



ICT in Education, Albania



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Current policy and curricular context, Digital Agenda 2015-2020, Challenges, Indicators



History of ICT in education in Albania

- Education is regarded worldwide as the key to promoting economic growth at the local level as well as in National Level. Information and Communication Technologies are particularly important in countries where segments of the population are disadvantaged in education or live in rural areas, as is the case of Albania. Education for youth, increase the opportunities for employment and improving their social conditions and economic situation.
- In a world that is ever more being directed towards technology and globalization, understanding, use and creation of a culture of Information and Communication Technology (ICT) has become a very important factor that enables the education of students with an contemporary and realistic education , which provides the workforce with skills acquired ready to face the challenges of development.



History of ICT in education in Albania

- The main purpose of the extension of the Information Technology and Communication in schools is to increase the quality in teaching and preparing students with the skills of digital citizenship to be able to study and work in a world which is oriented more and more in the process of the computerization services.
- **Albania, the Ministry of Education and Sports has under the jurisdiction over 2,125 schools, 1749 primary schools and 376 secondary schools.**



History of ICT in education in Albania

- Each school has a dedicated broadband connection but it is only in the computer labs. The internet connection, enable the students and teachers to use different sources of information and in particular to work with curriculum projects.
- ICT curriculum in 2006 was held only in high school, and in 2014 was expanded to basic education, starting in III grade and extends up to XII grade.

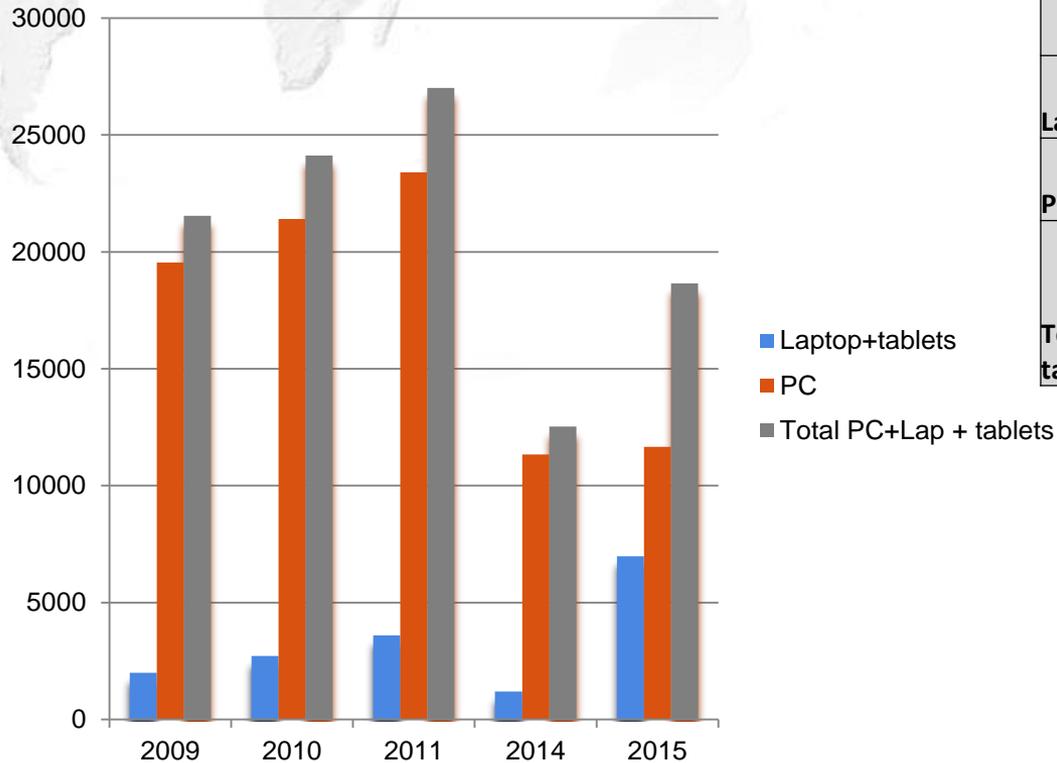


History of ICT in education in Albania

- ICT in education was one of the main directions set out in National Strategy 2008-2013 and supported by the World Bank project Excellence and Equity in Education Program
- Today in our pre-university education system we have 1496 computer labs, divided by category. I- 5 desktop for pupils and one for teachers for schools with up to 300 students; II- 10 desktop for students and one for teachers for schools from 300 to 600 students; and III- 15 desktop to students and one for teachers, for schools with over 600 students, in the way that to cover the all country rural and urban area.
- Equipment according to the above configurations are connected to internal networks with switch cable, without any program management, or subject content applications.



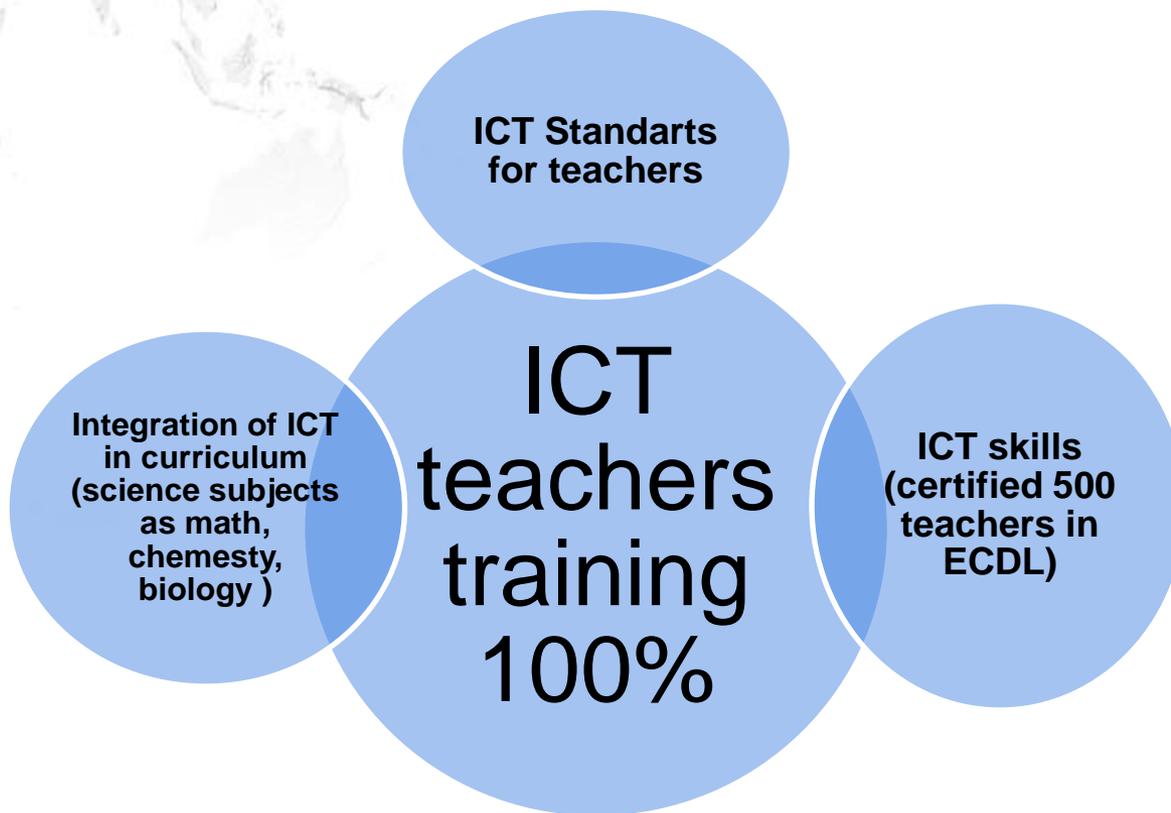
Improvement of the ICT infrastructure in schools 2010- 2011..2015



	2009	2010	2011	2014	2015
Laptop+tablets	2000	2722	3608	1199	6984
PC	19541	21404	23406	11331	11661
Total PC+Lap + tablets	21541	24126	27014	12530	18645

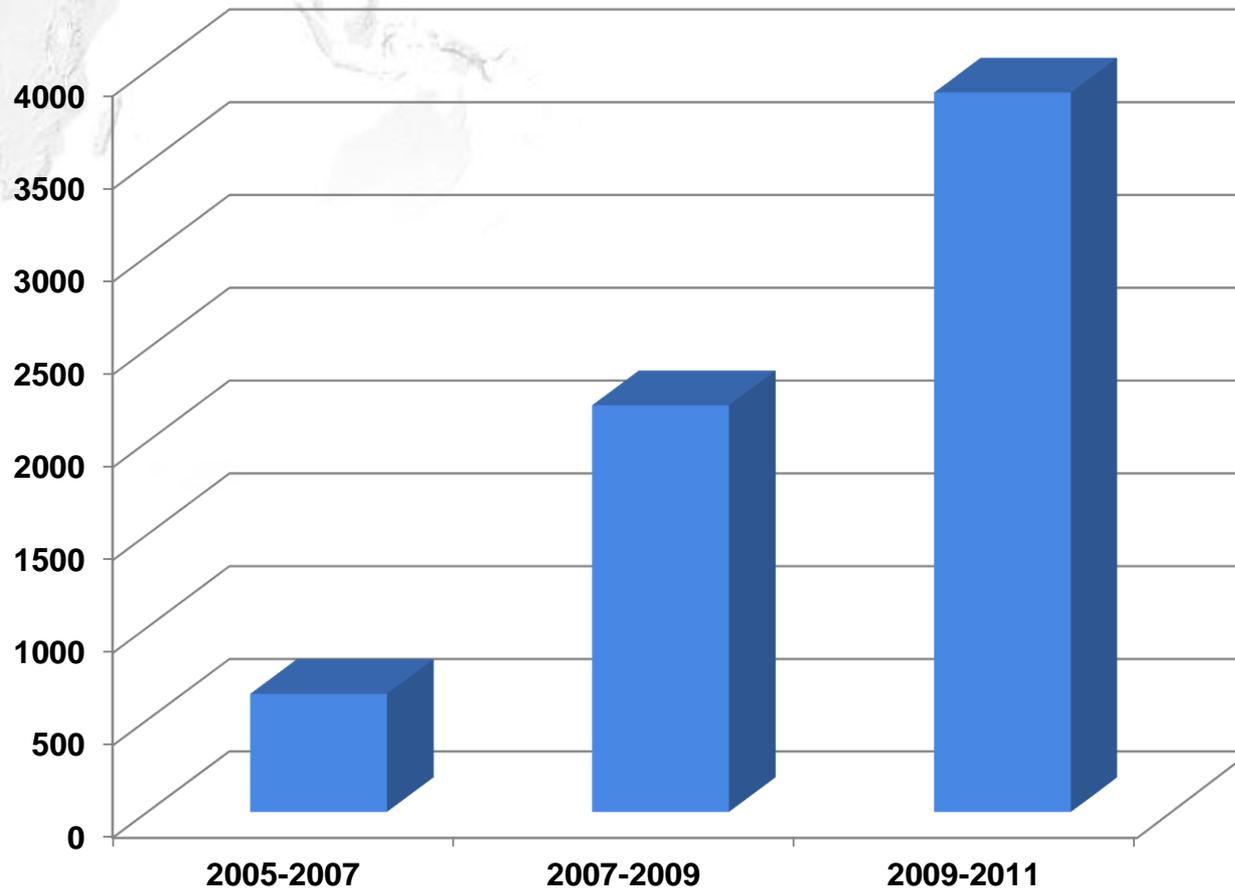


ICT Teachers Training





ICT Teacher Training





Awareness / Concerns

- - The Report on the number of computers for student use, varies from school to school. Roughly, this ratio is 1:27 in some cases low;
- - Students can receive information only in computer labs, but not in other school environments as, for example, the library;
- - More than 1/3 of the schools, students have limited opportunities for obtaining information online;
- - Completely missing the digital content in their mother language; only the used the Internet contents;
- - Is displayed the risk of exposure to inappropriate content;
- - There is no awareness of children using the internet or online abuse children on the Internet (Grooming).



Digital Agenda 2015-2020, Challenges

- The main objectives:
- Digitization of the education system to enhance the quality of education and contribute to creating a knowledge-based society through increased access to digital curriculum and enabling their connection to the Internet (100%)
- Integration into a contemporary level of use of ICT in teaching and teaching-learning, where all stakeholders such as teachers, parents, students, policy makers and service providers play defined roles for the gradual transfer towards a digital society based on knowledge.
- Achieving this objective by following this activities:
- □-Establishment of an appropriate infrastructure for a modern teaching:
 - - Equipping schools with functional infrastructure for the use of information (computers, laptops, tablets, smart); Pilot project in 60-schools
 - - High-speed Internet and accessing online opportunities also in other environments within schools, not only in laboratories;
 - - Technical support that ensures efficient use of infrastructure;





Prestigio mStudent



Tablet studenti



Prestigio mStudent



Tablet studenti



Prestigio mStudent



Tablet studenti



Prestigio mStudent



Tablet studenti



Videoprojektor Interaktiv



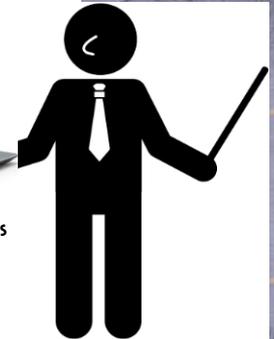
Wireless Access Point



Prestigio mTeacher



Laptop per mesues



Dollap multifunksional
per karrikimin e tabletave

mTeacher – Classroom Management by Prestigio

Interactive Whiteboard | Screen Broadcast | Student Demonstration | Net Movie | Camera | Monitor Control | Remote Command | Chat | Group Teaching | Quiz | Survey | Response Competition | File Distribution | File Collection

All Members

Student1 | Student4 | Student3

Lock view | Sort | Information | Zoom out | Zoom in

Silent | Silent Off

Auto Connect | Manage Class

Event | Message

Student1: Waiting for approval.
miron: Waiting for approval.
Student1: In Session!(12:10:43 PM)
miron: In Session!(12:10:48 PM)
Student 3: Waiting for approval.
Student 3: In Session!(12:20:17 PM)

Block

Speaker | Microphone

12:20 PM | 03/03



Digital Agenda 2015-2020, Challenges

- - The opportunity to access education portals in accordance with the planned curriculum and portals that enable monitoring student achievement by their teachers and parents;
- - Opportunity to access the portal for students with disabilities.
- - Develop competencies to benefit from these services provided through the optimization of services provided like software systems;

- 2. The acquisition of ICT learning methodology, which enable teachers and students to improve their learning process.
- 3. Creating an interactive school environment through the application of ICT in the management of schools and creating a link between the stakeholders in school, namely leaders, teachers, students and parents.
- 4. Presentation of a teaching level of ICT which will enable students to finish high school to qualify for certification programs like the European computer driving license (ECDL) and others. Regarding to ICT training, these levels should be considered as the basis of the qualification levels. The process of certification programs the above mentioned at the end of secondary school increases the chances that students have to get a job more easily, once they decide not to continue further studies, or be better prepared to attend courses in higher education.
- 5. Preparation of the students and the community for employment in real life, for example secretarial work, basic programs, creating web pages, etc.



Current policy and curricular context.

- Teachers Professional development based on UNESCO standards for professional development of teachers in ICT; ICT policies and Educational transformation.
- The use of online methods for professional development of teachers in ICT and enhancing the cooperation between teachers in this area
- Teacher professional development for the integration of ICT in subject content
- Digital resources
- Teachers training in the development of digital materials
- Integration of ICT into all curricula
- ICT standards for teacher
- ICT standards for students
- ICT standards for school administrators
- Training teachers of pre-university education system in the integration of ICT in the curriculum;





Indicators of ICT in Education Strategy

Indicators		2014	2015
Number of Computers for general use	Including laptop PCs, netbook or tablet	12530	18645
Number of Schools with webpage		50	88
Bandwidth of Internet connection service in schools		≥ 10 Mbps	≥ 10 Mbps
Students/PCs	Students number per one PC in schools	36.6	25
Teacher training for the creation of digital content		0	0
Community awareness of student teachers and parents to use online education portal		0	0



Thank You !
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