

## FATİH Project

Movement of Enhancing Opportunities and Improving Technology



**Published On:** 18 July 2014

**Organisation:** Ministry of National Education

**Country:** Turkey

**Level of government:** Central government

**Sector:** Education

**Type:** Public Service

**Launched in:** 2010

**Overall development time:** 4 years

**Link to the innovation's website**

**Like this innovation**

0 persons like this innovation

# Description

---

Our innovation known as FATİH is among the most significant educational investments of Turkey. It aims to implement computerised classes ('smart classes') in all schools around Turkey. With this project, 42 000 schools and 570 000 classes will be equipped with the latest information technologies and transformed into computerised classes. The implementation process started in 2010 and the operation is envisaged to be completed by 2017. Until the end of 2017, tablet computers, interactive whiteboards and high speed internet connection will be provided to all students and teachers who study and work in these schools. The e-content needs of the FATİH Project are met by the Education Information Network (EBA) which is an educational portal project. The EBA Portal is designed to provide learning and teaching materials for tablet computers and interactive whiteboards to be used by students and teachers for educational purposes.

---

## Why the innovation was developed

The first project planning studies of the FATİH Project started with the following strategic goal: "Information and Communication Technologies will be one of the main instruments of the education process and it will also make teachers and students use these technologies effectively". It was declared in the Information Society Strategy Document (2006-2010) published by the State Planning Organisation. The FATİH project has also been planned in line with requirements and strategic goals set in other Information Society Strategy Documents, Development Plans, Turkish Ministry of National Education's Strategic Plan, and ICT Policy Reports published for the years 2010-2018. These strategic documents had goals that include providing ICT tools for all public schools across Turkey which are mainly interactive whiteboards and high speed internet connection for all classrooms and tablet computers for all students and teachers.

- To achieve ICT supported teaching and learning in public schools.
  - To provide about 10 600 000 tablet computers to students and teachers, about 570 000 interactive whiteboards to each classroom and high speed internet connection to all 42 000 schools and their classrooms.
  - To provide e-content related to each course that can be used in tablet computers and interactive whiteboards.
  - To provide in-service training of 800 000 teachers about educational usage of tablet computers and interactive whiteboards.
  - To improve 21st century skills of students and teachers.
- 
- Teachers.
  - Students.

# Results

---

## Results not available yet

The implementation of the FATİH Project still continues. Evaluation studies will start at the end of the project. They will focus on measuring results about students' and teachers' satisfaction and their educational usage of the ICT technologies provided.

By September 2014

- 732 800 tablet computers were provided to students and teachers.
- 432 288 interactive whiteboards were provided to classrooms.
- 45 653 printers and document cameras were provided to classrooms.
- 105 000 teachers were trained in in-service training courses.
- E-content web portal ([www.eba.gov.tr](http://www.eba.gov.tr)) was founded for students and teachers.
- In 3 362 schools high speed internet infrastructure was established.

# Development

---

## Design

The project staff of the Ministry of National Education, General Directorate of Innovation and Educational Technologies, designed the innovation. Between 1990s and 2010s, the Ministry executed the process of integrating ICT into education by founding an ICT classroom including 1 teacher computer and 20 student computers in all public schools, providing educational software and dial up internet connection to these ICT classrooms. Since the quantity and quality of these ICT services were seen as not sufficient for the educational needs of all students and teachers in schools, the Ministry decided after 2010 to provide tablet computers to all students and teachers, interactive whiteboards to each classroom and high speed internet connection to all public schools. This is the FATİH Project Innovation.

Design time: 1 year

---

## Testing

- LCD Interactive Boards, and 8 500 tablet PCs have been distributed in 52 high schools in 17 provinces within a pilot programme.

Testing time: 1 year

---

## Implementation

### Tools used:

- Providing ICT hardware and software.
- Providing educational e-content and management of e-content.
- In-service training of the teachers.

### Resources used:

- Project staff of the Ministry of National Education and of the Ministry of Transport, Maritime Affairs and Communication. About 40 people work on the FATİH Project and 80 persons work on the EBA Portal. About 2 000 people work on the in-service training of teachers.
- Budget of the Ministry of National Education and of the Ministry of Transport, Maritime Affairs and Communication. The total estimated general budget of the FATİH Project budget between 2010 and 2017 is about USD 5 Billion.

Implementation time: 2 years

---

## Partnerships

### Ministries, agencies and research council

Other Public Sector

The following partners provide project budget and technical support in bidding processes:

- Ministry of Transport Maritime Affairs and Communications.
  - The Scientific and Technological Research Council of Turkey (TÜBİTAK).
  - Ministry of Science, Industry and Technology.
  - Ministry of Development.
  - Ministry of Economy.
  - Ministry of Finance.
  - Under secretariat Treasury.
  - Prime Ministry Investment Support and Promotion Agency.
-

# Lessons Learned

---

## Lessons Learned

- Since the FATIH Project is a country wide project, the planning, implementation and evaluation process is not easy and requires much time.
  - Large scaled transformation projects require a special focus on teacher training.
  - There is also a need of ambassadorial leadership for teachers' work in schools in each city. Ambassadorial leadership should integrate the ICT tools of the FATIH Project into the teaching and learning processes of teachers. Ambassadors should help, guide and encourage other teachers during their implementation of technology in the Turkish education system. But this change should not be compulsory.
- 

## Conditions for success

The FATIH Project is composed of the following 5 main components:

1. Providing ICT Hardware and Software.
2. Providing educational e-content and management of e-content.
3. Effective usage of the ICT in teaching programmes.
4. In-service training of the teachers.
5. Conscious, reliable, manageable and measurable ICT usage.

---

Copyright OECD. All rights reserved.