

# Digital competences

## What is Estonia doing, to make sure that citizens know how to use a variety of e-solutions?

- Introducing and using e-services is easy, since one might need just a few clicks to use many everyday services in Estonia. Therefore, using e-services has been made very convenient for the citizens.
- The unavoidable prerequisite to use any e-solution, is a good internet connection. More than 90% of Estonians use the internet on a regular basis.
- For the development of the digital infrastructure of schools, the state has provided funds for a high speed Internet access, modern equipment and digital learning tools to reach the educational establishments
- Programming, robotics and modern technologies are introduced to the children already from early child-hood, as future generations fluent in ICT disciplines are of critical importance to us.
- Also the national curriculum pays emphasis to the development of digital competences. It is one of the eight key competences that the schools in Estonia focus on.
- In Estonia twice as many student enroll in ICT specialties than on average in developed countries.

## Are all Estonian children taught programming in kindergarten?

- In order to continue Estonia's e-success story, we are aiming to generate interest in technology already at an early age. More and more kindergartens are involved and the number increases year by year.
- In 2014 Estonia launched the ProgeTiger program, which aims to improve the technological literacy of teachers and students alike. A variety of courses and training have been undertaken to this end, including programming, robotics and computer hobby groups, which have proved to be very popular.

## How does the Estonian ICT sector guarantee a sufficient and high level succession of young professionals?

- Succession is ensured only by top-notch education. In 2015 Estonian students excelled with the absolute best results in Europe in the PISA test, focusing on natural sciences.
- In Estonia, even preschoolers learn programming, robotics and modern technologies.
- Estonia is contributing to the next generations of ICT specialists. Twice as many student enroll in ICT specialties than on average in developed countries.