



This project is co-financed by the European Union
and the Republic of Türkiye

STEERING COMMITTEE MEETING #1

**Technical Assistance for
A Smart Network for Technology Transfer and Commercialisation
with Funnel Model SMARTNET
TR14C2.2.05-04/001
EuropeAid/140284/IH/SER/TR**

27 October 2022, Istanbul



This project is co-financed by the European Union
and the Republic of Türkiye

CONTENT OF THE PRESENTATION

1. Welcome Remarks – Introduction
2. Opening Speeches
3. Presentation by the Team Leader
 - *General overview about SMARTNET Project*
 - *Project Progress – Brief on activities and tasks completed and ongoing*
 - *Planning – Brief on activities planned to be implemented*
 - *Cooperation and collaboration possibilities*
4. Other discussion items
5. Closing Remarks



This project is co-financed by the European Union
and the Republic of Türkiye

Overall Contract Information

- **Name of the Project:** *Technical Assistance* for A Smart Network for Technology Transfer and Commercialisation with Funnel Model SMARTNET
- **Duration :** 36 months
- **Contract Value:** 2,498.000 EUR
- **Type of the Contract:** Global Price
- **Contracting Authority:** Ministry of Industry and Technology
Directorate General for European Union and Foreign Affairs
Directorate of EU Financial Programmes

- **End Recipient of Assistance (ERA):** Yıldız Technical University
- **Project Partners:** Istanbul Technical University (Istanbul)
Gebze Technical University (Kocaeli)
Hasan Kalyoncu University (Gaziantep)

- **Contractor-Consortium Leader:** SwanLeuco Consulting (Turkey)



This project is co-financed by the European Union
and the Republic of Türkiye

Overall Objective and Purpose

❖ Overall objective:

Increasing qualified intellectual properties (IP), technological products and service capacity, commercialization, and export potential of Turkey by improving efficiency and cooperation among TTIs.

❖ Purpose:

Establishing effective cooperation between TTIs for development of technology transfer and commercialization activities through artificial intelligence based smart network and technology acceleration application.

❖ Results:

1. TTI Network was established, and the institutional infrastructure was developed,
2. Acceleration, Commercialization and Accessing Funds realized with Pilot Application.



This project is co-financed by the European Union
and the Republic of Türkiye

Main Indicators

Result	Activity	Sub-Activity	Output Indicators	Target
R2: Acceleration, Commercialisation and Accessing Funds realized with Pilot Application	2.1	2.1.1	Capacity Building Training for Mentors provided	1
	2.2	2.2.1	Call for Proposals launched for the determination of Entrepreneurs and SMEs for Accelerator Programme	4
		2.2.2	Number of Entrepreneurs/SMEs received Capacity Building Trainings	300
		2.2.3	Number of Entrepreneurs/SMEs received mentoring services	100
	2.3	2.3.1	IP Commercialisation services provided	1
		2.3.2	Access to Finance services provided	1
	2.4		National Angel Investment Fund Feasibility Study conducted	1



This project is co-financed by the European Union
and the Republic of Türkiye

What does
SMARTNET Project
mean to us?

- More cooperation,
- More collaboration,
- More consolidation,
- More commercialization,
- More internationalization,
- More open innovation,
- More deal-flows,
- More unicorns,
- And imagine all these multiplied with artificial intelligence.



This project is co-financed by the European Union and the Republic of Türkiye

Innovation Ecosystem



Startup Ecosystem



What is really changing in the
GLOBAL ECOSYSTEM?

The Ecosystem



This project is co-financed by the European Union and the Republic of Türkiye

TURKISH STARTUP ECOSYSTEM MAP V1.2



Publishing date: 02.05.2022

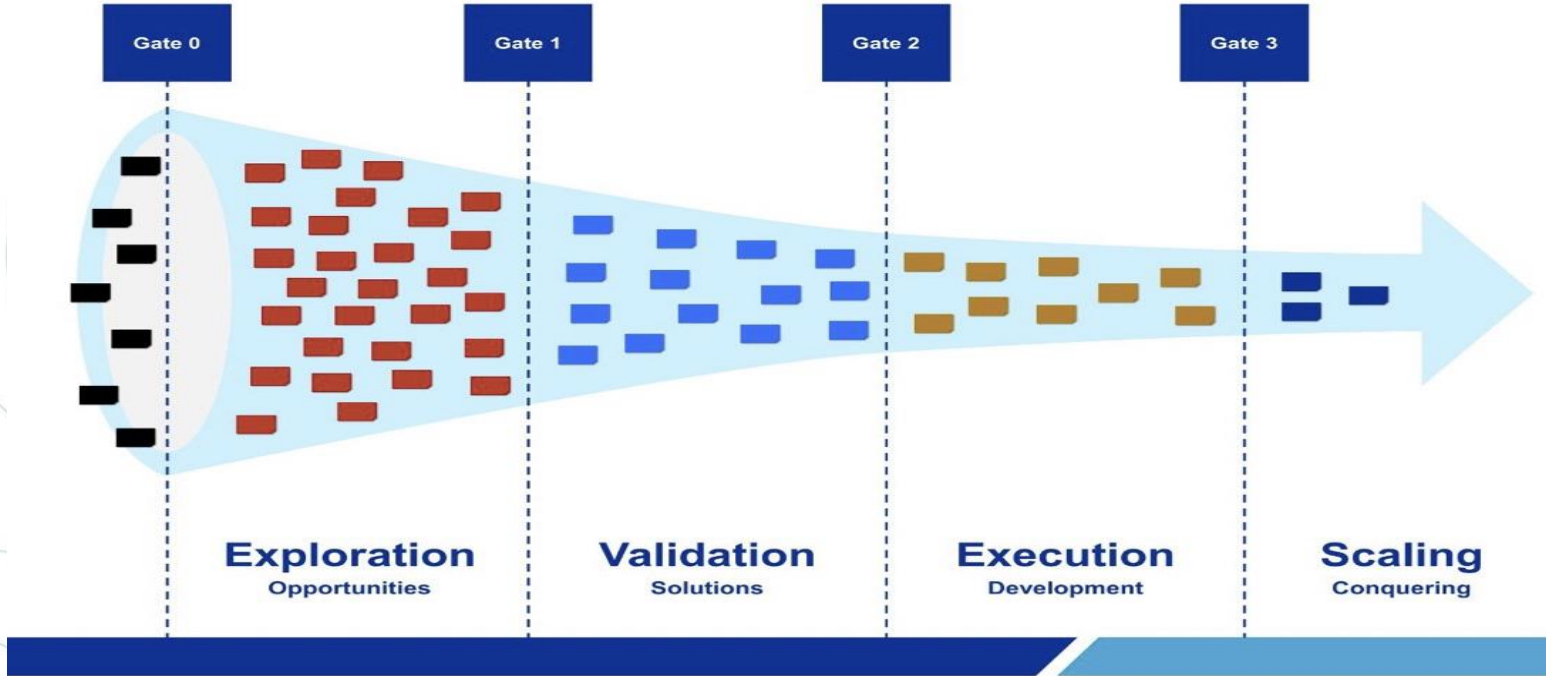
*If you want to add a player to this map, send us an e-mail: data@startupcentrum.com



Innovation Funnel



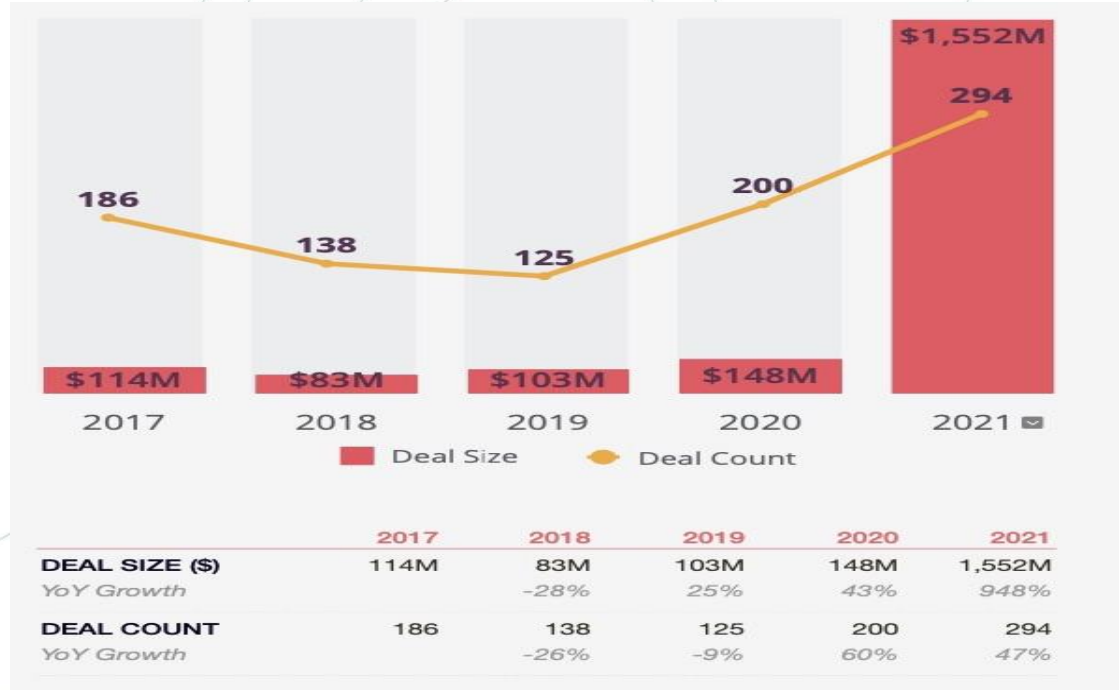
This project is co-financed by the European Union
and the Republic of Türkiye





This project is co-financed by the European Union and the Republic of Türkiye

Deal-Flow in Türkiye:





This project is co-financed by the European Union
and the Republic of Türkiye

RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
1	London	27.97B	1428
2	Berlin	12.98B	490
3	Paris	10.81B	407
4	Stockholm	7.42B	181
5	Amsterdam	4.89B	157
6	Munich	4.12B	124
7	Manchester	2.27B	48
8	Barcelona	2.24B	195
9	Cambridge	1.76B	69
10	Copenhagen	1.62B	101
11	Madrid	1.55B	135
12	Oxford	1.54B	52
13	Istanbul	1.49B	218
14	Helsinki	1.41B	89
15	Vienna	1.39B	59

Ranking;
up from 33rd
to 13th in 2021.



This project is co-financed by the European Union
and the Republic of Türkiye

ANGEL & VC DEALS IN EUROPEAN CITIES IN 2022-H1

RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
1	London	13B	685
2	Paris	5.8B	186
3	Berlin	3.8B	200
4	Istanbul	1.4B	109
5	Talinn	1B	41

GAMING DEALS IN EUROPEAN CITIES IN 2022-H1

1	Istanbul	333M	13	
2	London	138M	11	
3	Oslo	60M	2	
4	Helsinki	53M	2	
5	Stockholm	16M	3	

ANGEL & VC DEALS IN TURKEY' CITIES IN 2022-H1

1	Istanbul	1,354M	109	
2	Ankara	35M	20	
3	Kocaeli	2M	4	
4	Izmir	1M	2	
5	Eskisehir	1M	2	

Istanbul is the 4th largest
ecosystem in Europe
as per deal-flows.



This project is co-financed by the European Union
and the Republic of Türkiye

Kick-off meeting was carried out on the 25th of May, 2022 and the outputs were finalized and shared with the participants.





This project is co-financed by the European Union
and the Republic of Türkiye

Office mobilization
has been finalized.





This project is co-financed by the European Union
and the Republic of Türkiye

PROGRESS UP TO DATE

- ✓ Draft Inception Report was prepared and submitted.
- ✓ A Workshop was held on the framework of the Inception Report.
- ✓ Inception Report was revised by the feedback of the ERA and CA.
- ✓ 15 Weekly and 3 Monthly meeting were done, reports were prepared and sent to relevant parties.
- ✓ 2 IT Focus Group Meetings were held; one with various stakeholders and the other with senior start-up mentors.
- ✓ Partner universities and key stakeholders were visited in Gaziantep, Kocaeli, Kayseri, Ankara, Bursa, Izmir and Istanbul.
- ✓ First round expansion strategy was put in place with visits of 'Top 10 Research University' visits.
- ✓ All necessary preparations were done for the Opening Ceremony. Date to be finalized by the Ministry of Industry and Technology.
- ✓ Corporate Identity has been prepared.
- ✓ Social Media accounts have been opened and relevant content is being developed.
- ✓ Promotional Materials are designed and about to be produced.



This project is co-financed by the European Union
and the Republic of Türkiye

PROGRESS UP TO DATE



PROGRESS UP TO DATE



This project is co-financed by the European Union
and the Republic of Türkiye





This project is co-financed by the European Union and the Republic of Türkiye



Admin order is necessary for the promotional materials.



This project is co-financed by the European Union
and the Republic of Türkiye

The «Technology»



This project is co-financed by the European Union
and the Republic of Türkiye

SOFTWARE DEVELOPMENT FRAMEWORK

- .NET Core 5
- HNB Core F/W

SOFTWARE DEVELOPMENT LANGUAGES

- C# - Backend
- JS - Frontend
- Python - AI &
Decision Support

THE DATABASE SYSTEM

- MS SQL Server
- PostgreSQL
(Optional)

TOOLS, LIBRARIES & COMPONENTS

- RabbitMQ
- EF Core
- Dapper
- Postsharp
- EvoPDF
- OpenXML
- HtmlAgilityPack
- RestSharp
- React



This project is co-financed by the European Union
and the Republic of Türkiye

The «Team»



This project is co-financed by the European Union
and the Republic of Türkiye

SOLUTION ARCHITECH

- Baha Tosun (Sr.)

BUSINESS/PROCESS ANALYSIS

- Erkan Kamazoğlu (Sr.)
- Sema Akyasan (Jr.)

SOFTWARE DEVELOPMENT

- Serhat Külcü (Lead)
- Yasin Çetiner (Sr.)
- Berk Tezler (Sr.)
- İrem Şahin (Jr.)
- Taha Şahin (Jr.)

QUALITY ASSURANCE & TESTING

- Derya Gökyer (Sr.)
- Melis Kalkan (Jr.)



This project is co-financed by the European Union
and the Republic of Türkiye

The «Plan»



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

2022

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

2023

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

2022

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

2023

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

2022

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

2023

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



This project is co-financed by the European Union
and the Republic of Türkiye

Smartnet Platform

«Artificial Intelligence Based TTI Network Software Platform»

MANAGEMENT INFORMATION SYSTEM
(MIS)

WEB
PORTAL

MODULE 1
Entrepreneurs
Management

MODULE 2
Mentors
Management

MODULE 3
Investors
Management

MODULE 4
IP
Management

MODULE 9
CMS (Project
Web Site)

MODULE 5
Integration &
Web Services

MODULE 6
AI & Decision
Support

MODULE 7
Std & Custom
Reporting

MODULE 8
System
Management

MODULE 10
E-Learning
System



This project is co-financed by the European Union
and the Republic of Türkiye

2022

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

2023

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER



This project is co-financed by the European Union
and the Republic of Türkiye

The «Action»



This project is co-financed by the European Union
and the Republic of Türkiye

Jira Software Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ People ▾ Apps ▾ Create

Press F11 to exit full screen

SmartNET
Software project

PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings

You're in a team-managed project
Learn more

Projects / SmartNET
Backlog

Search

SN Sprint 1 10 Oct – 21 Oct (11 issues)

- SN-6 KVKK Metin içeriği SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-4 Kullanıcı Şifre Değiştirme/Yenileme SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-3 Kullanıcı Login-Logout İşlemleri SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-7 Kullanıcı Profili Güncelleme SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-8 Kullanıcı Grubu Yönetimi SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-10 Sistem Logoları SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-14 Sistemin Template'inin Belirlenmesi SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-2 Kullanıcı Aktivasyonu SYSTEM MANAGEMENT MODULE ... TEST-UAT
- SN-1 Sisteme Kayıt Olma TEST-UAT
- SN-9 Proje Veritabanı Şeması DONE
- SN-19 Kurulum Gereksinimleri SYSTEM MANAGEMENT MODULE ... ANALYSIS

+ Create issue

Backlog (8 issues)

- SN-11 Yatırımcı Ekleme/Güncelleme TO DO
- SN-12 Yatırımcı Profili TO DO
- SN-13 Yatırımcıların Listelenmesi TO DO
- SN-15 Duyuruların Oluşturulması/Listelenmesi TO DO
- SN-17 Yatırımcı silme işlemi TO DO
- SN-24 Single Sign-On Desteği E-LEARNING MODULE - MODULE 18 TO DO

Create sprint



This project is co-financed by the European Union
and the Republic of Türkiye

The screenshot displays the Jira Software interface. On the left, a sidebar shows navigation options for a project named 'SmartNET'. The main area is divided into two panels. The left panel shows a project overview for 'SN-21 / SN-2', including a workflow diagram, a screenshot of an 'Activation Mail' interface, and a list of attachments. The right panel shows a detailed view of a 'TEST-UAT' issue, including assignee information (Irem ŞAHİN), time tracking (1h logged), labels, sprint information (SN Sprint 1), and reporter information (Sema Akyaşan). The issue was created on October 5, 2022, at 10:45 AM and updated 3 days ago.



This project is co-financed by the European Union
and the Republic of Türkiye

The «AI»



This project is co-financed by the European Union
and the Republic of Türkiye

SMARTNET ARTIFICIAL INTELLIGENCE

METHODOLOGY :

- ✓ Hybrid System: Expert System + Supervised Machine Learning

SUPERVISED MACHINE LEARNING (ML) :

- ✓ Task Driven
- ✓ Next Value Prediction

ALGORITHMS :

- ✓ Naive Bayes classifiers
- ✓ CART(Classification And Regression Tree)
- ✓ Logistic regression



This project is co-financed by the European Union
and the Republic of Türkiye

UPCOMING ACTIVITIES

A.1.2.1. Development of Cooperation with Angel Investor Networks

METHODOLOGY:

- We have a full list of the Angel Investors Networks in Türkiye.
- We will create ground of awareness through stakeholder visits, dynamic social media and web site.
- We will prepare the «value proposal» of the SMARTNET Project.
- We will send an official letter to all collaboration partners.

At least one cooperation protocol will be signed.



This project is co-financed by the European Union
and the Republic of Türkiye

UPCOMING ACTIVITIES

A.1.2.2. Creating Collaborations with Existing Institutions

METHODOLOGY:

- We will revise the current list of TTIs in Türkiye, focusing on Istanbul, Ankara and Izmir.
- We like to offer to extend this network beyond these 3 cities.
- We will plan and run an online Workshop.
- We will develop an Collaboration Map and a Partnership Establishment Methodology (segmentation might be necessary).

At least two collaboration/partnership agreements will be signed.



This project is co-financed by the European Union
and the Republic of Türkiye

UPCOMING ACTIVITIES

A.1.3 Preparation of the Training Programmes and Release of the E-Learning Programme

METHODOLOGY:

Training for Mentors & Entrepreneurs

- Establishment of Training Team
- Preparation of Selection Criteria (& Questionnaires)
- Extensive Communication
- Preparation of Training Content
- Evaluation of the Applications & Shortlisting
- Delivering, monitoring and evaluation of the training under Activity 2.1 and Activity 2.2.

TORs for (i) senior training expert, and (ii) investment & finance expert have been prepared and will be sent to ERA.



This project is co-financed by the European Union
and the Republic of Türkiye

UPCOMING ACTIVITIES

A.1.4 Uploading and Sharing the Best Practices

METHODOLOGY:

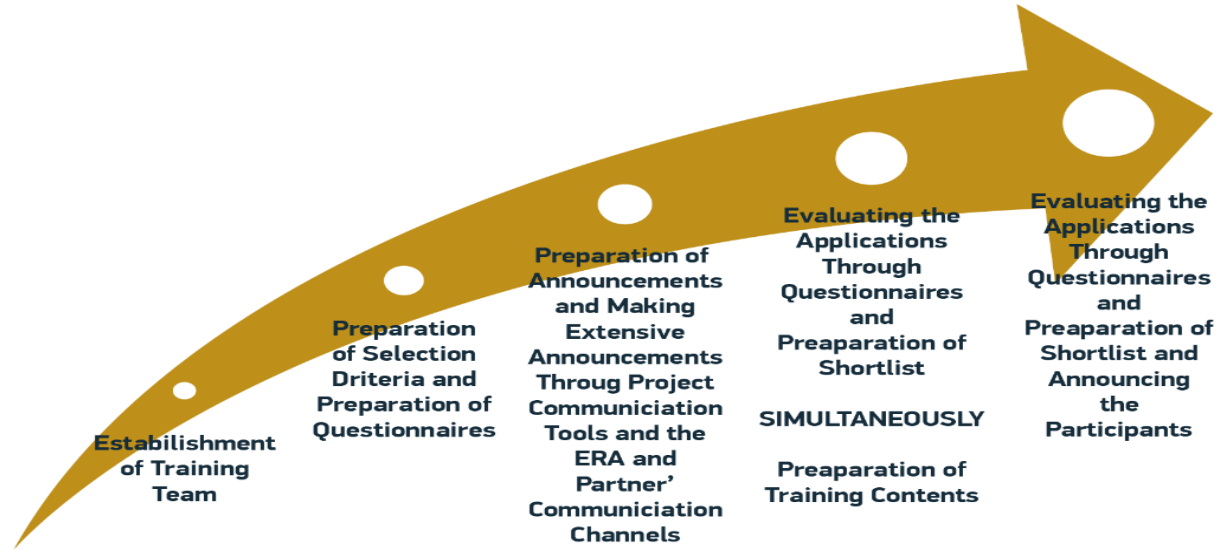
- This activity could be perfectly done by a creative partnership with institutions like TÜBİTAK TEYDEB.

Task A.2.2.1. Determination of Entrepreneurs and SMEs for Accelerator Programme Application Call Criteria



This project is co-financed by the European Union
and the Republic of Türkiye

Getting ready for the **Pilot Acceleration:**





This project is co-financed by the European Union
and the Republic of Türkiye

UPCOMING ACTIVITIES

Task A.2.2.1. Determination of Entrepreneurs and SMEs for Accelerator Programme

Application Call Criteria

- **Eligibility Criteria:**
- - being a registered company (limited or incorporated)
- - no particular location (but Türkiye might be preferential)
- - at least 2 years of existence
- - majority of shares with the founder(s)
- - product/service development is completed
- - working on a technology vertical (fintech, insurtech, healthtech, biotech, gaming, renewable energy, other digital technologies) and/or on innovative ideas/projects

- **Selection Criteria:**
- - A professional pitching deck (maximum 20 slides) (20%)
- - A passionate and focused statement of interest by the founder(s) as a video (maximum 60 seconds) (20%)
- - Scalability of the business (40%)
- - Positive cash-flow (10%)
- - Already secured an investment (10%)



This project is co-financed by the European Union
and the Republic of Türkiye

Pilot Acceleration

TRACK-1:

BASIC TRAINING PROGRAMME

This first level group of training is for level-up entrepreneurs and first time mentors. The total training is 10 days and is planned to be completed in 3-4 weeks. Most of the training is planned to be online.

#	Training Name	Duration	Implementation
4	Business Model Development	1	Face to Face
5	Company Management	1	Online
6	Customer Relations Management	1	Online
8	Innovation Management	0,5	Online
10	Intellectual Property Rights	1	Online
14	Product Positioning	0,5	Online
15	Design Thinking	0,5	Online
17	Prototyping	0,5	Online
20	Value Creation	1	Online
23	Business Law	0,5	Online
32	Technopreneurship and Growth Strategies for Tech Start Ups	1	Online
34	Elevator And Investor Pitch Training	1	Face to Face
36	Successful Exit Strategies	0,5	Hybrid



This project is co-financed by the European Union
and the Republic of Türkiye

Pilot Acceleration

TRACK-2:

ADVANCED TRAINING PROGRAMME

The training titles chosen to be in this track mainly target startups (generally at early stage), innovative SMEs, participants from corporations. The total training is 14.5 days and is planned to be completed in 5-6 weeks. Most of the training is planned to be hybrid. As part of the Advanced Training Programme, there will be additional mentorship sessions.

#	Training Name	Duration	Implementation
3	Branding	0,5	Online
9	Innovative Product / Process Development	2	Hybrid
11	Market Analysis and New Market Entry Strategies	2	Hybrid
16	Project Development and Management	4	Hybrid
21	Value Proposition Management	1	Online
26	Business Of Tech: How to Write a Tech Business Plan	2	Hybrid
31	Technology Forecasting for Strategic Decision Making	1	Hybrid
35	Business Networking: Finding A Business Partner	2	Hybrid

Pilot Acceleration



This project is co-financed by the European Union
and the Republic of Türkiye

Draft Timeplan:

- Entrepreneurship Module in use: November 20, 2022
- LMS in use: November 20, 2022
- Announcement of the Acceleration Program (start): November 25, 2022
- Closing of the Applications (end): December 11, 2022
- Selection Completed & Announced: December 18, 2022
- Start of Training – I: December 23, 2022
- First Pitching Round: January 27, 2023
- Start of Training – II + Mentorship Sessions: February 3, 2023
- Second Pitching Round: March 17, 2023
- Other Training + Mentorship Sessions (Group of 10): March/April, 2023
- Visit to European Ecosystems: April/May, 2023



This project is co-financed by the European Union
and the Republic of Türkiye

THANK YOU FOR YOUR PARTICIPATION

“The content of this publication is the sole responsibility of the Consortium and can in no way be taken to reflect the views of the European Union”

Zoom Toplantı

Kaydediliyor...

Görüntüle

Merve Nemutlu

Merve Nemutlu

GTÜ TEKNOPARK A.Ş.

Cengiz H./KALITTO

Türkay Dereli

Alpaslan Gözel-GTU TTO

Bülent Güloğlu

A. Emre OZTURK...

Ufuk Batum

FBE

ercan.citil

Marek Duda RR...

Umit Bayraktar - GTU TTO

Sesi Açmayı İste

Sonlandır

Sesi aç

Videoyu Başlat

Güvenlik

Katılımcılar

Ekran Paylaşımı

Reaksiyonlar

Uygulamalar

Beyaz Tahtalar

Daha fazla

Katılımcılar (13)

Q Katılımcı bul

- M Merve ... (Oturma Sahibi, ben)
- BG Bülent Güloğlu
- F FBE
- TD Türkay Dereli
- AE A. Emre OZTURK - HKÜ
- AG Alpaslan Gözel-GTU TTO
- CH Cengiz H./KALITTO
- E ercan.citil
- GT GTÜ TEKNOPARK A.Ş.
- MD Marek Duda RRDA Poland
- M Merve Nemutlu
- UB Ufuk Batum
- UB Umit Bayraktar - GTU TTO

Davet Edin Tümü Sessize Al