

STEERING COMMITTEE MEETING #2

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

31 January 2023, Istanbul















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















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)















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,
- Acceleration, Commercialization and Accessing Funds realized with Pilot Application.















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.















Innovation via **Big Companies &** Public Sector. Closed process & Research Internal resources **IPR**

This project is co-financed by the European Union

Innovation Startups

Startup **Ecosystem**



What is really changing in the **GLOBAL ECOSYSTEM?**



Funding

Sources













The Ecosystem







Publishing date: 02.05.2022

REPUBLIC OF TURKEY

MINISTRY OF INDUSTRY AND TECHNOLOGY



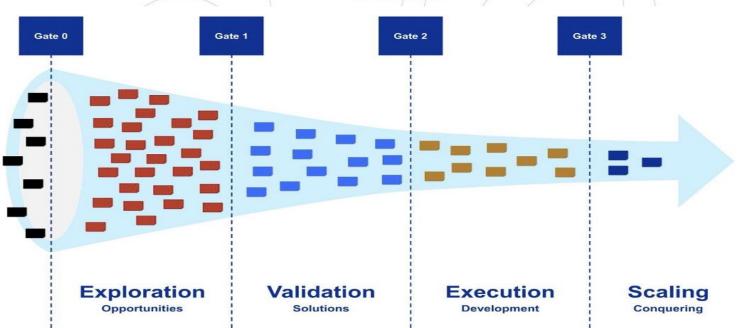






Innovation Funnel













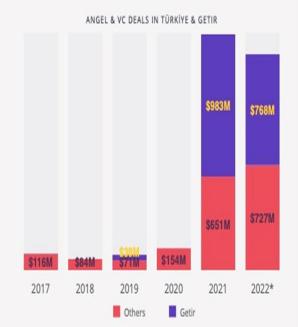


























RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
1	London	27.97B	1428
2	Berlin	12.98B	490
3	Paris	10.81B	407
4	Stockholm	7.42B	181
5	Amsterdam	4.89B	157
6	Munich	4.12B	124
7	Manchester	2.27B	48
8	Barcelona	2.24B	195
9	Cambridge	1.76B	69
10	Copenhagen	1.62B	101
11	Madrid	1.55B	135
12	Oxford	1.54B	52
13	Istanbul	1.49B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

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















ANGEL & VC DEALS IN EUROPEAN CITIES IN 2022*

RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
1	London	16.1B	937
2	Paris	7.3B	249
3	Berlin	4.8B	284
4	Stockholm	2.2B	105
5	Munich	1.6B	96
6	Istanbul	1.4B	159

GAMING DEALS IN EUROPEAN CITIES IN 2022*

RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
1	London	503M	26
2	Istanbul	341M	16
3	Lisbon	80M	5
4	Berlin	64M	6
5	Helsinki	61M	4

ANGEL & VC DEALS IN CITIES IN TÜRKİYE IN 2022*

	RANK	CITY	DEAL SIZE (\$)	DEAL COUNT
2	1	Istanbul	1,441M	159
	2	Ankara	48M	30
	3	Kocaeli	2M	4
	4	Izmir	1M	5
	5	Konya	1M	2

Istanbul is the 6th largest ecosystem in Europe as per deal-flows.















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

















Office mobilization has been finalized.























PROGRESS UP TO DATE

- ✓ Inception Report was prepared, submitted, revised and officially approved on 23/01/2023.
- A Workshop was held on the framework of the Inception Report.
- ✓ 20 Weekly and 3 Monthly meetings 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.















PROGRESS UP TO DATE

















PROGRESS UP TO DATE



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
- •Phyton AI & Decision Support

THE DATABASE SYSTEM

- •MS SQL Server
- PostgreSQL (Optional)

TOOLS, LIBRARIES & COMPONENTS

- RabbitMQ
- •EF Core
- Dapper
- Postsharp
- EvoPDFOpenXML
- •HtmlAgilityPack
- •RestSharp
- •React















The «Team»















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.)















The «Plan»















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 Al & Decision Support MODULE 7 Std & Custom Reporting MODULE 8
System
Management

MODULE 10 E-Learning System















2022

ARY MARCH

APRIL MAY

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER DECEMBER

2023

JANUARY

APRIL

JULY

OCTOBER

AUGUST

MAY

BER NOVI

.

MARCH

JUNE

DECEMBER















The «Action»







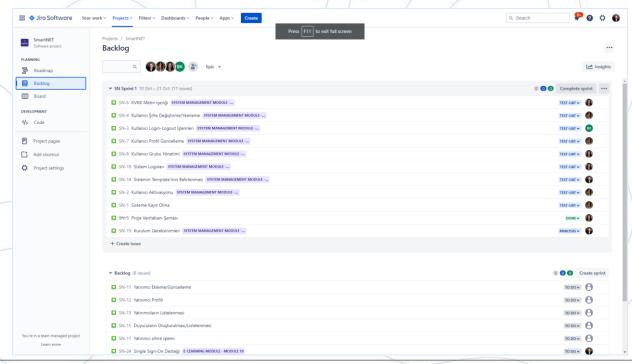








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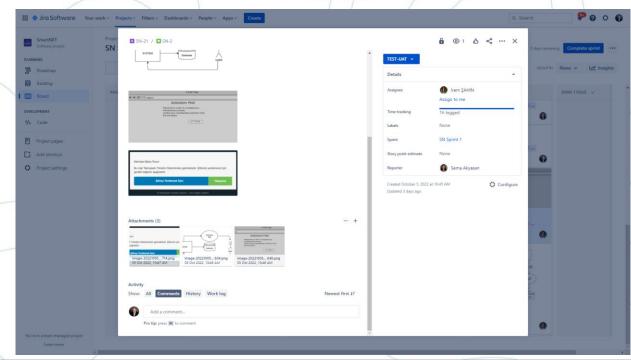








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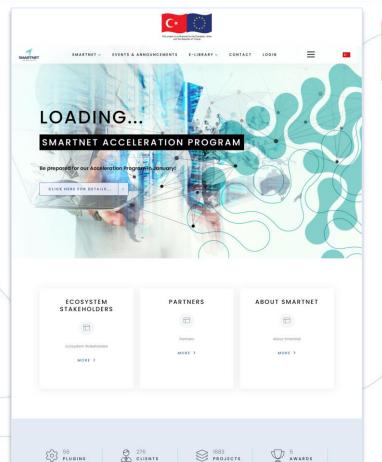














and the Republic of Türkiye



Interiors Assistance for "A format Heater for Technology Transler and Commercicalization with Assault Model (MAMPET)" in graphical Commercial by Linguistic and Commercial Assault (Matter Model (MAMPET)) and project on Developing of the Section of Matter Model (Matter Model) and the Section of Matter Model

The Project has 3 main components to be fulfilled during the implementation phase of the Project which will last 36 months:

Activity I. Establishment of TTI Network and Development of Institutional Infrastructure
Activity 2, Pilot implementation of Acceleration of Commercialisation and Accessing Funds

Activity 3. Communication and Visibility

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- To achieve this aim, main functions of the Project Technical Assistance for "A Smart Network for Technology Transfer and Commercialisation with Funnel Model" identified as follows:
- To provide support and collaboration in between TRS promoting the strengths and eliminating the weaknesses of the members of the network in order to optimize the resources and copabilities.
- To bring forward potents / business ideas / entregreneurs with high potential for commercialisation with smort software infrastructure based on stifficial intelligence
 Commercialisation with smort software infrastructure based on stifficial intelligence
 To bring forward potential business ideas / entregreneurs in contract and the forward potential intelligence
 To produce the commercialisation accounts to produce a filter to entregreneur or TARTS to entregrene the contract with the forward potential intelligence
- To accelerable commercialisation processes by applying a filter to entrepreneurs / SMIS business ideas and potents with the funnel model to determine qualified business ideas and potents with the funnel model to determine qualified business ideas and filtered patients.
- To increase awareness about patents, evaluation of inventions, strengthening the follow-up of application
- To match products / services in commercialisation stage with national and international angel investment
- To reach and host qualified mentors and qualified angel investors.

To receive and support entenance or contracted from TIS.

Hızlı Menü Anasayfa

Haberler Duyuru ve Etkinlikler Technical Assistance for "A Sinner Relations for Technical Services Translate and Commiscolations with Filamed Most SEAMETHERT'S is a project or threated by European Limins and Republic of Technical Seames 4.5 stated on 5255,50022 with the Kisco off Meeting. The Contracting Automaty of the project is Meeting of Installay and Technology - Desiclasials Calminal for Licoposes. Usino on Progray Affirs, and the Eric Report of the Apparent Sea 1942 Technical Linkinson. When the Seames and partners of the support late stateful Environment Linkinson.





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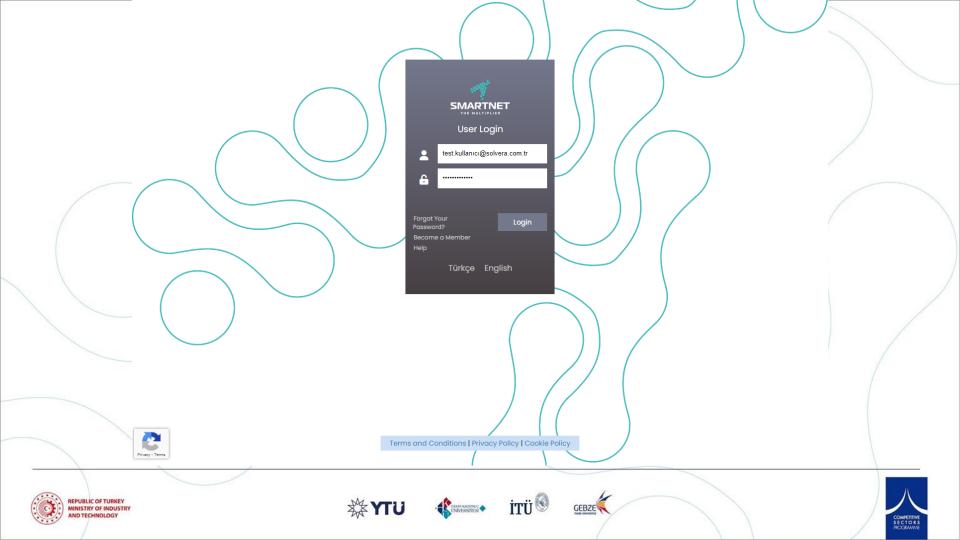


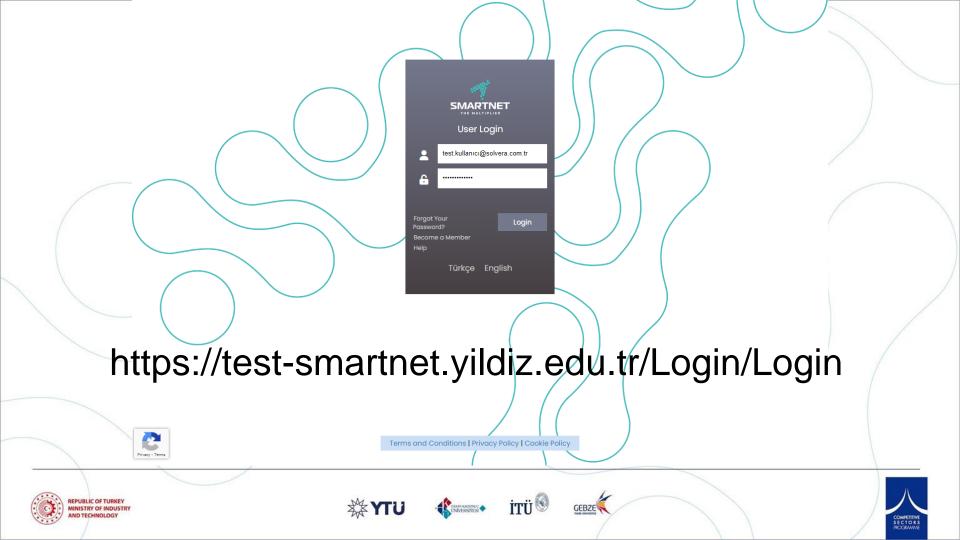
and the Republic of Türkiye

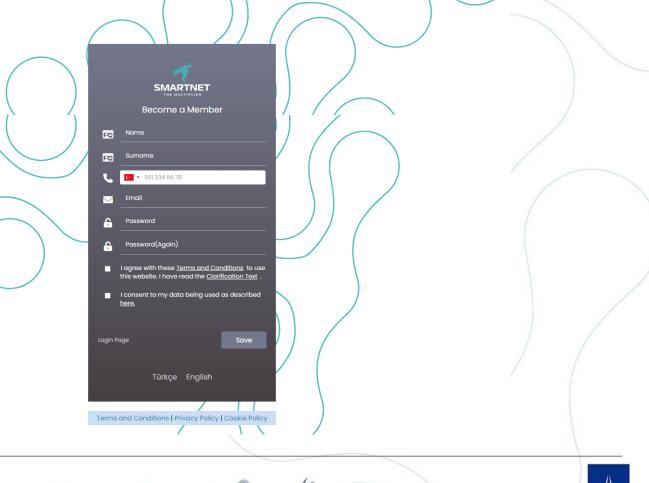














Privacy - Terms

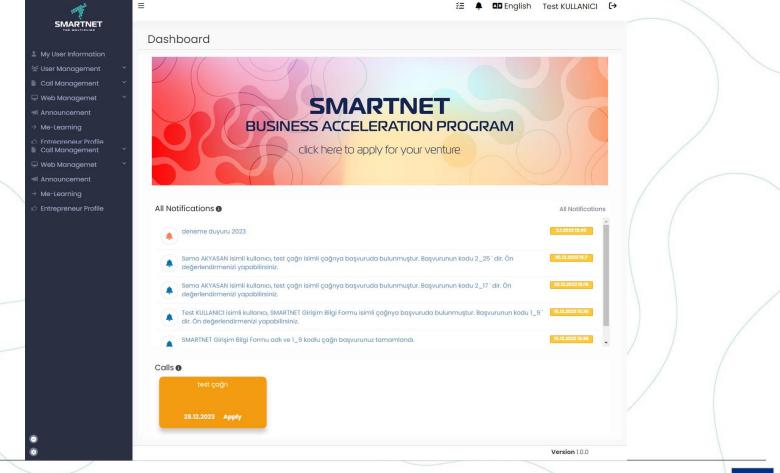














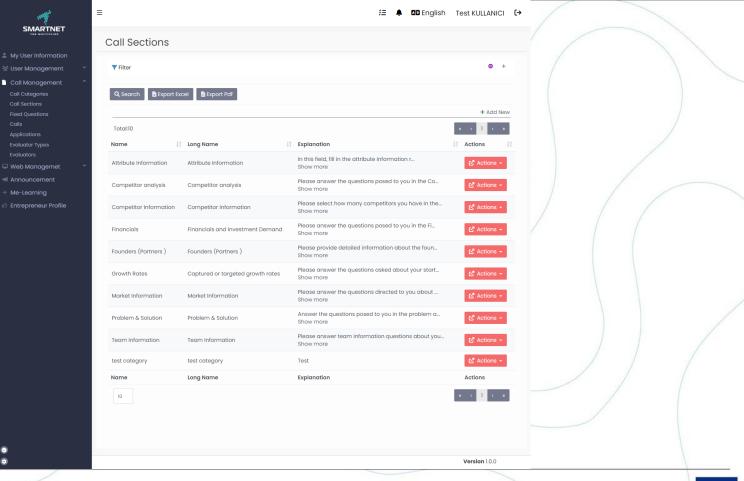














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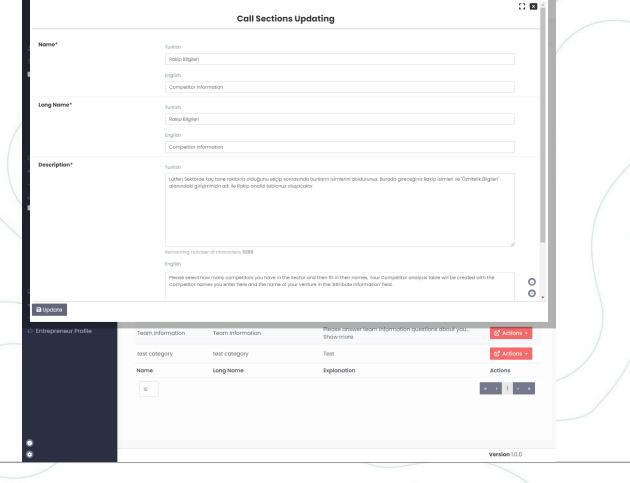














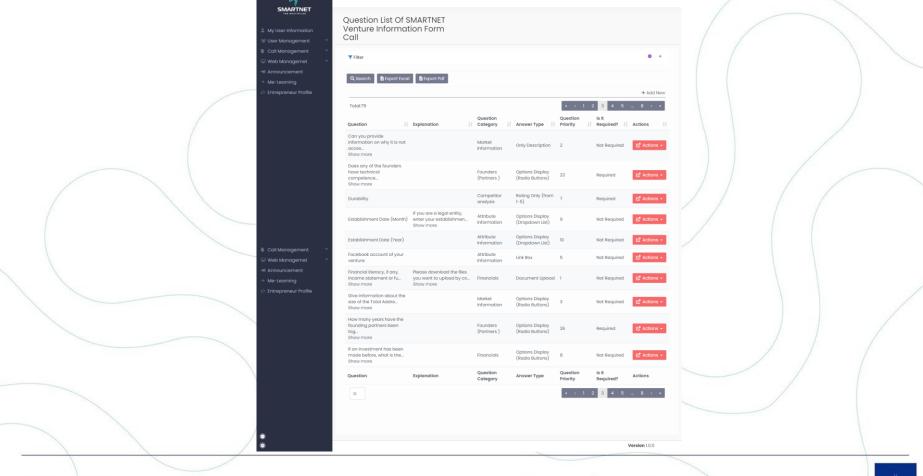
















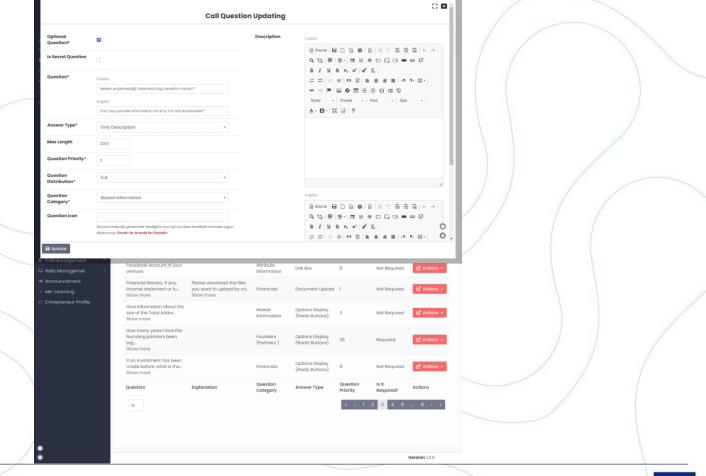






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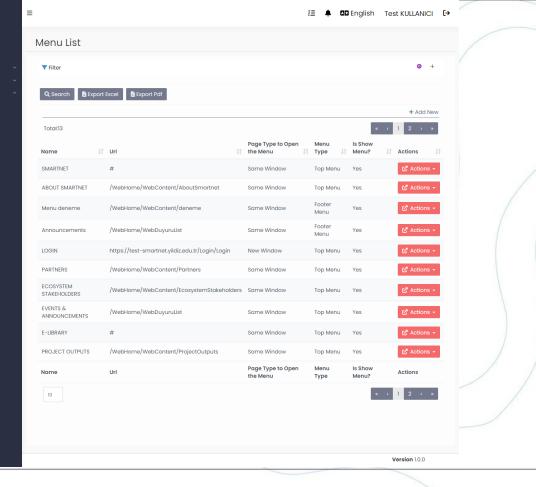
















SMARTNET

Web Managemet

Announcement

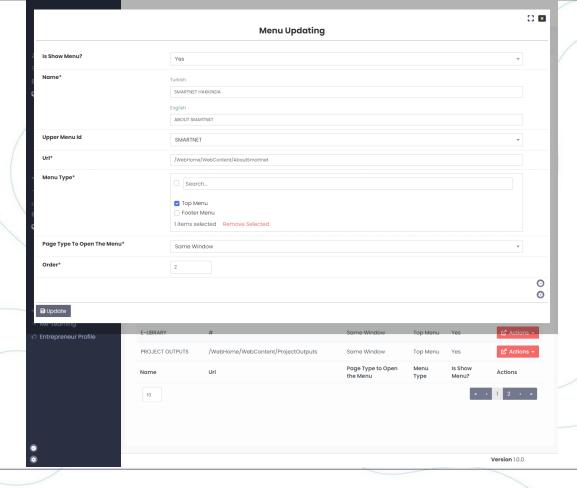
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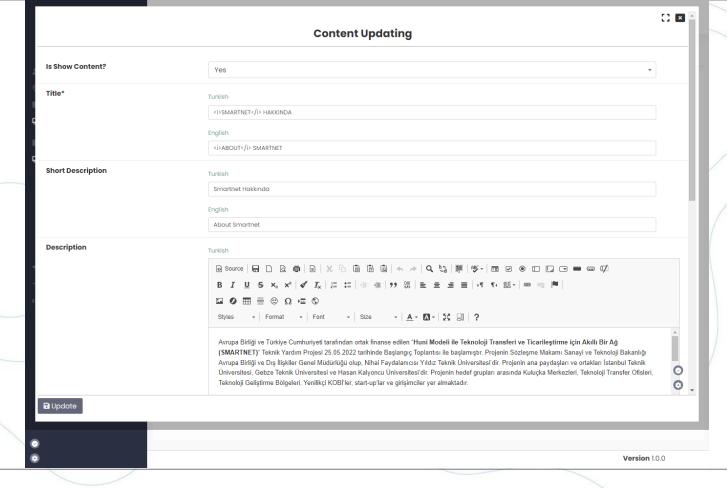


























- My User Information
- **User Management**
- Call Management
- ☐ Web Managemet
- Announcement
- → Me-Learning
- ♠ Entrepreneur Profile





▲ English

Test KULLANICI

SMARTNET Venture Information Form

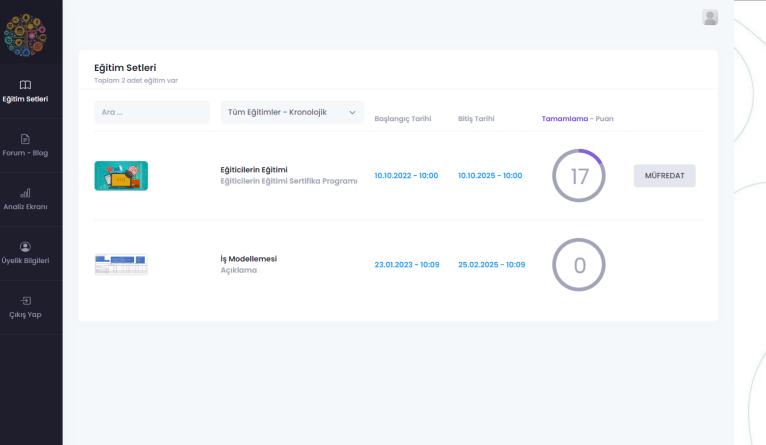
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Attribute Information	Problem & Solution	Growth Rates	Financials	Market Information	Founders (Partners)
Competitor Information	on Team Information	Competitor of	analysis		

Attribute Information

In this field, fill in the attribute information requested from you related to your venture.

Name/Title of your Venture*
Your venture's website (if applicable)
It is mandatory to fill in at least one of the five social media accounts of your venture requested below.
in Linkedin account of your venture:







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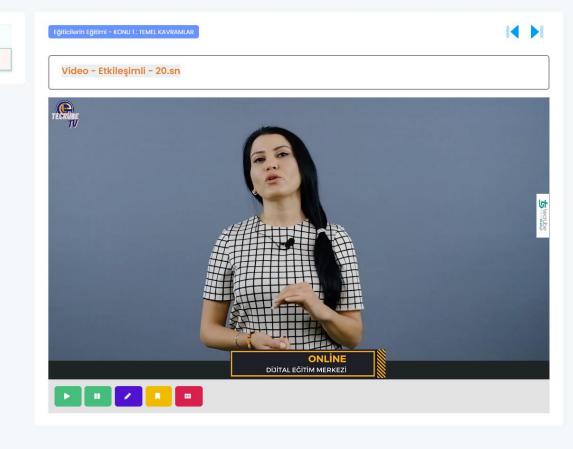








Tüm Hakları Saklıdır ...



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Video -

Normal Video -Etkileşimli













The «AI»















The Smartnet AI & ML Process

Step 1
Collecting data from the

Smartnet Venture Info forms

Step 2
Processing data to have homogeneity

Step 3
Applying the Smartnet AI & ML algorithms

Step 4
Applying scores attained from the models results

Step 5
Data visualisations, transforming results into reports & graphs

Step 6
Identifying the
next potential
Unicorn















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















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.















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.















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.















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















Main Indicators

Result	Activity	Sub-Activity	Output Indicators	Target
R2: Acceleration, Commercialisation and Accessing Funds realized with Pilot	2.1	2.1.1	Capacity Building Training for Mentors provided	1
Application	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















SMARTNET BUSINESS ACCELERATION PROGRAM















What does

SMARTNET Project

mean to us?

The VALUE PROPOSAL:

- 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.















Purpose of the Program

To help foster;

- the startups,
- tech companies,
- innovative SMEs

in their efforts to scale up their businesses in global markets by having (1) training, (2) mentorship, (3) smart matchmaking, and (4) access to smart capital.















Target Group

The main target group for this acceleration program (especially for the first round) will be:

- Smart and/or innovative businesses,
- Tech concentration,
- High scaleability,
- Global impact,
- With an MVP,
- Early stage.

There will be no particular focus on a tech vertical.













Our Services



Training & Mentorship



Access to Global Markets



Access to Smart Capital



Smart Matchmaking









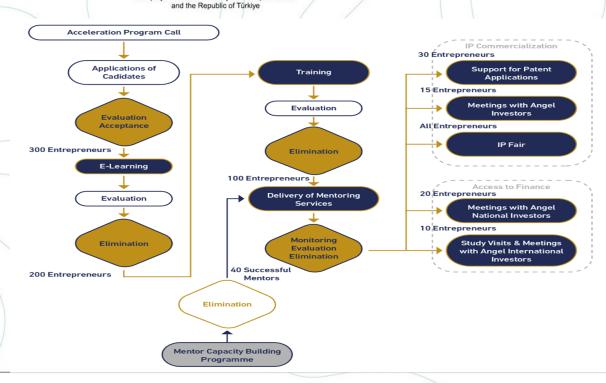








Methodology















Pilot Acceleration



TRACK-1:

BASIC TRAINING PROGRAMME

This first level group of training is for levelup entrepreneurs and first time mentors. The total training is 7 days and is planned to be completed in 2-3 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













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 9 days and is planned to be completed in 3 weeks. Most of the training is planned to be hybrid. As part of the Advanced Training Programme, there will be additional mentorship sessions.

 puone or	Turkiye		
#	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



Timeplan:

Entrepreneurship Module in use:

LMS in use:

Announcement of the Acceleration Program (start):

Closing of the Applications (end):

Selection Completed & Announced:

Start of Training – I

First Pitching Round:

Start of Training – II + Mentorship Sessions

RAMADAN FEAST

Second Pitching Round:

Other Training + Mentorship Sessions (Group of 10)

Visit to European Ecosystems

SACRIFICE FEAST

February 6, 2023

February 8, 2023

February 8, 2023

March 5, 2023

March 12, 2023

March 15, 2023 March 28-29, 2023

April 1, 2023

April 20-23, 2023

April 24-25, 2023

May, 2023 June, 2023

June 27-30, 2023















Getting ready for the Pilot Acceleration:

P nt Q

Preparation of Selection Driteria and Preparation of Questionnaires Preparation of
Announcements
and Making
Extensive
Announcements
Throug Project
Communiciation
Tools and the
ERA and
Partner'
Communiciation

Channels

SIMULTANEOUSLY

Preaparation of

Evaluating the Applications Through Questionnaires and Preaparation of Shortlist and Announcing the Participants

Estabilishment of Training Team



Evaluating the

Applications

Through

Questionnaires

and

Preaparation of

Shortlist













Poster for the call



Alternative posters have been prepared and discussed with ERA and the following has been selected to be used for the call of the 1st pilot acceleration program:

"SMARTNET Acceleration Program"



















SMARTNET Acceleration Program is inviting tech companies, startups and innovative SMEs!

Are you heading to be a UNICORN?

Join "SMARTNET, The Multiplier" ecosystem right away!

> Application Deadline: February 27 www.smartnet.global

























Europe soft landing



















ENTREPRENEUR FIRST













Short List:

Antler
HighTechXL
EIT Digital Accelerator
Station F
Startup Wise Guys
Accelerace

Birdhouse
Techstars
Entrepreneur First
Rockstart (AgriFood, Energy)















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 slights) (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%)













	nnical Assistance for A Smart Network for ology Transfer and Commercialisation with Funnel Model (SMARTNET)	Jun-22	Jul-22	Aug-22	Sep-22 Oct-22		NOV-22 Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
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	PROJECT INCEPTION PHASE	1	2	3	4	5	5 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
0.1	Mobilization of The Project Team and Project Office Set Up					\dagger																														
0.2	Initial Meetings with The Project Beneficiary and Relevant Stakeholders					Ť																														
0.3	Preliminary Analysis of Current Situation																																			
0.4	Preparation of Draft Inception Report																																			
0.5	Organization of PCM Training																																			
0.6	Finalisation and Submission of Inception Report																																			
	PROJECT IMPLEMENTATION PHASE					\neg																														
ACTIVITY 1	ESTABLISHMENT OF TTI NETWORK AND DEVELOPMENT OF INSTITUTIONAL INFRASTRUCTURE					T			T																											
1.1	Development of TTI Network Software Platform																																			
1.1.1	Requirements Lifecycle Management - Needs analysis and assessment																																			
1.1.2	Technical Design - Designing the software																																			
1.1.3	Implementation - Application development																																			
1.1.4	Testing - Data entry and testing																																			
1.1.5	Training - Delivery of trainings																																			
1.1.6	Release - Deployment of application	F											Н																							
1.2	Networking Capacity Building Activity																																			
1.2.1	Development of cooperation with Angel Investors Networks																																			
1.2.2	Creating collaboration with existing institutions																																			
1.3	Preparation of Training Programmes and Release of the E-Learning Programme																																			
1.4	Uploading and Sharing of Best Practices																																			
ACTIVITY 2	PILOT IMPLEMENTATION OF ACCELERATION OF COMMERCIALISATION AND ACCESSING FUNDS					T																														
2.1	Capacity Building Training for Mentors							_	+																											\dashv
2.2	Capacity Building for Entrepreneurs																																			
2.2.1	Determination of Entrepreneurs and SMEs for Accelerator Programme					Ť																														
2.2.2	Training programme																																			
2.2.3	Delivering of mentoring services																																			



THANK YOU FOR YOUR PARTICIPATION

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STEERING COMMITTEE MEETING #2 PHOTOS













