



Intregation to Competitive Europe Through VET



Report of the fifth project management meeting
Ankara - TURKEY

10th-11th June 2019

Host Institution:

Çubuk

Vocational Training Center Ankara/Turkey 2019



About IceVet

IceVET, *Integration to Competitive Europe Through VET*, is a project among partners from Turkey, Spain, Poland, Italy and Greece that aims to generate a strong consciousness about innovation and competitiveness and their impact to employability and global market conditions among all VET actors in partner's regions beside participant institutions.

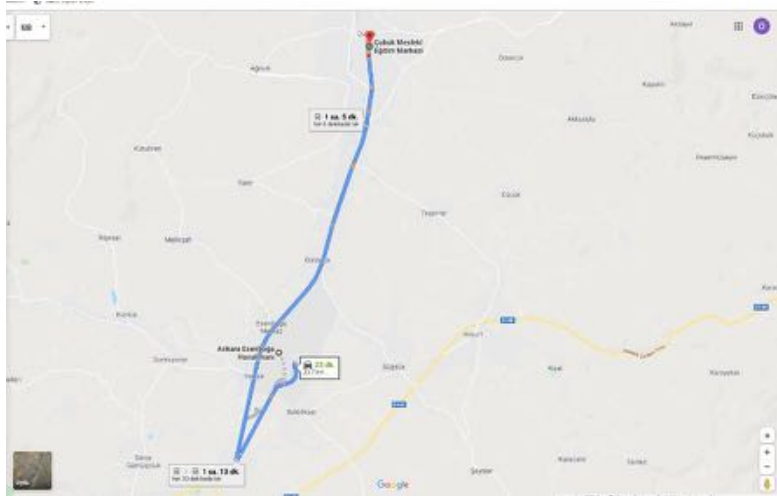
In order to raise awareness of the importance of innovation and competitiveness and their impact to employability, IceVET project has many innovative and unique activities which will be carried out in project. These activities include investigation on the best practices regarding the issues innovation and competitiveness in VET systems in the world, constitution draft curriculum for Innovation training in VET schools, determining innovation and competitiveness perceptions of VET students, teachers, managers and employers in target regions. Additionally it will be draft a policy paper for innovation and competitiveness approaches for EU 2020 is another strong objective of IceVET project. All objectives are feasible and sustainable essence. IceVET objectives support EU 2020 targets directly by means of common approach to innovation and competitiveness perceptions.

Partners

1. Cubuk Mesleki Egitim Merkezi - **Turkey - Coordinator**
2. Çubuk İlçe Milli Eğitim Müdürlüğü-**Turkey**
3. 2nd Epal of Trikala - **Greece**
4. Italian National Research Council (CNR) - Institute for Educational Technology (ITD) - **Italy**
5. Profin Business Partner Sp z o. o.- **Poland**
6. Spanish Confederation of Education Centers (CECE)- **Spain**

Host Institution:

Çubuk Vocational Training Center Yıldırım Beyazıt,
Defne Sokağı No:2, 06760
Çubuk/Ankara



Meeting Place: Çubuk Vocational Training Center

Three participants from Greece, one participant from Poland, one from Spain attended the fifth project management meeting on 10th-11th June 2019, in Ankara - TURKEY

Participants:

1. **Murat ASLAN** - Çubuk District Directorate for National Education -Turkey
2. **Özgün DEVRİM** - Çubuk District Directorate for National Education-Turkey
3. **Kerem ÖZTÜRK** - Çubuk District Directorate for National Education-Turkey
4. **Hasan ÜZÜM** - Çubuk Vocational Education Center-Turkey
5. **Halil TÜRK**- Çubuk Vocational Education Center-Turkey
6. **Özlem MUSLU**- Çubuk Vocational Education Center-Turkey
7. **İlhan DİŞÇİ**- Çubuk Vocational Education Center-Turkey
8. **Aynur MOCAN**- Çubuk Vocational Education Center-Turkey
9. **Ümmügül AVCU**- Çubuk Vocational Education Center-Turkey
10. **Evangelia Sarrou** - 2nd Epal of Trikala – Greece

11. **Panagiota Papageorgiou** 2nd Epal of Trikala - Greece
12. **Alexandra Plexida** - 2nd Epal of Trikala - Greece
13. **Maciej Kielbasinski** - Profin Business Partner Sp z o. o - Poland
14. **Francisco Martins**- CECE-Spain

Meeting Agenda

Date	Time	Activity	Place
09th June 2019 Sunday	---	Arrival, Transport to the Hotel	
	20:30	Welcome Dinner-Kavaklı Restaurant	ANKARA-CENTER
10th June 2019 Monday	07:30-08:30	Breakfast	HOTEL
	09:00-09:45	Assessment of IceVET project	Cubuk Vocational Education Center
	09:45-10:00	Coffee Break	Cubuk Vocational Education Center
	10:00-10:30	Documents required to be completed by icevet partner countries	Cubuk Vocational Education Center
	11:00-11:30	Visiting the District Governor	ÇUBUK
	11:30-12:00	Visiting the Mayor of Çubuk	ÇUBUK
	12:00-14:00	Lunch-Yayla Karadeniz Restaurant	ÇUBUK
	14:00-17:00	Employer visit-Nüve	ANKARA-CENTER
	17:00-19:30	Tour to historical places at center	ANKARA-CENTER
	20:00	Dinner-Hamamönü	ANKARA-CENTER
11th June 2019 Tuesday	07:30-08:30	Breakfast	HOTEL
	09:00-12:00	TOUR TO CEZERİ GREEN VOCATIONAL AND TECHNICAL HIGH SCHOOL	ANKARA-CENTER
	12:00-14:00	LUNCH-Hacı Baba	ANKARA-CENTER
	14:30-16:30	MTA-Energy Park	ANKARA-CENTER
	16.30-19:30	FREE TIME	ANKARA-CENTER

	20:00	Dinner-Certificate Ceremony	ANKARA-CENTER
12th June 2019 Wednesday	07:30-08:30	Breakfast	HOTEL -
	09:00-10:00	Registration to Dissemination Meeting	ANADOLU HOTEL Conference Hall
	10:00-10:15	Violin Concert	ANADOLU HOTEL Conference Hall
	10:15-11:00	Opening and Protocol Talks	ANADOLU HOTEL Conference Hall
	11:00-11:20	Coffee Break	ANADOLU HOTEL Conference Hall
	11:20-11:30	IceVET Project Introduction Video	ANADOLU HOTEL Conference Hall
	11:30-12:30	Introduction of the project	ANADOLU HOTEL Conference Hall
	12:30-13:00	Innovation Applications	ANADOLU HOTEL Conference Hall
	13:00-14:00	Lunch	ANADOLU HOTEL Conference Hall
	14:00-15:00	Presentation of Project Intellectual Output	ANADOLU HOTEL Conference Hall
	15:00	Closing	ANADOLU HOTEL Conference Hall
	E1-Dissemination Meeting		

1st Day

Integration to competitive Europe through Vocational Education Training(IceVET)'s the fifth management meeting was held in Turkey,Ankara,Çubuk Vocational Training Center which is a coordinator institution. In this context,all planning of the transportation and accommodation organizations of the partner institutions invited to our city was realized under the coordination of Çubuk Vocational Training Center Manager Hasan Üzüm.On 8 June 2019, three participants from Trikala,Greece arrived at Ankara Esenboğa Airport. Coordinator institution officials provided transfers to Termal Anadolu Hotel.Our Spanish partner came to Esenboğa Airport on 09.06.2019 and attended welcome dinner.Our Polish partner arrived to Ankara on 10.06.2019 due to lack of air tickets.Our Italian partners informed us via e-mail about not attending to Turkey meeting because of coinciding schedule.

In the evening of the same day,the opening of the project meeting was held with a nice dinner at Kavaklı Restaurant on the way to the airport.The visitors were warmly welcomed by the director of Vocational Education Center ,Hasan Üzüm.

**2nd Day**

All the participants were in the hall of Çubuk Vocational Training Center Directorate.IceVET project was evaluated.Focused on the latest aspects of intellectual output.Innovation and Competitiveness Course draft curriculum was examined and suggestions were evaluated.A scientific paper was prepared which includes survey results of students,teachers,employers about perceptions of competitiveness and innovation in vocational education and this article and the studies that are done until that day were presented by our Italian partner at the 11th International Conference on Edulearn-19 Education and New learning Technologies in Palma de Mallorca,Spain.



During the coffee break, coffee, tea and traditional Turkish dishes were offered to our partners.

Before leaving school we had a short tour in school and the guests had the opportunity to talk with students and teachers and visit classrooms, computer labs and laboratories.

The visit to district governor was cancelled due to non-compliance.Çubuk District National Education Director accepted partners from IceVET countries in his office.



We went to Yayla Karadeniz Restaurant where traditional dishes from the Black Sea region were made on Çubuk Road for lunch.



Nüve company which produces on laboratory and sterilization technology was visited after lunch. During the visit, headed by Hasan Üzüm, they gave information about Nüve's history, product portfolio, addressed sectors, the domestic and international markets where the brand is located, the presentation of Nüve's R&D and innovative approach, factory's production process. They also show the process of product in factory with tour. Employer visit which is a good example for vocational training, seeing practices, examining R&D and innovative practises in their place gave participants a good day and experience





Dinner was eaten at Hanzade Restaurant servicing traditional Turkish food in the center of Ankara's historic Hamamönü.



3rd Day

We visited Cezeri Yeşil Technology Vocational and Technical Anatolian High School in Etimesgut district of Ankara. The school principal Mustafa AYDIN; “While we were making the project, which costs 23.600.000 TL as a part of an investment project, we followed the guideline of “Improving Energy Efficiency of Buildings”, which is implemented by Ministry of Energy and Natural Sources and General Directorate of Renewable Energy and gets financial support from United Nations Development Program and Global Environment Facility. The school as a whole is composed of a schoolhouse, a hostel and a sports hall. In detail, the school is composed of 18 classrooms, 10 workplaces, 6 labs and a hostel that has 148 beds.

It has solar electric system and wind turbine as renewable energy sources. Those sources will meet the needs for 80% energy consumption of Cezeri Green Technology Vocational and Technical Anatolian High School; plus, thanks to the technology it has, it provides energy saving by using the energy efficiently. As a Thematic Vocational and Technical Anatolian High School, we only provide education in Renewable Energy Sources, Solar Energy Systems and Wind Energy Systems. We have

workplaces and labs by the help of the project “Renewable Energy Sources and Technology Education in Vocational and Technical Education”, which is supported by Ministry of Development. Cezeri Green Technology Vocational and Technical Anatolian High School is composed of a head teacher, an assistant to the head teacher, 2 assistant principals, 17 teachers, 2 officers, 2 technicians, 3 employees and a security guard (29 in total),” he continued his speech. Classes in the school are builded by Assistan Principal İlker Erkmen and students who get education in the school.



We went to Migros-Ankamall for lunch. IceVET Project Participation Certificates were distributed. After the lunch, some trips to the General Directorate of MTA Şehit Mehmet ALAN Energy Park and Şehit Cuma DAĞ Natural History Museum, places for the kids and the youth to learn by experience, were organized.

At the first Energy Park of our country, specialist guides gave information about our country's potential energy resources such as water, solar and wind and types of minerals, the means of production of energy in order to make our understanding of the richnesses of our country and the place of energy in our daily life easier and the production and efficient usage of energy resources.



Wind Energy; How is electrical energy obtained from wind turbines?

Solar Energy; How does the system, which provides us hot water thanks to solar energy that we build on the roofs of our houses, work?

Geothermal Energy; How does the heat accumulated in the rocks in the depths of the earth turn into hot water and steam energy by being carried to the earth's surface through the liquids?

Hydroelectric Energy; How is electricity generated from hydroelectric power plants?

The answers of these questions are demonstrated on the real models.

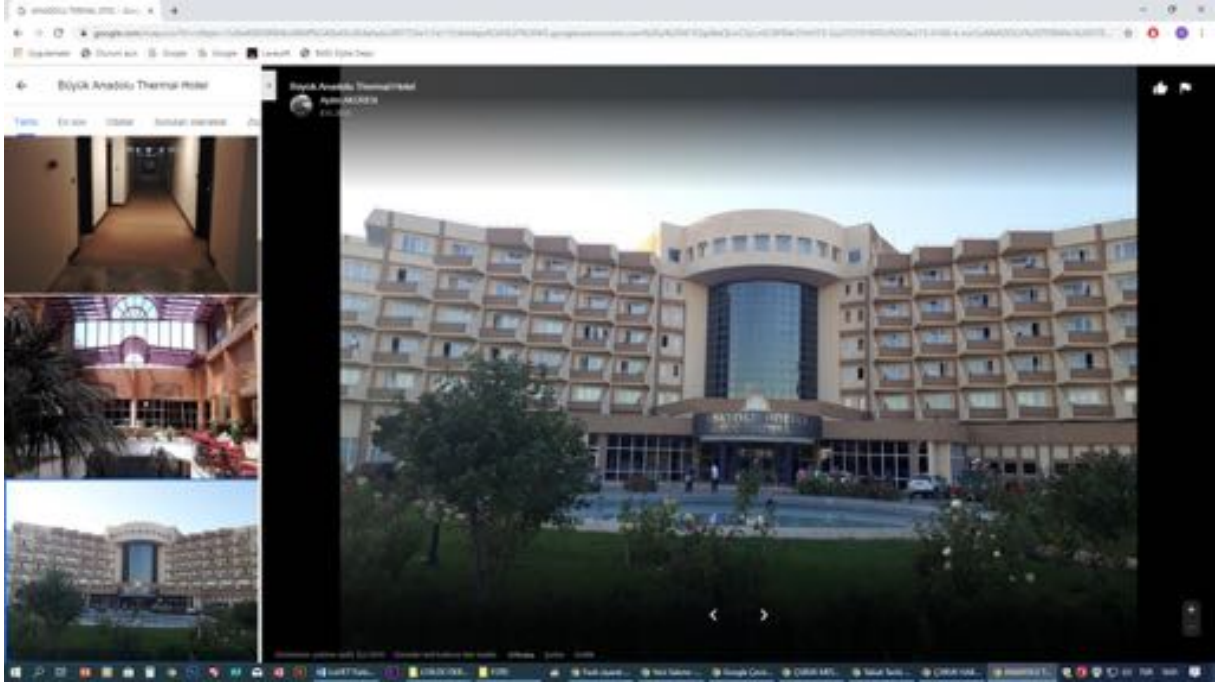
Şehit Cuma Dağ Natural History Museum was put into service in 1968 by General Directorate of Mineral Research and Exploration at the behest of Atatürk. The museum, which is situated in General Directorate of Mineral Research and Exploration and is founded on an area of 4000 m², consists of five sections and involves three floors. On the first floor, it includes plant and animal samples that lived in the past and are still living in our country. On the ground floor, there are roughly 6,400 kinds of fossil materials.



4th Day Dissemination Meeting

Çubuk Vocational Education Directorate organized (**Integration to competitive Europe through VET**) Erasmus, IceVET +Vocational Education Strategic Partnership Project 's **“International Dissemination Meeting”** at **Büyük Anadolu Termal Hotel**(Büyük Anadolu Termal Hotel is 3 km to Esenboğa International Airport, 7 km to Akyurt town center).In this way,they gather 6 vocational education institutions and organizations from 5 countries Officials from universities,local,regional and national actors of vocational education,employers and NGO representatives,MoNE representatives,vocational education institution directors and school directors participated to the meeting.

103 local and foreign guests participated to **IceVET Project's “international dissemination meeting”**.Interest was too high to meeting and **Ümmügül AVCU,Vocatioanal Education Center Teacher** emceed.



These are the participants to the meeting **organized by Çubuk Vocational Education Center Directorate.**

Ankara Yıldırım Beyazıt Universty Director of Vocational School of Health Services Professor Dr Aytunç ATEŞ, Minister Representative Dr. Taner AŞÇI; Polond partner Profin Consulting Competent Maciej KIELBASINSKI, Çubuk Tax Office of Director Nevzat ÖZYOLCI, Çubuk District National Education Deputy Manager Şenol AĞBABA, Çubuk Mayor Plan and Project Director Hüsrev ÇÜGEN, Çubuk Platform Association President Journalist Şuayip YAMAN, Çubuk President of the Federation of Associations Recep TAŞ, Çubuk Tradesman and Artisans Confederation President Celalettin Rumi TÜRKÖĞLU, Çubuk Metal and Woodwork Affairs of Craftsman's Association President Satılmış KOÇAK, Çubuk Association of Nature Lover President Ressam Halil Basri ULUĞ, Yıldırım Beyazıt Associations Federation President Ramazan AKPINAR, Çubuk Groceries and Dealers Office President Harun YAZICI, Turna Technology Chairman Entrepreneur Ömer Faruk KAYAASLAN and school and institutions directors and students.



District Governor Uğur SEZER, District Mayor Attorney Baki DEMİRBAŞ and District National Education Directorate Murat ASLAN invited to the meeting, stated that they couldn't attend to the meeting because of their excuses and wished the meeting would be successful.

Violin Orchestra, consisting of Çubuk Yavuz Selim Secondary School Students performed music concert for the guests under the direction of Müstadin ŞAHİNBAŞ. Yavuz Selim Secondary School Violin Orchestra played popular songs of Turkish classical music with the instruments like violin, piano and tumba under the direction of Music Teacher Müstadin ŞAHİNBAŞ and they captivated all the guests. They almost blew nostalgia with these songs: **Fikrimin İnce Gülü**, **Ne Çıkar Bahtımıza**, **Lale Devri**, **Akın Kanunu**, **Firuze**, **Damarımda Kanımsın**, **O Aşına Bakışlar**, **Bir Garip Yolcu**, **İntizar**.

Music Teacher Müstadin ŞAHİNBAŞ, "We have composed our orchestra in a short time with master-apprentice relationship. Our students have played ten valuable works of Turkish Classical Music today. Our goal is to play more. I am proud of my students. In fact each student should play at least one instrument.



Çubuk Vocatioal Education Center Director and IceVET Project Coordinator Hasan ÜZÜM;started meeting by telling “**the focus of the IceVET project is innovation and competitiveness**”

“One of the priorities of the IceVET project is to make a strong contribution to expactations of innovation and competitiveness of the VET system in the European Union.The aim of this project is to raise awareness about the culture of innovation and competitiveness in teachers,students,employers and vocational educational institutions who are the main factors in vocational education and training.

In **transnational** project management **meetings;**

Preparation of project management and document ,at least 1 vocational training institution and 1 employer visit,local and regional managers and training actors were visited.

At the first meeting held in Greece-Trikala,the project partners introduced their institutions,duties and responsibilities in the project and work schedule was prepared.The 5th and final meeting of project study was held in Turkey.



As Çubuk vocational education center, We successfully have completed lots of international projects in order to fulfill our mission and provide new opportunities for our teachers and students in the field of vocational education and training with more effort.

Our directorship that is open to all kinds of innovation and cooperation at local, national and international level to support the vocational education and take its rightful place, has increased its institutional capacity to the highest level with the project outputs obtained within the scope of IceVET project.

IceVET project, which is developed (formed) by blending our institution's previous experiences with the 2023 targets of the ministry, has given our directorship different perspectives as a public institution.

The partnership, which is carried out under the international coordination of our Directorship and consisting of 2 institutions from our country and 4 institutions and organizations from Italy, Spain, Poland and Greece, has reached the final stage of its 2-year work.

We are glad to be in your presence with our project outputs, which are prepared with an international background and which we think it will make a modest but valuable contribution to the vocational education process in our country.

In this context, with the research study of perception of innovation and competitiveness in the world that we have prepared, we had the chance researching the perspective of the countries that lead the innovation and carry their competitiveness power to the top.

In addition, with the survey conducted with 500 teachers, students and employers in 5 partner countries, we tried to determine the perspectives of the actors in the field of vocational education and training towards innovation and competitiveness among the partner countries.

We aimed to make a small but valuable contribution to the academic community by sharing our experiences with an international article prepared by blending our gained results in a training conference, named Edulearn 2019, which will be held in Spain with the participation of 800 participants from 80 different countries.

In addition to all these studies, I would like to express my pleasure to have created the innovation and competitiveness curriculum in order to contribute to the perception of innovation and competitiveness in our country from the first years of education and now share with you.

Based on the experiences of all partner countries, this curriculum study will be formally recommended to the education ministries and competent authorities in their countries through our project partners. After the final examination and arrangements, it will be officially sent to the Ministry of National Education in our country.



After two years of intensive and exhausting projects, the happiness of giving innovative perspective to our children and young people who will shape our future, with our project outputs and leading our vocational education institutions will inspire us to make new and bigger works.

I would like to thank our project partners who contributed to this process and we are happy to work together, for their hard work and dedication.

The aim of the project is to prepare our children and young people for the future; to gain them as a useful and beneficial individuals to their families, society, and the state.

In this opportunity, I would like to express my gratitude to Mr. Ugur SEZER, our District Governor, who has supported us both in the IceVET project and in local , national and international projects and activities, and encouraged us to sign new works, our mayor lawyer Mr. Baki DEMIRBAS, Mr. Murat ARSLAN, who is our national education director for their support here. I would like to thank the ministry representative ,Taner Asci who has always contributed and supported us in our projects, Fatih sultan mehmet vocational and technical high school english teacher Ozlem Muslu , who provided her full support in the preparation of transnational meetings, documentation and translation of the correspondence made by e mail , Yavuz selim secondary school vilolin orchestra and music teacher Mustadin Sahinbas , who lent color to the program with his concerts in here, and also I would like to thank all my colleagues who contributed effectively to our work and the participants who attended to our meetings.

Çubuk District National Education Directorate R&D unit international project specialist Özgün Devrim who provided information about the project activities carried out between 2017-2019, shared all the project outputs and results with the participants in his presentation.



District Deputy Director of national education Şenol Ağbaba ,stake holder of the project stated that the outputs obtained by the IceVET project will be used in the educational institutions of our district.**He stated his gratitude to** Project Coordinator Mr Hasan (ÜZÜM) ,**Ministry Representative** Mr Dr. Taner (AŞÇI) , District National Education Directorate R&D specialist Mr Özgün (DEVİRİM) and also to everybody who makes effort.



Turna Technology Chairman Entrepreneur Ömer Faruk KAYAASLAN stated that innovation is the name given to the process of a company's developing different, varied or new ideas and transforming these ideas into a commercial benefit. He informed the participants about "**Innovation in Informatics**" and gave examples about the developing process of informatic. He also noted that competitiveness and innovation education in the IT sector are important elements in facilitating the adaptation of our students to competitive markets.



KAYAASLAN, emphasizing the importance of innovation which forms the basis of competitiveness said that innovation is the key to development, sustainable economic growth and social welfare. The increase of innovative activities and innovating enterprises affect the quality of life and welfare directly.

It increases the competitiveness of a country.

It decreases the unemployment rate.

Entrepreneur KAYAASLAN provided broad information about the relations between innovation and informatics in his speech.

What is innovation? One can find solution and identify the needs

Innovation is not invention and discovery.

Discovery is the understanding of what exists, but the invention is the creation of non-existent. Because innovation can be found in any areas of life.

Technology areas are hazy areas for innovation.

The innovation initiative is made from a perspective.

Innovation must be commercialized and marketable.

How is innovation made?

You must know what you are doing.

- There must be awareness,
- You have to rely on your determination to work not to coincidence.
- Innovation in Informatics (Examples from companies like Apple, Geogle, Huawei .)
Informatics is open to innovation due to its natural.However we cannot say innovation to everything to be done.

There is no innovation in project based jobs.Existing systems are transferred to the environment.Innovation is mandotory in product based works.It is the innovation that makes the product stand out among its competitors or to be sold.Everything can be seen as innovative in informatics.People who are distant to the field of informatics may think that everything they hear about the field of informatics for the first time is innovative.

Innovation and R&D is one of the expected outcomes of innovation and R&D process
He also expressed that the general purpose of the chairman of the communication commission is not to sustain the company but to expand abroad.

“2017-2019 Closing Speech ”

Project coordinator,Hasan Üzüm,answering questions of participants about project study and the processes of project preparations highlighted the importance of the project writing process due to strong demand from schools and institutions all over Turkey stating that there is an extraordinary competition.

Project Coordinator ÜZÜM:The projects come into existence with meetings.We had problems about foreign languages.Unfortunately,we were the only country who has problems about language among other 4 countries.Özlem Muslu,Fatih Sultan Mehmet Vocatioal and Technical High School English Teacher supported and helped us about this matter.Thanks to her.

Because you have to make translations in the scope of the projects.Mrs Muslu was very helpful in this matter.I would like to thank again those who contributed to the project.

Ministry representative, Dr Taner Aşçı,giving information to participants about project study and project preparation process highlighted the importance of the project writing process due to strong demand from schools and institutions all over Turkey stating that there is an extraordinary competition.



“Catering and Promotion”

During the event which ended with lunch and closing, all project intellectual outputs were distributed to the participants in the form of printed materials and promotions. The dissemination meeting ended with the lunch given to the participants in the hotel restaurant.



Links for dissemination

<https://www.nuve.com.tr/Haberler/Erasmus-programi>

http://cubukmeslekiegitim.meb.k12.tr/icerikler/merkezimizin-ab-projesi-yayginlastirma-toplantisi_7616740.html

<http://www.cubukhaber.com/cubuk-mesleki-egitim-merkezinden-yayginlastirma-toplantisi-14117h.htm>

<http://cubukhaber.com/cubuk-mesleki-egitim-merkezinden-yayginlastirma-toplantisi-14117h.htm>

<https://cubuk.meb.gov.tr/www/erasmusdays-2019-etkinlikleri-tamamlandi/icerik/987>

<https://cubuk.meb.gov.tr/www/icevet-projesinin-kapanis-ve-yayginlastirma-toplantisi-gerceklestirildi/icerik/939>

<http://www.cubukhaber.com/erasmusdays-2019-etkinlikleri-tamamlandi-14240h.htm>

http://cubukmeslekiegitim.meb.k12.tr/icerikler/erasmusdays-2019-etkinlikleri_7886421.html

http://cubukmeslekiegitim.meb.k12.tr/icerikler/mesleki-egitim-ve-ogretim-yoluyla-rekabetci-avrupa_7850401.html

<http://www.sanalbasin.com/cubuk-mesleki-egitim-merkezinden-yayginlastirma-toplantisi-32292445/>

<https://www.cubukaksiyon.com/erasmusdays-2019-etkinliklerinde-cubukta-yer-aldi/>

No participants from Italy, three participants from Greece , one participant from Poland, one from Spain and six participants from Turkey attended the first project management meeting on 09th-12th June 2019, in Ankara/TURKEY