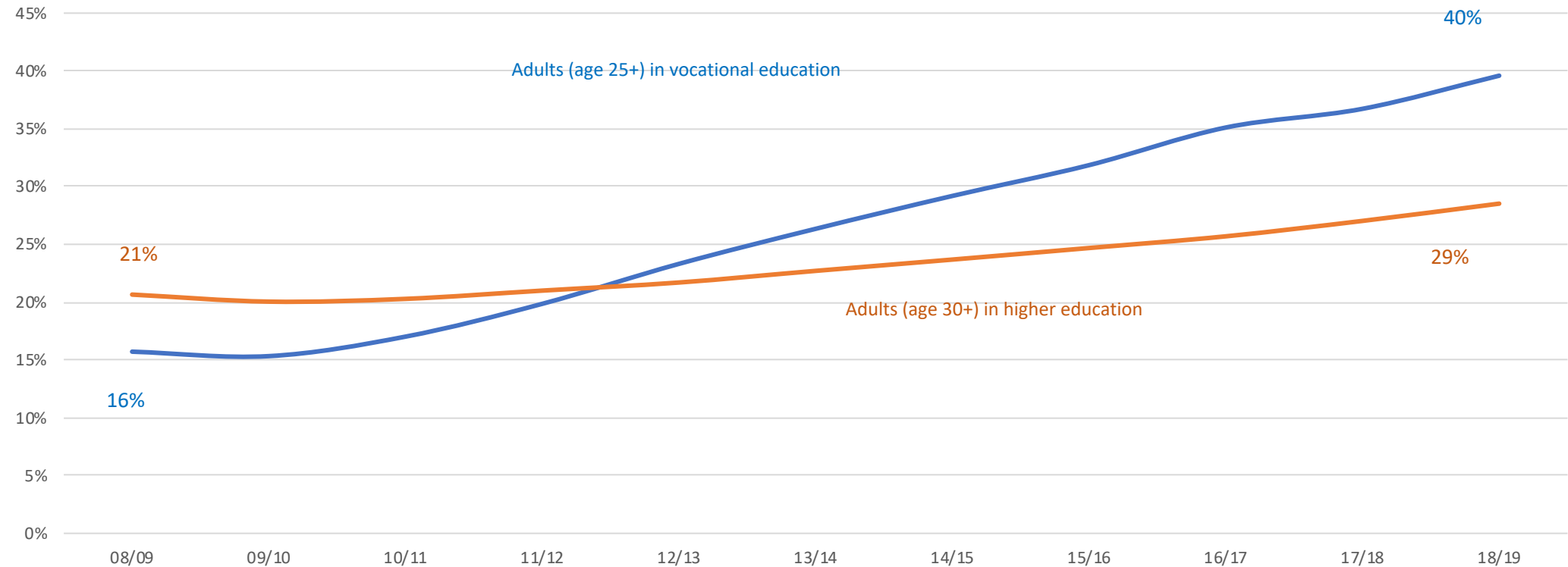
Skills are a new currency for learning

- Technology is transforming the workplace and changing the way companies are hiring talent.
- **Skills** — technological and “human” skills — are the new professional currency, a benchmark by which managers and human resource leaders are evaluating candidates.
- The most sought-after candidates have technology skills combined with human skills, a blend that translates into success in today’s rapidly changing workforce.



More and more adults in vocational schools and universities

Share of 'adult' students in vocational and higher education



Source: Education register of Estonia (EHIS)

Cooperation and interoperability with employers and private sector in general

To make strategies work we need to be on the same page! Reach all target groups!

New skills in focus

- skills panorama → X
- technological literacy
- open data and skills to take the most from data

Road map to all target groups

- from non-users to ICT professionals
- role of private sector in developing digital skills of their employees



Key factors for well-educated nation



strong
management
teams

learning and
teaching
environment

learning
everywhere

inclusive
education

The answer is education.
We are an education nation.

education
nation 



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Thank you!
mart.laidmets@hm.ee