

Opening Remarks

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Participant Institutions

- Ministry of National Education, Republic of Turkey
 - Directorate General of European Union and Foreign Relations,
 - Directorate General for Strategy Development,
 - Directorate General for Private Education and Guidance Services,
 - Directorate General for Basic Education,
 - Directorate General for Lifelong Learning,
 - Directorate General for Teacher Training and Development,
 - Directorate General for Secondary Education,
 - Directorate General for Vocational and Technical Education,
 - Directorate General for Innovation and Education Technologies,
 - Department of Education and Culture,
 - Directorate General for Regional Development,
 - Department of European Union and Foreign Relations.
- JA Turkey
- Ministry of Development, Republic of Turkey.
 - Directorate General for Social Sectors and Coordination.
- Vocational Qualifications Authority, Republic of Turkey.
- Directorate of Development and Support for Small and Medium Scale Enterprises' (KOSGEB).
- Ministry of Science, Industry and Technology, Republic of Turkey.
- Endeavor Turkey
- Technology Development Foundation of Turkey (TTGV)
- Özyeğin University
- Bahçeşehir University
- U.S. Embassy Ankara

INTRODUCTION

“Sense of initiative and entrepreneurship” can be broadly defined as the capacity to turn ideas into action, ideas that generate value for someone other than oneself. Sense of initiative and entrepreneurship is a transversal key competence, which every citizen needs for personal fulfilment and development, active citizenship, social inclusion and employment in the knowledge society (Entrepreneurship Competence Framework, 2016).

With a definition focused on behavior and activities, following features of the entrepreneurs come to the fore:

- Combining the required resources with already available ones and organizing their conversion to products or present resources to get use of the opportunities that are present or the entrepreneur has formed,
- Performing spontaneous initiatives at any stage of starting a business and show leadership qualities,
- Calculating risks at during these processes and despite these risks taking relevant measures and carry on the path
- Continuously seeking innovation and beyond being sensitive towards customer expectations, creating his/her own expectations (Turkey Entrepreneurship Strategy & Action Plan 2013 - 2018)

Entrepreneurship education has long been a policy priority at EU level, underlined in a succession of strategic EU documents and communications including the Key Competences Framework for Lifelong Learning Europe 2020, the Small Business Act and most recently, the New Skills Agenda In the Entrepreneurship Action Plan 2020 and the Rethinking Education Communication, the European Commission recommends all young people should have a practical entrepreneurial experience before leaving school.

Still, the European Commission Overview of Employment and Social Developments in Europe in 2015 reveals that “the lack of entrepreneurship education remains a significant bottleneck to stimulating self-employment and entrepreneurship in the EU.” The COSME programme specifically underlines the importance of investment in the development of entrepreneurial skills and competences at all levels of education.

The EURYDICE report on Entrepreneurship Education released in 2016 clearly shows that the “uptake” of entrepreneurship education in the EU has a significant way to go. Only 11 Member States have made it an explicit priority so far. The European Parliament, in its resolution Promoting youth entrepreneurship through education and training from September 2015, underlines the necessity for education systems to include entrepreneurship as a priority in the national education curricula, and at the same time the need for teacher training to increase the uptake of entrepreneurship education in European schools.

Within the framework of the Turkey Entrepreneurship Strategy and Action Plan 2013-2018, emphasis has been given that the Ministry of National Education will give place to entrepreneurship education within the scope of Formal and Non-Formal Education and effectiveness of education should be increased.

It is observed that the studies about the placement of entrepreneurship education in the curriculum at primary, secondary, high school and higher education levels are becoming widespread and reflected in the strategic plans of the countries. In our country, entrepreneurship topic was included in the strategic plans of individual primary and secondary schools with the Turkey Lifelong Learning Strategy Document and Action Plan (2014-2018) and the Ministry of National Education Strategic Plan (2010-2014). EU projects with entrepreneurial focus are carried out in primary and secondary schools.

When it is considered within the scope of Curriculum;

- One of the eight core competencies that students are trying to achieve in the curriculums taught in class 1-8 is entrepreneurship. In the curriculum, "entrepreneurship" is determined as an intermediate discipline and its basic achievements are given in relation to some other courses.
- In the course of professional development, producing entrepreneurial ideas, entrepreneurial idea development and business building and development modules are included. In addition, "Entrepreneurship and Business Management" course, which is taught for 2 hours a week, is given to the students in the vocational education programs which are taught in vocational and technical education schools and institutions and aims to give the students the qualifications to "follow economic developments, in the 11th or 12th grade as an elective.
- In the technology and design lessons applied in the classes 7-8, students are encouraged to develop creative ideas through the interdisciplinary approach to the information they learn in all lessons and the project works of the the students' innovation and entrepreneurship skills are exhibited at the national level.
- The "entrepreneurship" curriculum, which is taught electively in general secondary schools, has been prepared and is still being implemented.
- The targets set by the Ministry of National Education includes but not limited to implementing teacher training, taking into account the ability to train entrepreneurship in the preparation and implementation of teacher qualifications, developing working methods for business unions between sectors (education and employment), and sharing the examples of good practices for entrepreneurship education on the web site of the Board of Education.

ABOUT THE EUROPEAN ENTREPRENEURSHIP EDUCATION NETWORK (EE-HUB)

The European Entrepreneurship Education NETWORK (EE-HUB) was launched in May 2015. With 40+ experts from more than 20 countries, it is a unique advisory group for policy-makers. The EE-HUB engages in outreach and awareness activities across several work streams (i.e. national strategies, partnerships with business, support for teachers and the role of regional authorities).

The field of entrepreneurship education is driven by a whole ecosystem of interconnected stakeholders and partnerships including the EU institutions, national governments, NGOs, businesses and, of course, schools and universities.



Building on the achievements of the existing EE-HUB, the new European Hub would become the main European platform serving the achievements of the above objectives and measuring progress across Europe.

“Junior Achievement takes the responsibility of enriching individuals at an early age with entrepreneurship competences that is the key to development of a country in the short term as referred by the contemporary economic approaches. That's why, Junior Achievement activities and outputs are great opportunity for all the nations. Turkey, with a high rate of young and dynamic population will make the best of this opportunity,”

Mustafa Hilmi Çolakoğlu, Deputy Undersecretary, Ministry of National Education

Mission of the European Entrepreneurship Education NETWORK (EE-HUB)

- Promote and support collaboration between business, education and NGOs; improve access to entrepreneurship education for marginalised groups
- Recommend a progression model in entrepreneurship education and seek consensus around it
- Coordinate the development of a common validation and certification system for entrepreneurship education for teachers and students, as well as European competence-based assessment tools
- Map research efforts in Europe and disseminate results
- Ensure peer learning between countries to advance entrepreneurship
 - Serve as a know-how and support centre for policy-makers
 - Identify, recognize, and centralise existing good practices in Europe
 - Collect, develop and disseminate tools and methods to be used in the classroom
 - Develop and encourage use of technologies and blended learning tools for teachers and students
 - Develop and maintain quality assurance instruments
 - Support initial teacher training and continuous professional development in entrepreneurship education
 - Seek out a good legal/financial framework to support practical entrepreneurship experiences at school (handling money and insurance, for example)
- Raise awareness, recognize and reward efforts and initiatives that support entrepreneurship education, including but not limited to:
 - Annual Summits for Entrepreneurship Education
 - Entrepreneurial School Awards
 - European events for students
 - Promoting and strengthening the cross-border and global dimension of entrepreneurship education

“75% of teachers consider they do not get rewarded for improving teaching and being innovative.”

OECD, Talis

Policy Recommendations for Governments

- Facilitate a broad policy platform for the work on entrepreneurship education: cross-ministerial collaboration, with the Ministry of Education in a leading role and with players from as many public domains as possible
- Maintain strong stakeholder relations; create win-win situations as well as involve stakeholders in designing, planning, implementing and evaluating policy and activityUzun vadeli hedefler için ulusal finansman oluşturmalıdır
- Leverage entrepreneurship education throughout national strategy, in all relevant areas (education, integration, job creation, employment, innovation...)
- Provide for entrepreneurship education in initial teacher training as well as in continuous professional development for teachers
- Map activity, monitor progress and measure impact
- Create visibility for and raise awareness of the importance of entrepreneurship education
- Work to ensure local and regional authorities are also acting to support entrepreneurship education in their priorities
- Collaborate with governments in other countries in order to progress entrepreneurship education

Policy Recommendations for Education Institutions

- Make entrepreneurship education part of the school's strategy and communicate those plans to teachers, students, parents and the local community
- Allocate for continuing professional development CPD for teachers and routines for teacher recognition and awareness
- Encourage teachers and students to collaborate and share their knowledge and experience
- Encourage networking among headmasters and teachers nationally or cross-border
- Review and assess activities in order to measure progress

Policy Recommendations for the Business Community and its intermediary organizations

- Collaborate in the successful design and implementation of entrepreneurship education
- Co-operate with relevant public authorities, NGOs and education institutions to raise awareness of the benefits of entrepreneurship and of the positive role that entrepreneurs play in the society
- Partner with local schools, VET and universities: activities such as mentoring teachers or students, school visits, open days, special events and competitions, internships and/or apprenticeships

" The European Entrepreneurship Education Network (EE-HUB) will nurture and strengthen the entrepreneurial spirit within our country, as well as contribute to our ability to better identify and cooperate with the best practices of the participating countries in education and technology. The membership of the EE-HUB has a critical meaning for our country's vision of becoming a leading and role model country on the international platform and taking place among the top ten economies in line with the Vision 2023."

*Bariş TEZCAN
JA Turkey – Chairman of the Board*

WORKSHOP METHODOLOGY AND RESULTS

Six focus groups were formed within the scope of the workshop and the groups carried out their work under the supervision of the moderators. The working groups answered the questions on three different topics.

Section 1: Entrepreneurship education / programs in your organization

In this section, all participating institutions shared information about entrepreneurship education/programs being implemented and/or implemented in their institutions, according to the following table.

Section 2: Entrepreneurship education needs analysis in our country

In this section, taking into account all the entrepreneurship education applied in our country as a whole, all the groups have discussed the 'Strengths and Needs of Strengthening' of our country in this area.

At the end of this section, group spokesmen provided summary information on the identified needs.

Section 3: In line with the Vision 2023, entrepreneurship education in Turkey on the international platforms

In this section, groups developed ideas for the model application, which is planned to have a pilot implementation, within the scope of the question 'aiming to become one of the top 10 economies of the world, what is needed for Turkey to become a global actor and role model on entrepreneurship culture and education?'

At the end of the section, group spokesmen presented project suggestions designed within the group for entrepreneurship education / programs that need to be developed.

“The establishment of the European Entrepreneurship Education NETWORK is a further milestone towards a more entrepreneurial Europe. I am confident that this new EE-HUB will help to inspire a change in mindsets, facilitating our readiness for the knowledge society and creating an environment where new ideas can prosper.”

Joanna Drake, Deputy Director-General, DG Environment
(former Director for Entrepreneurship & SMEs, DG Internal Market, Industry,
Entrepreneurship and SMEs)

Section 1

CORPORATE ENTREPRENEURSHIP EDUCATIONS/PROGRAMS ASSESSMENT

WORKSHOP RESULTS

Section 1: Corporate entrepreneurship educations/programs assessment

This section has been prepared with the information shared by the participants in order to identify entrepreneurship programs in effect at the general country level.

Contents of this section have been separated into headlines in order to cover activities performed by the parent institution and its sub-institutions.

	Ministry of National Education Directorate General for Basic Education
Entrepreneurship Programs	For the 2017-2018 Education Period, all of the updated educational programs for the 1st and 5th Grades include taking initiative and entrepreneurship skills as a skill training.
Target Group	All primary and secondary education students (more than 10.500.000)
Content	Development of entrepreneurial skills. Provision of transfer of 8 basic skills expected from the students
Domain	It is expected that students will be effective in every aspect of their life, especially in school life and social life
Outcomes/Results	Ensuring students to act with an entrepreneurship soul at all their areas of interest.
Budget Source/Budget Range	MoNE Budget
Sustainability	The whole curriculum is continuously monitored, evaluated and updated in the name of sustainability.

Ministry of National Education	
Entrepreneurship Programs	Entrepreneurship education was introduced to the renewed curricula.
Target Group	All students
Content	MoNE Entrepreneurship Curriculum
Domain	15.949.131 students (MoNE Statistics - 2016-2017)
Outcomes/Results	Vocational training centers are engaged in working with the business world. Students can become conscious of choosing their profession through the influence of entrepreneurship programs. Entrepreneurship can be seen as a career option.
Budget Source/Budget Range	MoNE general budget
Sustainability	It will be applied to schools indefinitely as it is included in MoNE curriculum

Ministry of National Education Directorate General for Lifelong Learning	
Entrepreneurship Programs	The Directorate General for Lifelong Learning has a training module on entrepreneurship
Target Group	Adults
Content	Course programs with practical and theoretical applications (http://hbogm.meb.gov.tr/modulerprogramlar/kurslar/Ki%C5%9Fisel%20Geli%C5%9Fim%20ve%20E%C4%9Fitim_Giri%C5%9Fimcilik.pdf)
Domain	Individuals over 20 years of age
Outcomes/Results	Dissemination of entrepreneurship consciousness among adults and increasing the number of successful initiatives (accessible to course / trainees and certificate holders via eyaygin@meb.gov.tr)
Budget Source/Budget Range	MoNE Directorate General for Lifelong Learning Budget / Private budget of the protocol-making institutions
Sustainability	MoNE Directorate General for Lifelong Learning educations are held in 3-6 month periods. Within the framework of protocols, the continuity of the programs is ensured and contents are constantly updated with new protocols.

Ministry of National Education Affiliated Middle School	
Entrepreneurship Programs	Participation in national and international competitions and events (Tübitak - Bebras.org - Maker Faire) STEM and Coding activities
Target Group	10-14 Ages
Content	Coding Trainings and Maker Studies
Domain	School Students
Outcomes/Results	The number of participant students is being calculated
Budget Source/Budget Range	School and student resources
Sustainability	Project-based progress, sustainability is not available.

Ministry of National Education	
Entrepreneurship Programs	Vocational and Technical Education Entrepreneurship Course Business Course (Elective Course at Private Schools)
Target Group	High school students
Content	Theoretical education
Domain	Vocational high school students
Outcomes/Results	The number of graduated students is being calculated
Budget Source/Budget Range	MoNE Budget
Sustainability	Conducted by the Ministry of National Education and continuing to be implemented within the education system

Ministry of National Education Directorate General for Lifelong Learning	
Entrepreneurship Programs	Women First in Entrepreneurship Program Vodafone - The Informatics Association of Turkey (TBD)
Target Group	Public Education Center trainees
Content	Entrepreneurship educations (http://oncekadin.gov.tr/)
Domain	20 Provinces / Women
Outcomes/Results	http://oncekadin.gov.tr/ product sales web site was established and 22.000 products were offered for sale. 26.000 women were educated in 20 provinces
Budget Source/Budget Range	Supported by the Vodafone
Sustainability	The website continues to be active and entrepreneur women who are trained are selling products.

Ministry of National Education Directorate General for Lifelong Learning	
Entrepreneurship Programs	I Can Manage My Budget Project
Target Group	Public Education Trainees
Content	Financial Literacy Educations
Domain	81 Provinces
Outcomes/Results	Provided education for 510.000 people in overall Turkey.
Budget Source/Budget Range	1.500.000 TRL Turkish Economy Bank
Sustainability	Continues

Ministry of National Education Directorate for Strategy Development	
Entrepreneurship Programs	Innovation Awards
Target Group	Provincial and central organization institutions and their employees
Content	Dissemination of Innovative Applications
Domain	Application conditions regarding the institutions and their staff for the Innovation Awards in Education are announced by the Ministry of National Education Directorate for Strategy Development with a circular.
Outcomes/Results	Selected works are rewarded.
Budget Source/Budget Range	MoNE Budget
Sustainability	It is implemented regularly every year. The number of participants is increasing every year

Ministry of National Education Affiliated Vocational High School	
Entrepreneurship Programs	Participation in Entrepreneurship Seminars Implementation of the JA Turkey Company Program Participation in 3D Training - Robotics courses Participation in face-to-face and distance learning activities for teachers
Target Group	Students aged 14-18 Teachers Parents School Administrators
Content	Theoretical and Practical Education
Domain	Students, teachers and parents of the school concerned
Outcomes/Results	No information provided

Budget Source/Budget Range	Parent-Teacher Association Budget 3.000 TRL - 10.000 TRL
Sustainability	Project-based participation
Ministry of National Education Affiliated Secondary Education Institution	
Entrepreneurship Programs	Various programs implemented within the framework of cooperation protocols with various institutions such as universities, foundations and municipalities
Target Group	Secondary Education Students
Content	Education and practices that will facilitate the future career choice of young people
Domain	All secondary students Students, Parents, Academic and administrative staff
Outcomes/Results	No information provided
Budget Source/Budget Range	No information provided
Sustainability	No information provided

Ministry of National Education Affiliated Secondary Education Institution	
Entrepreneurship Programs	ETCEP Project
Target Group	Preschool, primary and secondary school students
Content	http://etcep.meb.gov.tr/ Content and detailed information can be accessed via the website.
Domain	Preschool, primary and secondary school students
Outcomes/Results	not measured
Budget Source/Budget Range	No information provided
Sustainability	Project Completed

Ministry of National Education Affiliated Middle School	
Entrepreneurship Programs	School and school management in the eyes of children and young people
Target Group	Students of the relevant school
Content	To solve problems by dreaming
Domain	Students, schools and teachers of the school concerned
Outcomes/Results	Creation of school management policy with examples of productive thought
Budget Source/Budget Range	No information provided
Sustainability	No information provided

Ministry of National Education Directorate General for Vocational and Technical Education Workplace Based Vocational Education Department	
Entrepreneurship Programs	<p>A protocol was signed with the TÜSSİDE (Turkish Management Sciences Institute) (2014-2017)</p> <p>Career days are organized in schools</p> <p>The Vocational and Technical Education Strategy Document and the Action Plan covers the title of Entrepreneurship, Entrepreneurship modules have been added to mastery education programs under <i>the law no 3308</i></p> <p>KOSGEB support has been provided to master certificates holders.</p>
Target Group	<p>All students and teachers affiliated to the General Directorate of Vocational and Technical Education</p>
Content	<p>Professional Development courses include Entrepreneur Ideas and business start-up modules</p> <p>Within the Career Days, the business world and students are brought together</p> <p>TUSSIDE provided training for vocational teachers and managers</p> <p>Since 2015, all vocational and technical education graduates and master certificate holders are given KOSGEB Applied Entrepreneurship Training certificate.</p> <p>KOSGEB, TÜSSİDE, DG for Vocational and Technical Education and The Scientific and Technological Research Council of Turkey (TÜBİTAK) institutions have been assigned to develop entrepreneurship.</p> <p>Competitions are held and trainings are given</p>
Domain	<p>Teachers and school administrators, Vocational and technical education graduates Vocational and technical education students</p>
Outcomes/Results	<p>15,000 Teachers and school administrators trained share their knowledge with their colleagues and transfer them to their students</p> <p>Graduated students are entitled to apply for KOSGEB New Entrepreneur Support</p>
Budget Source/Budget Range	<p>MoNE, TÜSSİDE TÜBİTAK KOSGEB</p>
Sustainability	<p>Unlimited period application according to Law no. 3308</p>

The protocol with KOSGEB is unlimited.
TUSSIDE Educations have been completed.

JA Turkey	
Entrepreneurship Programs	Smart Money Management
Target Group	Primary school, 4th class.
Content	Financial Literacy, Development of Entrepreneurial Skills, Job Recognition, Teamwork
Domain	Primary School Students, Parents, Teachers, Business World volunteers
Outcomes/Results	7 years – implementation with 6000+ students
Budget Source/Budget Range	15.000 USD /year
Sustainability	The program is continuing in every academic year

JA Turkey	
Entrepreneurship Programs	My Job
Target Group	Secondary School Students
Content	Recognizing the examples of entrepreneurs via games, Developing business idea, Designing office / workplace, Recognizing customers and their needs, Preparing and presenting business plan
Domain	Secondary School Students, Parents, Teachers, Business World volunteers
Outcomes/Results	It was implemented with 600 students 2017-2018 Education year is the first year of implementation
Budget Source/Budget Range	15.000 USD /year
Sustainability	The program is continuing in every academic year

JA Turkey	
Entrepreneurship Programs	Company Program
Target Group	High School Students

Content	Entrepreneurship, Financial Literacy, Increase employability skills Young people are involved in a true entrepreneurship experience program in which they develop business ideas, distribute their tasks, and produce and sell their products in their schools. In this process they get mentorship from business world volunteers.
Domain	High School Students, Parents, Teachers, Business World volunteers
Outcomes/Results	Over 100.0 students have been involved in the program, about 1000.0 students have been involved in the work of schools .
Budget Source/Budget Range	100.000 USD per year
Sustainability	The program is continuing in every academic year

JA Turkey	
Entrepreneurship Programs	Innovation Camp
Target Group	Primary and secondary school students
Content	Business idea development, Learning innovative approach, Sector specific research and idea development Canvas creation, Business plan preparation, Team work - Working with mentor, Presentation skills
Domain	Primary and secondary school students
Outcomes/Results	5.000 + Students
Budget Source/Budget Range	Supported by different institutions and funds
Sustainability	It is reapplied every academic year

JA Turkey	
Entrepreneurship Programs	ESP(Entrepreneurial Skills Pass) Certificate, (Entrepreneurship Skills Measurement)
Target Group	Young People who have successfully completed the Company Program Graduated High Schools Students Program and who have gone through the Self-Assessment Process twice during the year, will enter an online test that applies to all countries in the same way as to obtain the ESP Certificate valid in 29 countries. They are certified after 70% success in this exam.
Content	

	This certificate is considered as a reference at the international undergraduate level and offers participation in webinars, seminars, special careers and experience programs for young people.
Domain	High School - University Students Entrepreneur Candidates
Outcomes/Results	2600+ students enrolled in the system 525 Certificate Holder
Budget Source/Budget Range	International Funds + Young Success Budget
Sustainability	The program is continuing in every academic year

Bahçeşehir University	
Entrepreneurship Programs	The entrepreneurship clubs established within Bahçeşehir Colleges are carrying out studies to improve the entrepreneurship skills of young people and to raise their awareness
Target Group	K-12 level students
Content	Entrepreneurship club activities Young Success Company Program Practical trainings for young people for planning and shaping their careers
Domain	Participating students Parents Teachers
Outcomes/Results	Number of students participating in the program
Budget Source/Budget Range	Bahçeşehir Colleges budget, Different national and international funds
Sustainability	Programs are being repeated and improved each year.

Bahçeşehir University	
Entrepreneurship Programs	Apply BAU
Target Group	University students
Content	Practical trainings for young people for planning and shaping their careers
Domain	Participating students
Outcomes/Results	Number of students participating in the program, Internships and employed students
Budget Source/Budget Range	Bahçeşehir Colleges budget, Different national and international funds
Sustainability	Programs are being repeated and improved each year.

Ministry of Science, Industry and Technology	
Entrepreneurship Programs	It is aimed to establish 300 Technical Colleges in 300 organized Industrial Zones (to establish 100 Technical Colleges in 2018).
Target Group	Students who are trained and will be trained at the Vocational and Technical fields, Industrial business people
Content	
Domain	Contribution to employment Increasing the number of active entrepreneurs
Outcomes/Results	No information provided
Budget Source/Budget Range	Ministry of Science, Industry and Technology
Sustainability	Implementations within the Ministry's strategic goals

Ministry of Science, Industry and Technology	
Entrepreneurship Programs	Ministry of Science and Industry support programs Ministry education programs
Target Group	Industrial business people University students, Graduate students Industrial workers
Content	Detailed information can be obtained through the Ministry's website
Domain	Contribution to employment Increasing the number of active entrepreneurs
Outcomes/Results	No information provided
Budget Source/Budget Range	Ministry of Science, Industry and Technology
Sustainability	Implementations within the Ministry's strategic goals

Ministry of Science, Industry and Technology Directorate General for Science and Technology	
Entrepreneurship Programs	<p>Management of processes related to the establishment and monitoring of Technology Development Zones.</p> <p>The preparation of the digital transformation roadmap of the manufacturing industry, the execution of various studies on qualified employment needed by the industry.</p> <p>Establishment of Vocational Higher Schools</p> <p>Contribution to curriculum studies</p>
Target Group	<p>Entrepreneurs in the Technology Development Zones, manufacturing industry sectors, people who will provide employment in the industry</p> <ul style="list-style-type: none"> • BİLTEK - Ministry Information Page_ https://biltek.sanayi.gov.tr/SitePages/biltekarayuz/index.html
Content	<ul style="list-style-type: none"> • Technology Development Zones_ https://biltek.sanayi.gov.tr/sayfalar/tgb.aspx
Domain	<p>Contribution to employment</p> <p>Increasing the number of active entrepreneurs</p>
Outcomes/Results	No information provided
Budget Source/Budget Range	Ministry of Science, Industry and Technology
Sustainability	Implementations within the Ministry's strategic goals

Ministry of Science, Industry and Technology	
Entrepreneurship Programs	COSME Program
Target Group	Young Entrepreneurs
Content	Foreign exchange program for SMEs
Domain	Opportunity for young entrepreneurs to cooperate with companies operating in similar sectors
Outcomes/Results	No information provided
Budget Source/Budget Range	No information provided
Sustainability	No information provided

Ministry of Science, Industry and Technology	
Entrepreneurship Programs	TeknoGirişim Capital Support
Target Group	University Senior Class - Graduate students
Content	Promotion of innovative and technology products production https://biltek.sanayi.gov.tr/sayfalar/t.aspx
Domain	New initiatives, Start-ups
Outcomes/Results	Technological and innovative products
Budget Source/Budget Range	100. 000 TRL (per project eligible for support)
Sustainability	Applicants who are evaluated positively establish their own businesses Program continues every year

Vocational Qualifications Authority National Europass Center	
Entrepreneurship Programs	It operates as the 'National Europass Center' within the context of increasing employability and labor mobility Under the Erasmus + program KA2, various programs are being implemented as grant beneficiaries
Target Group	Job Seekers, Employers, Educational Institutions, Young people (Students and graduates)
Content	Registering skills and experiences by creating portfolio in European format, more accurate evaluation of business and education applications and contributing to lifelong learning
Domain	Employment and education areas
Outcomes/Results	Curriculum vitae, portfolio building education associated with career guidance Providing mobility in employment and education with documents such as diploma supplement, certificate supplement etc.
Budget Source/Budget Range	EU + projects funded by national funds
Sustainability	There are no sustainability issues as they are implemented based on the recommendation of the The European Parliament and The European Council and supported through EU funds.

ENDEAVOR TURKEY (Effective Entrepreneurs' Association)	
Entrepreneurship Programs	CaseCampus
Target Group	3 rd - 4 th Year University students, university graduates of last five years (under age 30)
Content	Case studies (Online-based) Conferences
Domain	Universities Academics Mentors Entrepreneurs
Outcomes/Results	305 casecampus graduates are available 45 Start-Ups 30 Mentors 30 job placements (Employment + Internship)
Budget Source/Budget Range	Akbank + Endeavor 100.000 USD
Sustainability	It is being performed every year. A program editor is designed to be self-sufficient

ENDEAVOR TURKEY (Effective Entrepreneurs' Association)	
Entrepreneurship Programs	Workshop Studies
Target Group	Instructors and Consultants
Content	Workshops are held in different themes
Domain	Instructors and Consultants
Outcomes/Results	Every year 5 to 6 different workshops are organized
Budget Source/Budget Range	Endeavor
Sustainability	It is being performed every year. A program editor is designed to be self-sufficient

ENDEAVOR TURKEY (Effective Entrepreneurs' Association)	
Entrepreneurship Programs	Scale Up
Target Group	Workshop process studies of transition process from the Start-Up stage to the Scale-Up stage
Content	Marketing - Mindfulness - 1 day MBA v.b presentations education
Domain	Initiatives at Start -Up stage
Outcomes/Results	No information provided
Budget Source/Budget Range	Endeavor stakeholders
Sustainability	It is being performed every year. A program editor is designed to be self-sufficient

ENDEAVOR TURKEY (Effective Entrepreneurs' Association)	
Entrepreneurship Programs	Good Investment
Target Group	Those who want to be angel investors
Content	Angel Investment
Domain	Investors
Outcomes/Results	No information provided
Budget Source/Budget Range	20.000 USD per year
Sustainability	It is being performed every year. A program editor is designed to be self-sufficient

KOSGEB	
Entrepreneurship Programs	<ol style="list-style-type: none"> 1. Entrepreneur Education 2. New Entrepreneur Support 3. Business Plan Award 4. Workforce Support 5. Entrepreneurship Awards 6. Entrepreneurship Strategy and Action Plan 7. EU and Outsourced Projects
Target Group	<ol style="list-style-type: none"> 1. Entrepreneurial candidates 2. New Entrepreneurs 3. University Students 4. Professional Organizations 5. Successful Entrepreneurs
Content	<ol style="list-style-type: none"> 1. Education 2. Refundable Supports - Grants
Domain	Entrepreneurship Ecosystem
Outcomes/Results	<p>Gaining educated entrepreneur candidates and entrepreneurs in the system</p> <p>Establishment of new ventures</p> <p>Increasing the number of young entrepreneurs with incentives</p> <p>Development of entrepreneurship ecosystem</p>
Budget Source/Budget Range	<p>All programs are financed by Public Sources</p> <p>Supports offered under the programs can be listed as follows</p> <p>New Venture Support *; 150.000 TRL for each venture</p> <p>Business Plan Award:</p> <p>1st Prize: 25.000 TRL, *</p> <p>2nd Prize: 20.000 TRL, *</p> <p>3rd Prize: 15.000 TRL *</p> <p>Business Development Center Support: 850.000TL per Business Development Center **</p> <p>Conditions and details of the support are available on KOSGEB official web site. (http://www.kosgeb.gov.tr/)</p>
Sustainability	Gaining private sector of entrepreneurs trained and supported by the action plan of entrepreneurship strategy

Türkiye Bilişim Derneği Ankara Şubesi	
Entrepreneurship Programs	BGK - Entrepreneurial Woman Project in Informatics
Target Group	Professional non-working / retired women
Content	In order to commercialize human capital of the qualified unemployed women; an e-learning system, an e-commerce portal and a social environment, where necessary trainings can be taken on-line and off-line, will be created. (http://bgk.org.tr/)
Domain	Women who have graduated from University and have never worked and/or have left their work after birth of their children but who have human capital based on knowledge, who want to convert these capital into commercial gain and contribute to home economies, non-working women members of the project owner, partner and associate associations.
Outcomes/Results	No information provided
Budget Source/Budget Range	Financed by Ankara Development Agency, 100.000 TL
Sustainability	Systems provided by the Institution will be substituted

Özyeğin University	
Entrepreneurship Programs	Elevator talk contest
Target Group	High school students
Content	Education and Competition
Domain	High school students
Outcomes/Results	1000+ students
Budget Source/Budget Range	100.000 TRL
Sustainability	3 years

Özyeğin University	
Entrepreneurship Programs	Maker Lab
Target Group	High school students
Content	Training and Physical Facilitation
Domain	High school students
Outcomes/Results	Participation of more than 100 schools
Budget Source/Budget Range	50.000 TRL
Sustainability	2 years

Özyeğin University	
Entrepreneurship Programs	Business idea development seminar
Target Group	High school students
Content	Education
Domain	High school students
Outcomes/Results	Participation of more than 100 schools
Budget Source/Budget Range	100.000 TRL
Sustainability	5 Years

Ministry of Development Directorate General for Social Sectors and Coordination	
Entrepreneurship Programs	Support for the establishment of Young Entrepreneur Centers
Target Group	University students - Universities
Content	Establishment of centers for creative young people with growth potential in order to offer training and consultancy services on starting business or growing their existing business and let them to meet with investors
Domain	University students, Private Sector Representatives, Investors
Outcomes/Results	3 centers were established; Erzurum Technical University, İnönü University, Mersin University
Budget Source/Budget Range	Supported by the program of support for attraction centers
Sustainability	No information provided

Technology Development Foundation of Turkey (TTGV)	
Entrepreneurship Programs	Make Tomorrow Program
Target Group	High school students and teachers
Content	Hardware, Software, Design, Rapid Prototyping
Domain	Problem solving and creativity
Outcomes/Results	Concrete Projects / International Competition
Budget Source/Budget Range	Private donations and sponsorships
Sustainability	TTGV co-financing

Section 2

NEEDS ANALYSIS OF ENTREPRENEURSHIP EDUCATION IN TURKEY

Section 2: Needs analysis of entrepreneurship education in Turkey

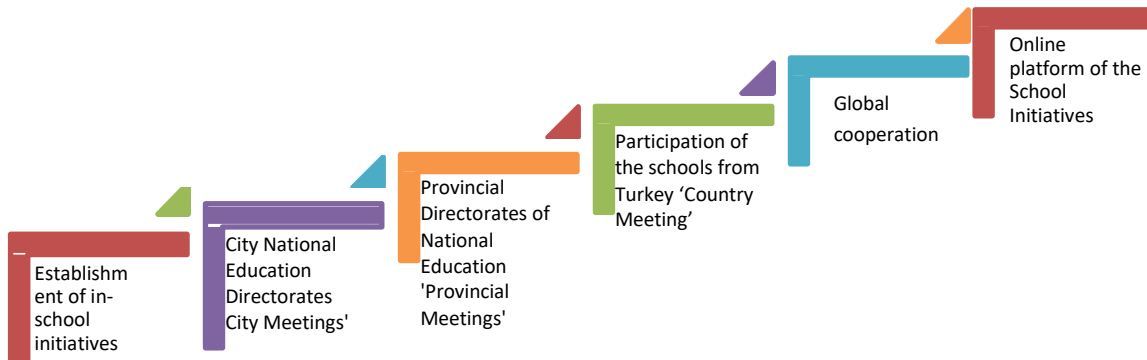
- I. Studies are being carried out to increase the awareness of entrepreneurship in the students, but both these studies should be intensified and awareness-raising activities towards parents should be carried out
- II. Basic entrepreneurship skills must be earned in schools from primary school age
- III. There is a time loss in the implementation of the action after the strategy and policy making studies made or the decisions taken are not put into practice
- IV. The Entrepreneurship Curriculum, which is implemented in schools, should not only be theoretical but also practice-based
- V. Teachers should be encouraged to promote entrepreneurship; in this regard, teachers should be offered entrepreneurship education for their branches and should be allowed to practice in their classes
- VI. Announcements of the entrepreneurship focused project - training - competition etc. applications need to be more effective
- VII. Entrepreneurship should not only be focused on establishing a business, but should also be thought of as a logical and effective way of working.
- VIII. Emphasis should be placed on entrepreneurship in vocational education
- IX. Public institutions should create platforms to share experiences, apart from financial support
- X. Entrepreneurship should be added to the teacher education curriculum at the faculty of education
- XI. Stakeholders, such as NGOs, public institutions and organizations, etc. should work in cooperation
- XII. The way should be paved for the entrepreneurship projects in schools and projects should be sustainable
- XIII. Policy makers' entrepreneurial skills and tendencies should be enhanced
- XIV. The quality and authenticity of business ideas produced in schools should be increased
- XV. The sense of entrepreneurship on the families should be developed in a positive way and entrepreneurship should be encouraged within the family
- XVI. Entrepreneurship education should be mandatory at the primary and secondary level of education and should be designed practically
- XVII. The return of the education and grants and their effect on economic life should be measured
- XVIII. School administrators' entrepreneurial skills should be improved.
- XIX. Work should be carried out in cooperation with other Ministries related to entrepreneurship education
- XX. STEM, coding, robotics and entrepreneurship education should be considered together

Section 3
IN LINE WITH THE VISION 2023,
ENTREPRENEURSHIP EDUCATION IN TURKEY
ON INTERNATIONAL PLATFORMS

Section 3: In line with the Vision 2023, entrepreneurship education in Turkey on international platforms.

At the third section of the Workshop, 'Entrepreneurship Projects' developed by the groups in line with the goal of being a role model on international platforms. These projects are as following.

Group 1: *Intra-school entrepreneurship*



Target Group: High school students and teachers are the main target group of designed project.

Objective: Development of intra-school entrepreneurship by the method of learn by doing.

Process: The focal sector which attracts the youth will be determined primarily. By means of easy access and market volume, this focal sector was identified as "food" at the first stage.

A Board of Directors will be established among students. At this stage, it was aimed to let the students to learn to work with team culture and be familiar with the departments of company.

At the second stage, for the professional development of the students, an Advisory Board will be formed by the teachers with entrepreneurship education and the school management.

Along with the Advisory Board, creation of a group of mentors with the participation of business people is being planned.

The enterprises, which were established at the schools will conduct intra-school activities primarily. Later on, common activities will be carried out to bring together all schools at the levels of city, province and nation.

Additionally, communication will be established with the schools carrying out similar entrepreneurship activities at a global level.

Digitally, a common platform bringing together school enterprise will be created.

Group 2: *Cooperation Protocol*

Target Group: Secondary and high school students

Objective: Combining the forces of public institutions working in the field of entrepreneurship and education and NGOs to ensure that young people grow up entrepreneurially and build successful initiatives.

Process: Developing a curriculum with the 'Protocol for the Development of Entrepreneurship in Schools' to be signed by the Ministry of National Education, KOSGEB and JA Turkey, and implementing pilot programs related to the curriculum and practical entrepreneurship education in middle schools and high schools. Providing follow-up of all students participating in the program with the platform to be created in the framework of the protocol and preventing data loss.

Group 3: *From the faculty to the classroom*

Target Group: Prospective teachers in Education Faculties and high school students

Objective: Creating the entrepreneurship consciousness of the students in the education faculties to ensure that they will raise their students with this awareness when they start to work as teachers after their graduation.

Process: Within the framework of the pilot application, information, health, electronics and agricultural sectors will be identified as the focus sectors.

Teachers with some education and expertise in these areas will receive practical entrepreneurship training.

In addition to the training program, practical entrepreneurship programs will be developed by the Ministry of Science, Industry and Technology at the vocational high schools established in the industrial zones, and both teachers and students will develop product prototypes of their business ideas and they will experience basic entrepreneurship for which they will carry out marketing and sales activities.

Group 4: One step ahead

Target Group: Vocational high school students

Objective: To increase the productivity and employability of young people who are composed of 1.3 million people, have vocational training and can not find a place in the industry as productive work force

Process: Industrial institutions will transfer their problems to the vocational high schools, and students will develop solutions for these problems.

Mentorship Process: The mentorship process consists of two main stages.

Technical Mentorship: Industrial institutions that transfer their problems will provide mentorship for students in the process of business idea development.

Business mentorship: Teachers and school administrations will provide students with technical mentorship in the business idea development process. In this process, mentorship training will be given to teachers and school administrators.

Parent Awareness Study: Non-governmental organizations will explain families that entrepreneurship is a career option and entrepreneurship and entrepreneurial thinking will be encouraged among young people.

Group 5: *Imagine It Happens*

Target Group: All students at K12 level

Objective: Encouraging children to create awareness of social problems and to imagine in order to find solutions for them

Process: First of all, sample sector and / or problem will be detected. As a first application, the 'Recycling Efficiency' title suggests that children design a 'Recycling Company' for a greener and cleaner world.

Children will design a mini company within the framework of the perspective mentioned above. In order to spread the program, the Ministry of National Education - EBA (<http://www.eba.gov.tr/>) platform will be announced to all teachers.

It is aimed to provide financial resources from NGOs and related government and private institutions.

Group 6: *I am a Social Entrepreneur*

Target Group: High School Seniors

Objective: With the cooperation of school, NGOs and the business sector, the youth will define local social problems, find solutions and design a social enterprise.

Process: It is based on high school seniors identifying their social problems and needy groups in their regions, creating teams for social innovation for them, and putting into practice their business ideas. From this point of view, groups created by high school students will design their own social initiatives within the framework of a predesigned business plan and make them real in their immediate surroundings.

Projects of young people will be evaluated by members of the business community, non-governmental organizations and public institutions, and development proposals will be presented.

Incomes generated from the business idea will be donated to schools and continue to be used for educational expenses.

Pilot implementation of the project will begin with training of trainer primarily for teachers in selected schools. Education will be fully practical and teachers will first produce and present their own projects.

PHOTOS FROM THE WORKSHOP



Barış Tezcan
Chairman of the Board, JA Turkey
Opening Remarks



Assoc. Prof. Dr. Mustafa Hilmi ÇOLAKOĞLU
Deputy Undersecretary, Ministry of National Education
Opening Remarks



Caroline JENNER
CEO, JA Europe
Opening Remarks



Seçil ÇELEBİ
CEO, JA Turkey
Opening Remarks



Workshop Groups: Idea Production Activities and Presentations.



Workshop Groups: Idea Production Activities and Presentations.





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