TÜRKİYE BİLİŞİM VAKFI

2023

Turkish Informatics Foundation Activity Report

Dijital Türkiye

BLOCKCHAIN TÜRKİYE

Türkiye'nin Yapay Zeka Platformu

www.ai.org.tr

Preface



Faruk Eczacıbaşı
President of Turkish
Informatics Foundation

In the last 29 years since the establishment of the Turkish Informatics Foundation (TBV), there have been no such major changes in world history, except wars.

Yes... We skipped a few eras. Migrations took place, habits changed, mass settlements developed. Never before have habits changed so fundamentally. After entering the new millennium, we almost don't even remember the habits we acquired.

The beginning of TBV lies in the birth of the internet. The world's perception of time and space has been turned upside down within the framework of a brand new information network. The production and distribution of data and information is increasing exponentially and looks set to continue increasing. Meanwhile, the inadequate definition of data in classical economics and law led to information pollution and obscurity. This appears to be one of the most important problems for the future.

The paradigm shift brought about by the increasing importance of data inevitably affects all institutions and concepts inherited from the industrial age. The dimensions of change cannot be limited by geographical borders. Moreover, the geopolitical balances and competitive environment that have formed throughout history constitute an obstacle to the free development of the planet. The pace of development of science and technology today, if directed correctly, can be developed to provide long-term answers to all kinds of problems of the future.

In recent years, our foundation has decided to continue its work with two basic principles: first, to focus on the problems that our planet will leave to future generations, instead of dealing with the problems inherited from the past, and second, to put the signature of these lands under the efforts to be made and the models to be created to solve the problems.

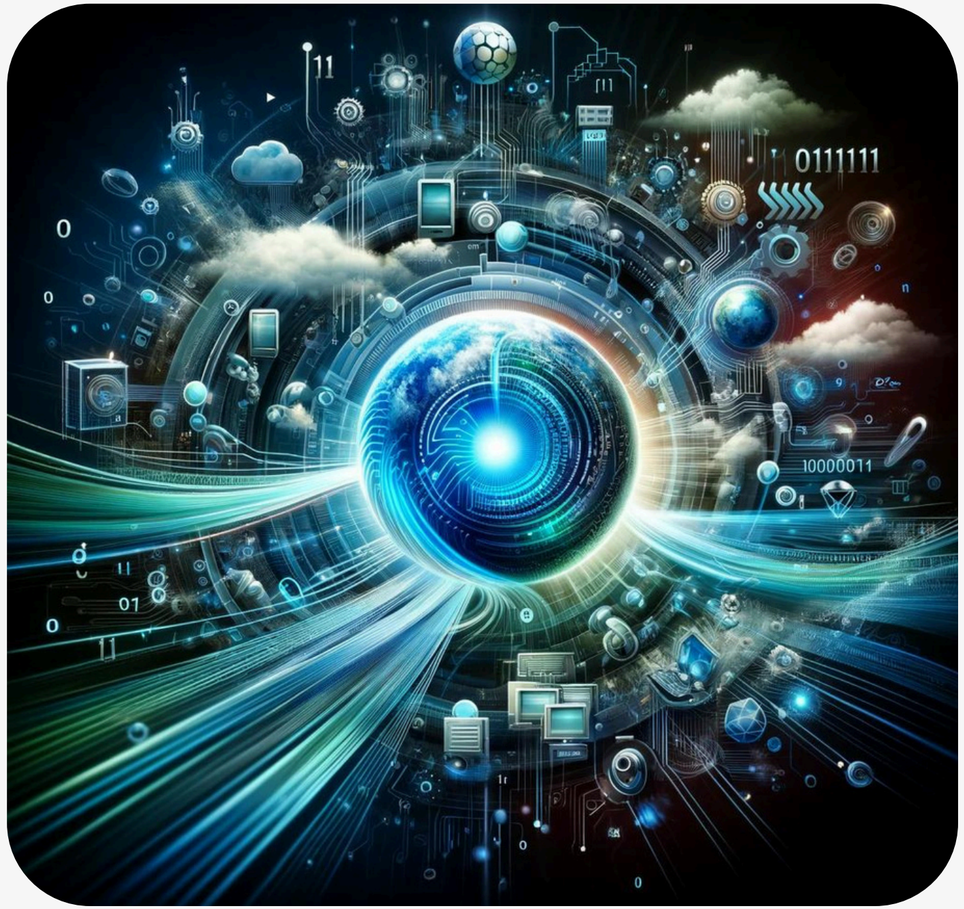
We need a new story and a global constitution for the health of our world, which has entered a new paradigm. I can proudly say that the Turkish Informatics Foundation will be a part of the story of the future from now on.

TÜRKİYE BİLİŞİM VAKFI

About Us

Turkish Informatics Foundation (TBV) is a multi-partner non-governmental organization headquartered in Istanbul, working to demonstrate the signature of these lands to the world with its vision of **technology for good.**

TBV was founded in April 1995 by 178 founding members from 114 different institutions and **today the organization has more than 400 members.** The main objective of our organization is to provide a necessary foundation in enabling the Turkish society to become an information society, and in doing so, to organize and develop scientific research and activities and specifically to research the effects of new technologies on the social and economical lifestyles of the society, to create and provide projects and policies and to provide reliable sources and qualified information.



Our Manifesto

Our manifesto, which we published to guide the creation of the paradigm of the future, was **introduced on February 26 with the presentation of Faruk Eczacıbaşı, President of the Turkish Informatics Foundation.**

"This manifesto is prepared to guide the creation of the paradigm of the future. It calls for collaboration and innovation based on sustainability, transcending confusion, to collectively step into a new future."

Click to Read



The Paradigm of the Future:
Disruption and Sustainability Manifesto

TÜRKİYE BİLİŞİM VAKFI

Our Manifesto

Call to action...

- The role of raising awareness to transform societies is critical. Education and awareness should be improved for individuals and societies to adapt to the new paradigm.
- Young fluid minds and experienced crystallized minds should be allowed to create and implement new ideas together.
- Studies should be conducted scientifically and based on data, with the understanding that data is inherently rooted in the past, and efforts should be made to avoid data pollution.
- A global institutional model should be developed based on sustainability, taking into account both physical and cultural differences while addressing the integrity of the planet.
- Especially in the fields of economics and governance, sustainability-based new indices should be created and used instead of traditional performance indicators (GNP, GDP, etc.).
- More sustainable, global, new, dynamic economic, legal, and governance models and regulatory mechanisms should be developed, and institutions should be established.

Bu manifesto, geleceğin paradigmasının oluşturulmasında rehberlik etmek amacıyla hazırlanmıştır. Sürdürülebilirlik, iş birliği ve yenilikçilik temelinde, akıl karışıklığını aşarak yeni bir geleceğe birlikte adım atmak için çağrıda bulunmaktadır.



TÜRKİYE BİLİŞİM VAKFI

TÜRKİYE BİLİŞİM VAKFI

Corporate Supporters

Eczacıbaşı

BtcTurk

EGÜVEN
Elektronik Bilgi Güvenliği A.Ş.

sas

enocta

KPMG

BTS & PARTNERS

TÜRKİYE BİLİŞİM VAKFI

Our Platforms

Activities of our multi-stakeholder platforms continuing from previous years; In addition to many of our projects on topics such as education, digital transformation, new technologies, We continued on our way with new activities and projects...

Dijital Türkiye

obn

BLOCKCHAIN TÜRKİYE

Türkiye'nin Yapay Zeka Platformu

www.ai.org.tr



Digital Turkey Platform

It was established in March 2011 in cooperation with TBV, TÜBİSAD and TESİD in order to establish standards in the fields of information, communication and electronics in Turkey and to develop solutions to problems. Turkish Informatics Foundation undertakes the coordination of the platform and representation in Digital Europe.

TÜRKİYE BİLİŞİM VAKFI

Dijital Türkiye

Digital Turkey Platform

EU Relations







During this meaningful visit, where we had the opportunity to develop cooperation between the EU and Turkey and exchange views on joint projects, we had productive meetings with our **Ambassador Nikolaus Meyer-Landrut** and representatives of the EU Delegation to Turkey.

Digital Turkey Platform

01.11.2023-Istanbul

The Report on Development of Cooperation in the Field of ICT Between Turkey and EU Countries, prepared in collaboration with TBV and KPMG, has been published.





- Nikolaus Meyer-Landrut, Ambassador, Head of EU Delegation to Turkey
- Bülent Özcan, Director-General for Financial Cooperation and Project Implementation
- Cecilia Bonefeld, Director General of Digital Europe

TÜRKİYE BİLİŞİM VAKFI

Dijital Türkiye

Digital Turkey Platform

12.12.2023 - Brussels

The second meeting of The Report on Development of Cooperation in the Field of ICT Between Turkey and EU Countries was held in Brussels, hosted by TOBB Brussels. Cecilia Bonefeld, Director General of Digital Europe, of which we have been a member since 2011, KPMG TR President Murat Alsan and Turkey's Permanent Representative to the EU, Ambassador Faruk Kaymakçı, contributed to our event with their speeches.





TÜRKİYE BİLİŞİM VAKFI

Dijital Türkiye

Digital Turkey Platform

22.01.2024 Ankara

The Report on Development of Cooperation in the Field of ICT Between Turkey and EU Countries, which was prepared by the Digital Turkey Platform and KPMG Turkey, and whose first idea seeds were planted within the scope of our visits during the period when our Deputy Minister of Foreign Affairs, Ambassador Mehmet Kemal Bozay, was the Permanent Representative of the EU in Brussels, After tIstanbul and Brussels, it was introduced to public institutions and relevant non-governmental organizations in Ankara, hosted by the EU Directorate of the Ministry of Foreign Affairs. Our next goal will be to transform this work into a living, value-producing platform with the support and partnership of our public institutions.



TÜRKİYE BİLİŞİM VAKFI

Dijital Türkiye

Digital Turkey Platform

“Cooperation in the Field of ICT” Report Outputs

Strategic Priorities and Action Plans

- **Enhancing Technology and Innovation Collaborations:** Emphasizing the need for Turkey to strengthen its ICT and innovation collaborations with the EU.
- **Focus on Advanced Technology Areas:** Highlighting the need to expand collaborations in advanced technology fields such as Artificial Intelligence and Industry 4.0.



Key Objectives

- **Increased Participation in EU Programs:** Aiming for Turkey's increased participation in EU research and innovation programs.
- **Collaboration in New Technology Areas:** Seeking to explore cooperation opportunities in new technology areas with the EU.

TÜRKİYE BİLİŞİM VAKFI

Dijital Türkiye

Digital Turkey Platform

“Cooperation in the Field of ICT” Report Outputs

Challenges

- **Lack of Language and Digital Skills:** Noting deficiencies in necessary foreign language knowledge and digital skills.
- **Lack of Market Knowledge and Access to Funds:** Difficulties in accessing current information about European markets and funding.
- **Deficiencies in Project Management Skills:** Highlighting a lack of expertise in managing processes for participation in EU projects.
- **Lack of Marketing and Sales Teams:** Issues with inadequate marketing and sales strategies leading to low profitability.
- **Lack of Competitive Capability:** The need to develop capabilities and skills for Turkish organizations to compete at the EU level.

Solutions and Needs

- **Establishing an Effective Governance Structure and Platform:** Suggesting the creation of an ecosystem and governance structure to support Turkey-EU ICT cooperation.
- **Information Sharing and Communication:** Facilitating information sharing, communication, and coordination through a dynamic platform.
- **Skill Development:** Enhancing skills in foreign languages, digital capabilities, and project management.
- **Monitoring Strategy and Objectives:** Regular monitoring, evaluation of the established strategies and objectives, and planning of new actions as needed.



Beginning Node

The New Generation Committee, which has been operating since 2013 by adopting the vision of the Turkish Informatics Foundation, has started to look at the great transformation we are going through with a different perspective, with the philosophy of It's Just Beginning, written by Faruk Eczacıbaşı at the beginning of the year 2018, and to lead those who choose to be part of the solution instead of responding to problems with deadlock. It was restructured under the name Beginning Node (BN), a social platform that promises friendship.

Beginning Node

Individual Capacity Enhancement Projects

English Practice Program – Online and asynchronous English education for university students
Partner: IBM, WEXT your english, YOUNIVERSENGLISH **Partner Country:** ABD & Turkey **Status:** Completed

Skillswatch – Determining the situation of young people in Turkey regarding the competencies of the future
Partner: Psylabs **Partner Country:** UK **Status:** Inventory will be sent

Game Changing Experience (2023) – Rotational internship program in the field of Digital marketing, Data science and Software
Partner: Eczacıbaşı AKBANK **Partner Country:** Turkey **Status:** Son rotasyon

Game Changing Experience (2024) – Rotational internship program in the field of sustainability
Partner: Eczacıbaşı AKBANK **Partner Country:** Turkey **Status:** Inventory will be sent

Artificial Intelligence and Software Program – Rotational internship program in Business Analyst field
Partner: Insider, YAPAY ZEKA FABRİKASI, softtech **Partner Country:** Turkey **Status:** Inventory will be sent

Artificial Intelligence and Software Program – Rotational internship program in Business Analyst field
Partner: iea, podbee media **Partner Country:** Turkey **Status:** Inventory will be sent

Beginning Node

Individual Capacity Enhancement Projects

Beginning Node Academy (2024) – Mentoring, training and career fair for 3rd and 4th grade students

Partner: enocta, TMMOB Makina Mühendisleri Odası, SILICONMADE ACADEMY, SCALE LAB

Partner Country: Turkey **Status:** Training continues

BN Library (2024) – Mentorship, asynchronous training and psychosocial support for earthquake-affected young people

Partner:

Partner Country: UK **Status:** Program Started

Corporate Capacity Enhacement Projects

Cross Border Innovate – International entrepreneurship training for young people and entrepreneurial internship opportunity in the Far East

Partner: REACTOR ENTRECAMP

Partner Country: Singapore **Status:** Application process

Global AI Alliance for Climate Action – Vector's project to produce applicable climate solutions by bringing together artificial intelligence experts and climate groups

Partner: VECTOR INSTITUTE

Partner Country: USA **Status:** Started

Mapping Climate Efforts – Researching and mapping what governments are doing at the unit level regarding the climate crisis

Partner: FFRC

Partner Country: Finland **Status:** Data Collection Process

Beginning Node

Events



Artificial Intelligence: Transformation of Societies and Companies



Bridging Horizons



Managing Uncertainty: Transforming Governance



BLOCKCHAIN
TÜRKİYE

Blockchain Turkey Platform

Blockchain Turkey Platform (BCTR), an initiative of the Turkish Informatics Foundation, has managed to become an exemplary ecosystem platform model not only in Turkey but also in the world, with its activities, members and collaborations in a short time. Its vision is "to create the Turkey that leads the decentralized system in its region" and its mission is "to create a sustainable blockchain ecosystem in Turkey and to create a sharing platform to eliminate the challenges of new era ways of doing business with this technology."

TÜRKİYE BİLİŞİM VAKFI

BLOCKCHAIN TÜRKİYE

Blockchain Turkey Platform

Executive Board



Faruk Eczacıbaşı
Vice President at Eczacıbaşı Group



Çiğdem Ayözger Öngün
SRP Legal Founder
and Managing Partner



Sabri Gökmenler
Deputy General Manager, İşbank



Gökhan Özdinç
Deputy General Manager
Yapı Kredi



Yasin Oral
Founder and CEO,
Paribu



Barış Gökalp
Director of Treasury at Sisecam



Tayfun İçten
Certified Public Accountant

TÜRKİYE BİLİŞİM VAKFI

BLOCKCHAIN TÜRKİYE

Blockchain Turkey Platform

Platinum Members

AKBANK · BtcTurk · bitexen · bitlo · bt.guru · BTS · CoinTR · DefineX · Doğuş Teknoloji · Eczacıbaşı · EGÜVEN Elektronik Bilgi Güvenliği A.Ş. · ENERJİSA Türkiye'nin Enerjisi · fexobit · Fireblocks · FORD OTOSAN · FUTURE BRIGHT GROUP · Garanti BBVA · GÜRİŞ 1958 · HALKBANK · TÜRKİYE İŞ BANKASI · KPMG · Limak · MLPCARE · PARİBU · QUICK SİGORTA · SABANCI Dx · ŞİŞECAM · SRP legal strateji regülasyon politika · Togg · token.com.tr RWAs & Tokenization · TURKISH AIRLINES · TURKCELL · YapıKredi · Ziraat Bankası

Gold Members

ARC LAW FIRM · ATEZ YAZILIM TEKNOLOJİLERİ İstanbul · Aygen · BGL BARSAN GLOBAL LOGISTICS · Deloitte. · DenizBank · DEVELIOGLU & DAG LAW FIRM · EnergyHUB · EY Building a better working world · GK8 · GÜNEŞ GÜMRÜK MÜŞAVİRLİĞİ · İSTANBUL GÜMRÜK MÜŞAVİRLERİ DERNEĞİ · KARACA GÜMRÜK MÜŞAVİRLİĞİ · Kolcuoğlu Demirkan Koçaklı · metaco · MİGROS · pwc · SILICONMADE ACADEMY · SOCAR · softtech · ÜGM ÜNSPED GÜMRÜK MÜŞAVİRLİĞİ · UND

TÜRKİYE BİLİŞİM VAKFI

BLOCKCHAIN TÜRKİYE

Blockchain Turkey Platform

Working Groups

- Finance, Banking & Insurance
- Law & Regulation
- Tax, Accounting & Auditing
- Manufacturing, Logistics & Transportation
- On-Chain
- Energy
- International & Academic Relations

Sub-Working Groups

- Health
- Tokenization



TÜRKİYE BİLİŞİM VAKFI

BLOCKCHAIN TÜRKİYE

Blockchain Turkey Platform

The 5th anniversary of the establishment of Blockchain Türkiye (BCTR) Platform was celebrated with a special meeting. At the event, BCTR Executive Board members and BCTR Working Groups shared their presentations, while **DAO, NFT and KVKK reports** were launched.





The **"Tokenization: Money and Asset System of the Future"** report prepared by the Finance, Banking and Insurance Working Group has been published.



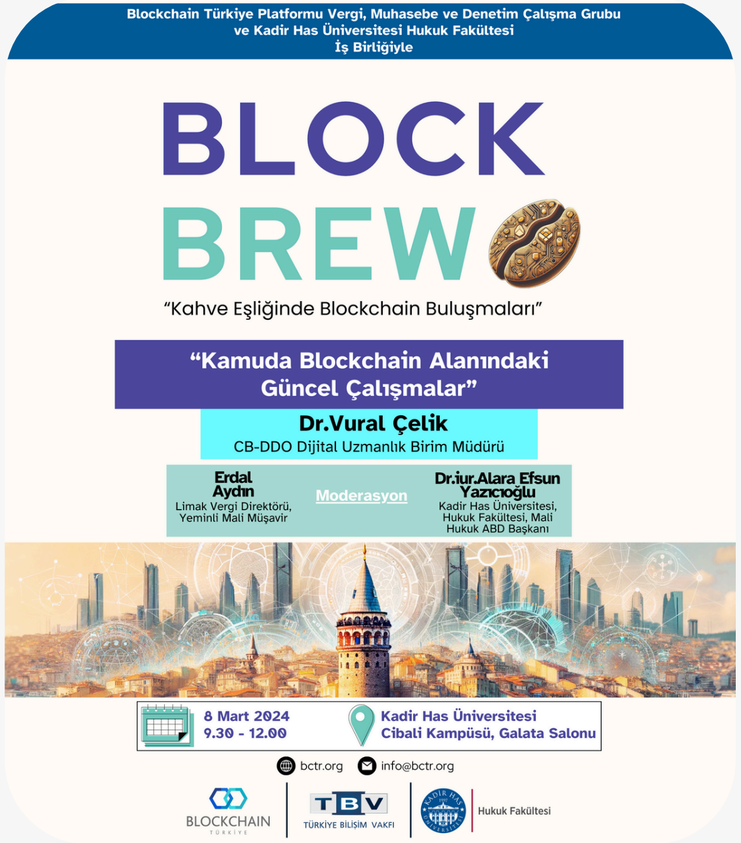


Blockchain Turkey Platform

The first of the **Block Brew** serie, launched in cooperation with the Tax, Accounting and Audit Working Group and Kadir Has University Faculty of Law, was held under the title **"Current Studies in the Field of Blockchain in the Public Sector"**.

The second **Block Brew** serie is planned for the end of May.





Türkiye'nin
Yapay Zeka
Platformu
www.ai.org.tr



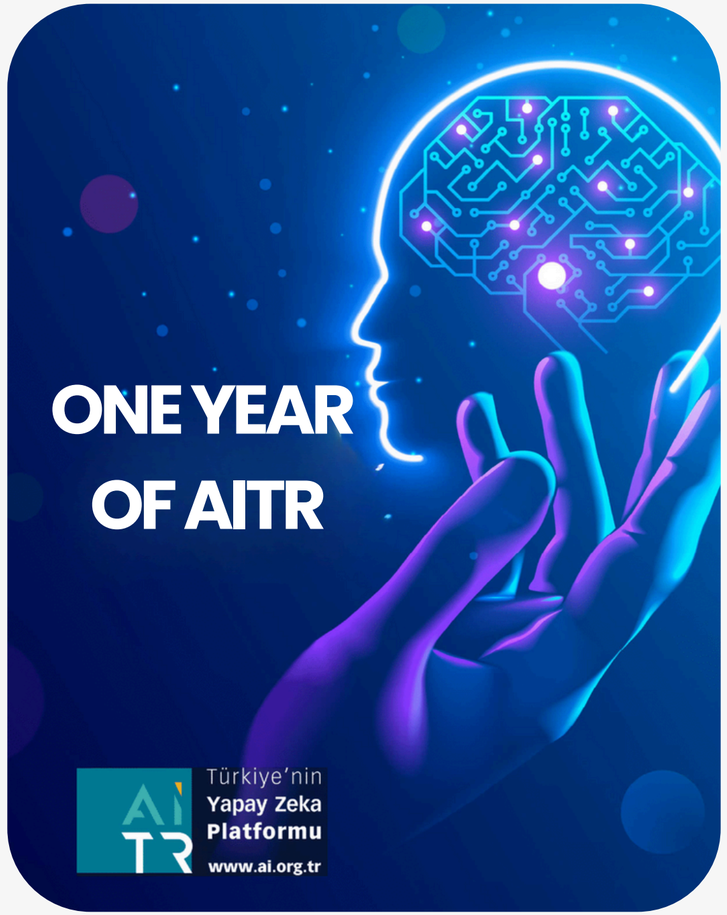
Turkey's Artificial Intelligence Platform

AITR is an civil society platform structured to take part in Turkey's adaptation process to developing and changing smart Artificial Intelligence technologies, in cooperation with the Turkish Informatics Foundation (TBV) and ITU. It aims to create a national and international ecosystem network for artificial intelligence technology through collaborations with public, private sector and academy consortiums.

Turkey's Artificial Intelligence Platform

TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr



TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

Main Partners

AKBANK

Doğuş Teknoloji

ECZACIBAŞI BİLİŞİM

FORD OTOSAN

Garanti BBVA

İTÜ

KPMG

ŞİŞECAM

TÜRKİYE İŞ BANKASI

vodafone business

TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

23.12.2023
AITR Istanbul Artificial Intelligence Summit

Istanbul Artificial Intelligence Summit, which attracted a wide range of participants, was hosted by Türkiye İş Bankası.

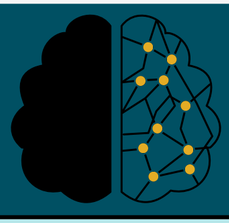
AITR İstanbul Yapay Zeka Zirvesi



TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform



Opening Speeches

- **Faruk Eczacıbaşı** (TBV Chairman)

Panels: How Do Technology Decision Makers Resist Artificial Intelligence Developments? Sectoral Perspectives in Two Sessions

1. Generative Artificial Intelligence Applications and Change Prospects

Moderator: *Prof. Dr. Altan Çakır (İTÜ/AITR)*
Sabri Gökmenler (İş Bankası CIO)
Hilmi Koçak (Eczacıbaşı CIO)
Özcan Çavuş (Doğuş CDO)
Yekta Caymaz (Arçelik CIO)

---

2. Science and Innovation with Artificial Intelligence, Artificial Intelligence Studies for Society

Moderator: *Zehra Öney (WTech - Founder CEO)*
Prof. Dr. Hatice Köse (İTÜ)
Prof. Dr. Çiğdem Gündüz Demir (Koç Üni.)
Prof. Dr. Erdem Büyüksağiş (Fribourg Üni./Yeditepe Üni.)
Doç. Dr. İbrahim Kulaç (Koç Üni. Hastahanesi)

Panels: Development Speed of Artificial Intelligence, Investments and Scaling

3. The Importance of Artificial Intelligence for the Business World, Development Speed and Scaling

Moderator: *Levent Kızıltan (TBV/AITR)*
Gökhan Mataracı (KPMG - Partner)
Hayriye Karadeniz (Ford Otosan CTO)
Mehmet Sinan Toktay (Insider CTO)
Kıvanç Uslu (AWS CTO)

---

4. Artificial Intelligence Investments, Productive Artificial Intelligence Technologies Focused on Business Development

Moderator: *Meltem Vural (İş Bankası)*
Barış Karakullukçu (İş Bankası AI Factory)
Deniz Mendi (Tubitak YZ)
Numan Numan (212 Invest)
Ali Şahin (GM - Founder One)

Presentation of AITR 2023 Reports

Artificial Intelligence for Society Entrepreneur Pitch Competition

TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

AITR Istanbul Artificial Intelligence Summit

AITR Istanbul Artificial Intelligence Summit was organized in cooperation with the Turkish Informatics Foundation and Istanbul Technical University and brought together the leading names of the sector, academicians and the business world. This summit, held at Istanbul İş Towers on December 23, offered a comprehensive perspective on the future, development and social impacts of artificial intelligence.

At the summit, issues such as the social balance of artificial intelligence technologies, individual and public relations, and the integration of academia and commercial environments with the state were discussed.





TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu

www.ai.org.tr

Turkey's Artificial Intelligence Platform

AITR Istanbul Artificial Intelligence Summit

The focal points of the summit included topics such as the rapid adaptation of artificial intelligence technologies, disruptive initiatives, the development of investment processes, education, academic practices and public policies within the framework of legal and ethical issues. Panel discussions focused on productive artificial intelligence applications, science and innovation, artificial intelligence studies for society, the business world's view of artificial intelligence, investments and productive artificial intelligence technologies focused on business development.





TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

AIWARENESS









TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

AIWARENESS

1

27.04.2023

“Disaster and Earthquake”

ITU Disaster Management Institute Lecturer Member, Dr. Gülşen Taşkın

2

25.05.2023

“From Driver to Algorithms Transition to Logistics with Autonomous Trucks “Future”

Ford Otosan Autonomous Driving and Driver Support Systems Leader, Berzah Ozan

3

25.10.2023

“Companies' Data-Driven Transformation Journey and Generative Artificial Intelligence (GenAI)”

Doğuş Technology, Data Solutions and Data Privacy Group Manager, Bülent Işık

4

30.11.2023

“Generative Artificial Intelligence and Big Language Model Studies: “The Role of Pre-Training, Fine-Tuning and Company-Specific Models”

Arçelik Data Science and Artificial Intelligence Leader Habib Gültekin

5

25.01.2024

"Innovation with Generative AI: Harness the Power of AI to Accelerate Business Innovation"

Hasan Basri Akırmak - AWS, Technology Manager

"Productive Artificial Intelligence Studies at Doğuş Technology"

Sezin Tunaboylu - Doğuş Technology, Data Science Group Manager

6

29.02.2024

"Comprehesive Learning: The Next Step in the Artificial Intelligence Revolution"

Associate Professor. Nazım Kemal Ure

"Artificial Intelligence Studies and Cultural Transformation at Eczacıbaşı"

Cansu Aktaş Dinçel - Eczacıbaşı Bilişim, Lead Data Scientist

7

28.03.2024

"Artificial Intelligence, Intellectual Property Rights and Protection of Personal Data”

Prof. Dr. Erdem Büyüksağiş

“Analytical and Data-Oriented Banking: “Changing Roles, Case Studies and Applications”

Beyazıt Karabulut - Akbank, Analytical Lab Manager

TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

YÖK Meeting

Generative Artificial Intelligence in Higher Education: Higher Education Council-Sector Meeting" was held with the broad participation of figures from TBV and AITR.

The event, hosted by Istanbul Technical University, held with the participation of **Erol Özvar, President of YÖK**; Rectors from Turkey's universities and industry stakeholders came together.

At the meeting, in which Faruk Eczacıbaşı also participated, many names from both the industry and the academy who were **members of the AITR Executive Board and Advisory Board were present.**







TÜRKİYE BİLİŞİM VAKFI

Türkiye'nin Yapay Zeka Platformu
www.ai.org.tr

Turkey's Artificial Intelligence Platform

Boğaziçi Ventures AI Summit

- AITR and Turkish Informatics Foundation provided wide participation to Boğaziçi Ventures AI Summit.
- At the AI Summit, the status of current investments and developments was examined, and the actual and potential disruptions brought by artificial intelligence to different industries were discussed. The event aimed to **offer a visionary perspective with local and global speakers** from different industries.
- AITR, Turkish Informatics Foundation and Beginning Node were among the partners of the event.







TÜRKİYE BİLİŞİM VAKFI

Other Projects and Activities





Trainings

Technology Developers...

Within the scope of the **"Digital Technology Developers"** social responsibility project implemented by SAS together with TBV, the Workshop on **Enriching Academic Education Focusing on Analytics and Artificial Intelligence and other training activities** were held for academics working at universities. The training was organized with the participation of SAS Global Academic Program Senior Manager Murray de Villiers and SAS Global Academic Program Manager Ahmed Kamal.

İstanbul Teknik Üniversitesi, Kadir Has Üniversitesi, Ankara Bilim Üniversitesi, Medipol Üniversitesi, Bilgi Üniversitesi ve Koç Üniversitesi'nden akademisyenler katılım sağladı.











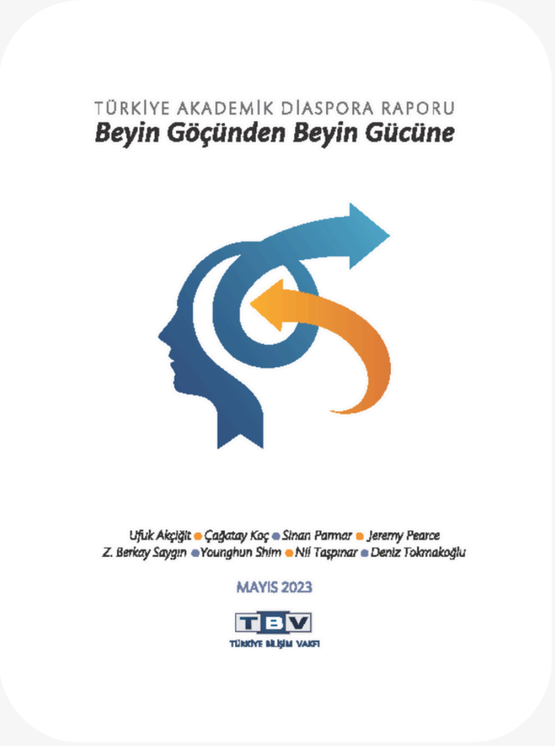
TÜRKİYE BİLİŞİM VAKFI

Reports

Brain Drain & Brain Power!
Press conference 10.04.2023

In the report, the Turkish scientific environment in Turkey and abroad has been tried to be shown from many perspectives using available data and publicly available sources. The aim is to make a detailed examination of the scientific environment of Turks in Turkey and around the world and to produce solution suggestions, to set an example for other research to be conducted in the light of new and large data sets in the style used, and to create a basis for the communication of researchers in Turkey with Turkish researchers abroad. .





TÜRKİYE BİLİŞİM VAKFI

THE UNIVERSITY OF CHICAGO 1890

Click to Read

TÜRKİYE BİLİŞİM VAKFI

Reports

“Turkish Academic Diaspora Report: “From Brain Drain to Brain Power” - Key Outputs

Economic Development and Productivity

- Since the 1960s, Turkey's per capita income has remained at the level of 20 percent of the USA, but countries such as Singapore, South Korea, Lithuania, Poland, Chile and China have surpassed Turkey.
- The success of these countries was achieved not only by capital growth but also by investments in their productivity.
- Productivity needs to increase for Turkey to get out of the middle income trap.

Education and Research

- In order to develop human capital, equal opportunities should be provided to all talents in society.
- Turkey ranks third from last among OECD countries in terms of income inequality and low researcher ratio.
- While public expenditures are low, private household expenditures on education are quite high.

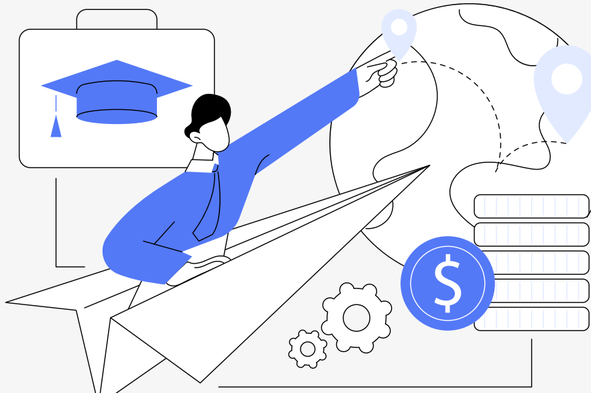
Scientific and Technological Production

- The number of articles and patents per capita is directly proportional to economic development.
- Turkey lags behind among OECD countries in terms of the number of articles, patents and national income.

Higher education and R&D

- The resources allocated for higher education cannot be used efficiently and do not turn into scientific output.
- Incentives given for R&D do not produce positive results.





TÜRKİYE BİLİŞİM VAKFI

Reports

“Turkish Academic Diaspora Report: “From Brain Drain to Brain Power” - Key Outputs

Researcher and Student Dynamics

- While the number of master's and doctoral theses in technical fields has increased rapidly in the USA, they have lagged behind in Turkey.
- After 2015, the number of researchers in Turkey started to decrease, which indicates that there may be an increase in brain drain.
- Brain drain causes Turkey to lose its most productive researchers, but researchers who move abroad leave indirect positive effects on those who stay in Turkey.



Policy Recommendations

- Preventing discrimination in education and science and providing an independent environment where researchers can produce new ideas.
- Focusing on quality in research, identifying and preventing the causes of brain drain.
- Encouraging Turkish researchers abroad to contribute to the Turkish science ecosystem.
- More effective use of R&D supports and strengthening the positions of women researchers.
- Measuring the effects of policies and organizing broadly representative meetings with researchers.



TÜRKİYE BİLİŞİM VAKFI

Founder One

New generation impact investment fund...

- Established in cooperation with TBV, Turkish Entrepreneurship Foundation and Maxis Venture Capital Portföy Yönetimi AŞ (İş Bank). “Founder One” evaluates applications for impact start-ups.
- Impact investments; They are investment strategies that aim to create measurable social or environmental benefits in addition to financial returns.





TÜRKİYE BİLİŞİM VAKFI

Founder One

2023 General Evaluation

Total Investment: 2.875.000 USD

Average Investment: ~100.000 USD

FİKS* Expected Share Ratio: >%5

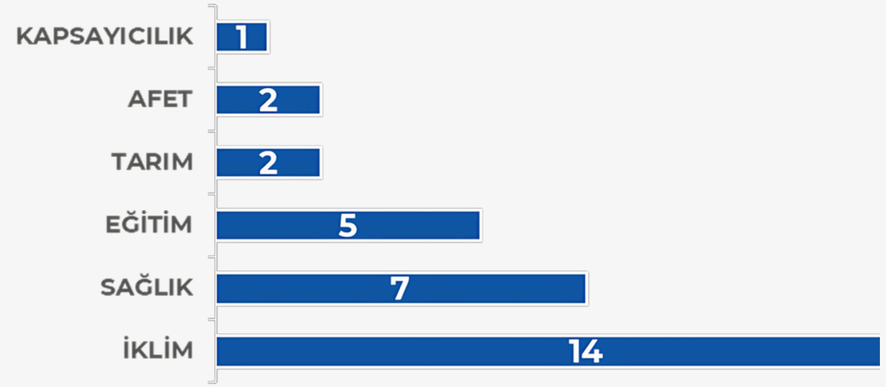
Ventures Submitted to the Investment Committee: 75

Investment Decision: 45

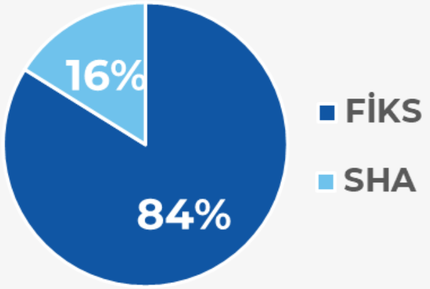
Number of Investments: 31

***FİKS:** Financing Mix Agreement: Convertible Debt Agreement designed specifically for Founder One

Focus Sector Distribution



Financing



TÜRKİYE BİLİŞİM VAKFI

Founder One

Impact Investments Portfolio

CLIMATE

FAZLA GIDA
givin FOR GOOD
hab
KAVAKEN
Logo
MATERIX
milkApp
SWATCHLOOP
varsapp
WASTESPRESSO
VERDANT WAVE
werover
yenir

HEALTH

Goddess
kidolog
ERG Controls
kidokit
Bizim Doktor Anında, hep yanınızda!
DAPHA

INCLUSIVITY

B'inclusive

AGRICULTURE

ForFarming
tarlam

DISASTER

binamod
ionoterra EARTHQUAKE PREDICTION HOURS IN ADVANCE

EDUCATION

ARGEDU ONLINE EDUCATION
TOYI
TEACHERX
Tunga games
WEXT

The Goal: ~80 Impact Investment

TÜRKİYE BİLİŞİM VAKFI

Workup Gaming

22.12.2023

The activities we started 5 years ago on "learning through games" and "educational games" have turned into a much broader ecosystem with the support of İşbank. The official start of the program, which started its operations in March 2023, took place in June. A very productive process, including special training and mentoring sessions with 10 projects/studios among more than 200 applications, has been successfully completed, and at this stage, a decision to invest a total of over 1 million dollars in 4 projects has been taken.

Learning with Game



TÜRKİYE BİLİŞİM VAKFI

Workup Gaming

2023 Graduates

- **Compactive:** A game studio that develops casual games with innovative mechanics and technologies that game developers can use.
- **Funly:** A game studio that aims to develop the imagination, creativity and problem-solving skills of children and young people by producing both educational and entertaining games, and for parents to spend quality time with their children.
- **Funrika:** Experienced game studio with long experience in digital game development in the field of education, releasing hybrid casual games.
- **Gamester:** An experienced game studio founded to develop social interaction, competition and entertainment-oriented games and continues to work in line with the trends of the global game industry.
- **Hyperactive:** A game studio that aims to develop interactive and artificial intelligence-based educational games supported by moving activities.
- **KidLab:** A game studio that produces games developed for children between the ages of 2-8 to use technology efficiently, including intelligence-enhancing activities and informative content for parents about child development/education.
- **OYEDU:** An educational technology initiative that focuses students' interest in the virtual world on education by presenting the middle and high school curriculum with gamification in a mobile application and plans to create social impact.
- **Pangea VR:** A game studio that aims to develop educational console games for children under 12 years of age, teaching them important skills, global warming, sustainability and eco-friendliness while having fun with engaging gameplay, colorful characters and simplified controls.
- **Tunga Games:** A game studio that produces educational games and social games in the digital game industry, including learning tools that trigger thinking, enable learning by understanding, and target skills that form the basis for further learning.
- **Yuyuto Games:** A game studio focusing on strategy and simulation games, developing and publishing online mobile games, including Ticarium.

TÜRKİYE BİLİŞİM VAKFI

The 3rd IT Council

Legal and Ethical Working Group's 1st Workshop

Hosted by the Turkish Informatics Foundation (TBV), the 3rd Information Technology Council's Legal and Ethical Working Group's 1st Workshop brought together industry professionals, academics, and relevant institutions to conduct in-depth discussions on legal and ethical issues related to information technology.

The rapporteurs of the 3rd Informatics Council of Turkey, Informatics Law and Ethics Working Group are Pınar Çağlayan Aksoy, Begüm Ertürk and Filiz Piyal.







TÜRKİYE BİLİŞİM VAKFI

The 3rd IT Summit

Legal and Ethical Working Group's 1st Workshop

Participants, who were divided into sub-working groups based on problem areas, exchanged ideas about the expected developments in **technical and legal fields in 2030 Turkey and Turkey's future position.**



Problem Areas:

- Protecting personal data, ensuring privacy and preventing digital manipulation
- Ensuring trustworthy and responsible AI: Law and Ethics
- Copyright and intellectual property in the digital world, creative cultural industries
- Innovative approaches in regulatory processes
- Use and dissemination of digital assets, digital money and smart contracts

TÜRKİYE BİLİŞİM VAKFI

Istanbul Codes

Turkey's First Social Impact Bond

It is a project that provides young adults who want to have a profession in the field of software and technology with the necessary knowledge and skills through free and comprehensive training, and enables them to get jobs in Turkey's leading institutions. This project, which aims to develop qualified human resources in the field of technology, also aims to increase the representation of women in the sector.

İstanbul Kodluyor

Trainings for Gaining a Profession in the Field of Software and Technology

Vocational Training

- Online Live Lessons
- Video Contents
- Campus Meetings in Istanbul
- Project Applications

Professional Development

- Business Success Trainings
- Industry Meetings and Webinars
- Career Development Support
- Mentoring

TÜRKİYE BİLİŞİM VAKFI

Istanbul Codes

How is the Project Supported?

Istanbul Codes is Turkey's first social impact bond project. Social impact bonds are performance-based contracts that find solutions to social problems and aim to achieve results that will create measurable, positive, social and environmental impact.



Istanbul Kodluyor

Go to Website

TÜRKİYE BİLİŞİM VAKFI

VOCTEST-III

Demand-Driven System-Based Digital Transformation Professions Development Project

- **Project Name:** Demand-Driven System-Based Digital Transformation Professions Development Project
- **Program Name:** VOCTEST Centers-III Grant Program
- **Project Applicaiton Period:** 01.11.2020 – 30.04.2022
- **Project Applicaiton Period(Extend):** 01.05.2022-30.06.2023
- **2nd Extend:** 31.07.2024
- **Project Budget:** 266.478,15 €



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir.

MYK
Yetkilendirilmiş Belgelendirme Kuruluşu

TÜRKAK
Personel
TS EN ISO/IEC 17024

TÜRKİYE BİLİŞİM VAKFI

IQWETIII



Bu program, Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir.

Sektörel Mükemmeliyet Merkezlerinin Kurulması Yoluyla Mesleki Teknik Eğitim (MTE) Kalitesini Artırmak

TREESP2.1.IQVETIII/P-03/40

Bilişim Teknolojileri Dönüşümünde Yenilikçi Yaklaşımlarla Mesleki Teknik Eğitim (MTE) Kurumlarının Kapasitelerinin Artırılması (BC2IT)

İKG PRO İNSAN KAYNAKLARININ GELİŞTİRİLMESİ PROGRAM OTORİTESİ

T.C. MİLLİ EĞİTİM BAKANLIĞI

T.C. ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI

TÜRKİYE BİLİŞİM VAKFI

TÜRKİYE BİLİŞİM VAKFI

IQWETIII

Goals of the Project

Main Goals of the Project

- Establishing a Competency Development Center (SCVCD) in Istanbul.
- To train Information Technology Teachers in Vocational Technical Education schools within the Ministry of National Education on developing IT issues, to organize domestic and international study visits, job training and round table meetings.
- To create a platform with MTE schools, business sector, NGOs and stakeholders.
- To train ambassadors who will act between MTE and the business sector.
- To take good practices abroad and apply them in Turkey.



TÜRKİYE BİLİŞİM VAKFI

IQWETIII

Project

Project Name: Increasing the Capacity of Vocational Technical Education Institutions with Innovative Approaches in Information Technologies Transformation (BC2IT)

Project Budget: 617.906.59 Euro

Project Period: 18 Month (01 Feb 2022 - 31 July 2023)

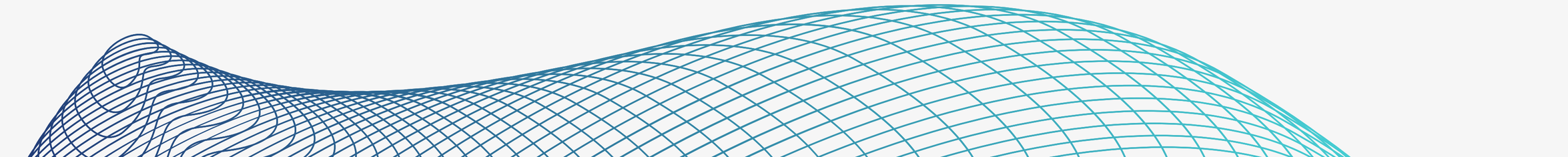
Beneficiary: Turkish Informatics Foundation (TBV)

İKG PRO İNSAN KAYNAKLARININ GELİŞTİRİLMESİ PROGRAM OTORİTESİ

T.C. MİLLÎ EĞİTİM BAKANLIĞI

T.C. ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI

TÜRKİYE BİLİŞİM VAKFI



TÜRKİYE BİLİŞİM VAKFI

Disaster Focused Studies

TBV Disaster Focused Stakeholder Mapping (May 2023 - March 2024)

- By mapping the resources (financing, human resources, technology, etc.) of the stakeholders in the TBV network and the disaster-oriented activities they carry out, it was aimed to create a basis for the rapid and effective mobilization of these resources in the next emergency. Mapping work was started with a grant support of 107 thousand Turkish Liras from the European Union Civil Düşün fund. With the content contribution of the Needs Map, it will take its final form at the end of March or April.

Disaster Focused Program Recommendations

- TBV Disaster Focused Projects (Network Mobilization, Disaster Focused Entrepreneurship, Innovation Transfer, Container-city Hackathon)
- TBV Post-Disaster Recovery Contribution Strategy (Direct Response – Capacity Building – Impact Investment – Agenda Setting & Policy Recommendations – Chile Example “Lifting Up Chilie”)



TÜRKİYE BİLİŞİM VAKFI

Disaster Focused Studies

Cooperation with UNICEF

- After putting on our agenda what can be done jointly with UNICEF in the work carried out in the disaster area, U Nicef Resident Representative Paolo Marchi's visit to TBV discussed improving UNICEF cooperation and developing educational programs for young people and children.
- **February-March 2024 -** A 3-4 week training program was designed with the support of UNICEF through the Starting Point Academy, with the participation of 40 young people, especially from disaster areas.

Needs Map and Disaster Platform Cooperation Meeting

- Negotiations have begun for TBV's participation in the Disaster Platform.





TÜRKİYE BİLİŞİM VAKFI

Disaster Focused Studies

Akbank Hackathon: DisasterTech

- Akbank Hackathon: DisasterTech event, in which we participated as TBV, focused on developing solutions that will protect and save lives before, during and after natural disasters.
- Nearly 500 people from 176 different teams applied and 33 selected teams developed projects. In the final of the competition, held at Sabancı Center on October 22, 2023, 10 different ideas were presented to the jury for evaluation. The top three teams won the awards.



TÜRKİYE BİLİŞİM VAKFI

TBV 2023-2025
Board of Directors & Auditing Board


Faruk Eczacıbaşı


Bülent Gönç


Dr. Ayşe Ufuk Ağar


Rahmi Aktepe


Murat Alsan


Burak Aydın


Yasin Beceni


Berrin Benli


Prof.Dr. Kemal Cılız


Dr. İzel Levi Coşkun


Prof.Dr. Altan Çakır


Hande Çilingir


Berç Çubukciyan


Barış Erdemir


Dr. R. Erdem Erkul


Murat Melih Ertem


Mehmet Atakan Foça


Özgür Güneri


Emrehan Halıcı


Ahmet Hançer


Erman Karaca


Levent Kızıltan


Barış Karakullukçu


İlker Kuruöz


Ahmet Öngün


Mert Özgür


Barış Özistek


Can Selçuki


Ahmet Ussal Şahbaz


Tolga Ulutaş


Doç.Dr. Dide Yurdakul


Ceren Zeytinoğlu Atıcı


Serdar Urçar


Tayfun Uğur


Ali Saydam


Cüneyt Kalpakoğlu

TÜRKİYE BİLİŞİM VAKFI

Financial Status

Turkish Informatics Foundation acts with the principle of transparency in line with its founding principles and the corporate principles it believes in. With this understanding, our financial statements are presented to our members and the public.

2024 Membership Fee

Our Foundation evaluates limited number of membership applications,
provided that they have activities that will support the vision of
"Contributing to Turkey's transformation into an Information Society and technology for good".

Corporate Member Fee

120.000 TL

Individual Member Fee

10.000 TL

TÜRKİYE BİLİŞİM VAKFI

2023

Turkish Informatics Foundation Activity Report

We would like to thank all our members, stakeholders and supporters who contributed to the realization of our projects and activities included in the content of this report.

Dijital Türkiye

obn

BLOCKCHAIN TÜRKİYE

Türkiye'nin Yapay Zeka Platformu

www.ai.org.tr