



Huawei Turkey R&D Center Introduction

Merve KUZU & Fatih MERT

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Merve KUZU

I started to my working life in my university period and worked as a Communications Officer in the media, energy and IT sectors in my professional career until today. I am currently working as Communication and Marketing Manager at Huawei Turkey R&D Center.



B.Sc. : Communications and PR



M.Sc. : Communications and PR



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<https://www.linkedin.com/in/mervekuzu/>

Fatih MERT

Following software development and strategic marketing experiences, I've been working as R&D Manager at Huawei Turkey and in charge of managing Technology Cooperation & Planning Unit, since 2019 August.



Since 2021 March, I've been giving voluntary mentorship to academically bright students through several local and global Organizations.



B.Sc. : Software Engineering

M.Sc. : Computer Engineering

Ph.D. : Computer Engineering



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<https://www.linkedin.com/in/fatih-mert>

Huawei Global : Leading Provider of ICT Infrastructure and Smart Devices

Bring digital to every person, home and organization for a fully connected, intelligent world



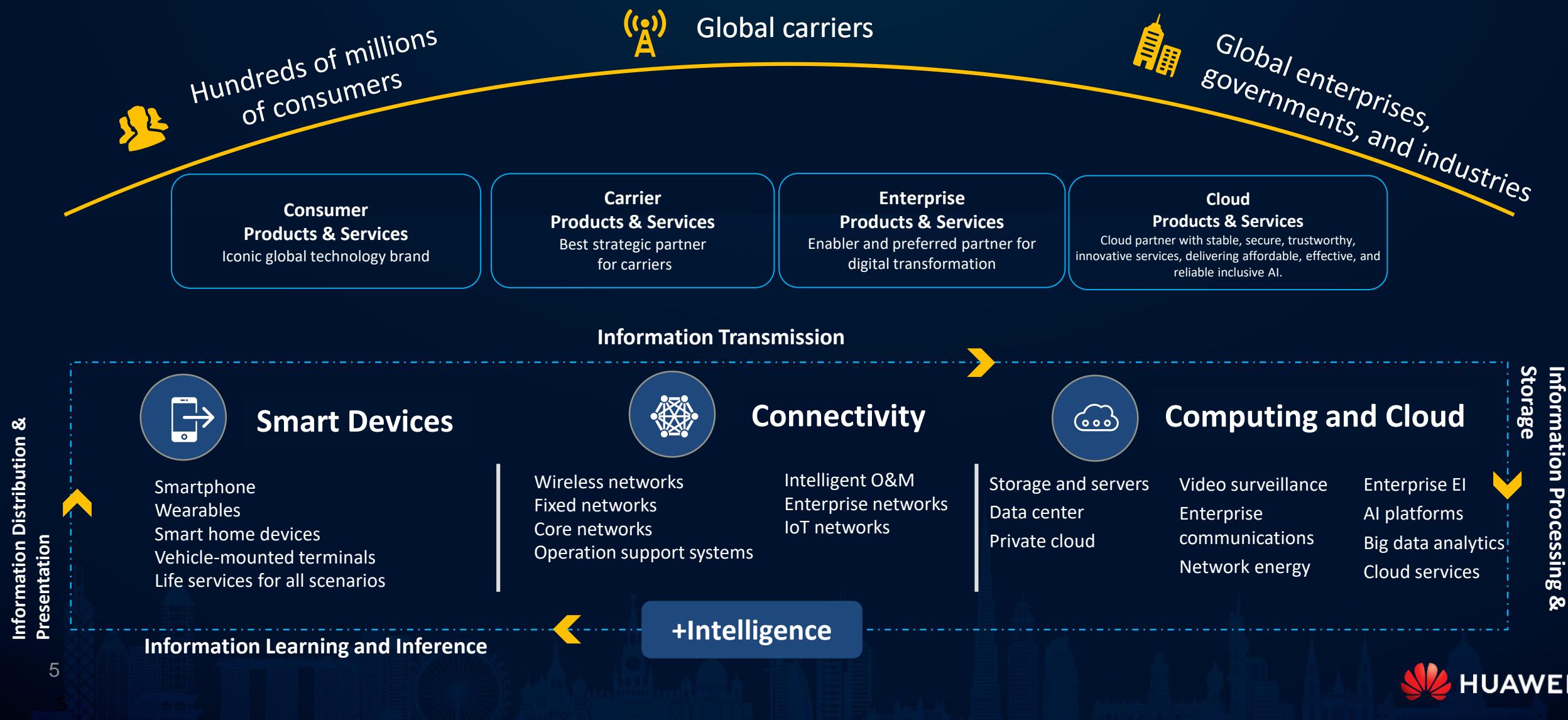
197,000+
Employees

105,000+
R&D employees

170+
Countries and regions

#9 on
Brand Finance Global 500

Focusing on Smart Devices, Connectivity, Computing, and Cloud; Providing Products and Solutions for Different Customer Groups



Huawei Turkey: 20 Years Continuous Investment, Roots Deeply in Turkish ICT Development



Started Business



R&D Center Opened



Mr. President visit Huawei Beijing R&D



Open Lab Opened



5G Valley with BTK



ICT Academy Program Started

2002

2008

2010

2013

2015

2016

2017

2018

2020

Vision 2023

Training Center Opened



Universal Project Started



4.5 G Launch with 3 Operators



Local Production Started



HMS Central for Overseas



Contributions

- 1500+ employee, 90% local
- 900+ R&D Employees
- 5000+ indirect employment
- 1000+ Engineers Trained in Training Center, Keeping cultivate ICT Talents

- 2,738 rural village with 527,000 People connected
- 10M Home Internet and 59M Mobile Subscribers
- Agile Home Access, Best User Experience most Efficient Infrastructure with Innovations
- 0 Break in Earthquake and Pandemic

- \$1.64B+ Procurement since 2010
- 300+ Local Suppliers
- 300+ R&D Partners
- 100+ OpenLab Partners

\$309M+ Local Investment, \$395M+ Tax (since 2010)

Centers



R&D Center



OpenLab



Local Factory



Training Center

Huawei Turkey R&D Center Overview



Throughout 10+ Years :

Total **214M+ USD** investment

900+ employees with:

- Researchers
- Software Developers
- Software Testers
- System Engineers
- Solution Architects
- Project Managers
- Quality Engineers

13

TUBITAK TEYDEB Projects Have
Been **Implemented**

50+

Academic Papers Have Been
Published



Delivered projects to:

40+

customers

30+

countries

100+

projects

5000+

ICT Talents cultivated

Ranked **in Top 20** among all R&D Centers
in Turkey for R&D Expenditure

Ranked **3** in Telecommunication domain
R&D spending in Turkey



Cooperates with:

20 Universities

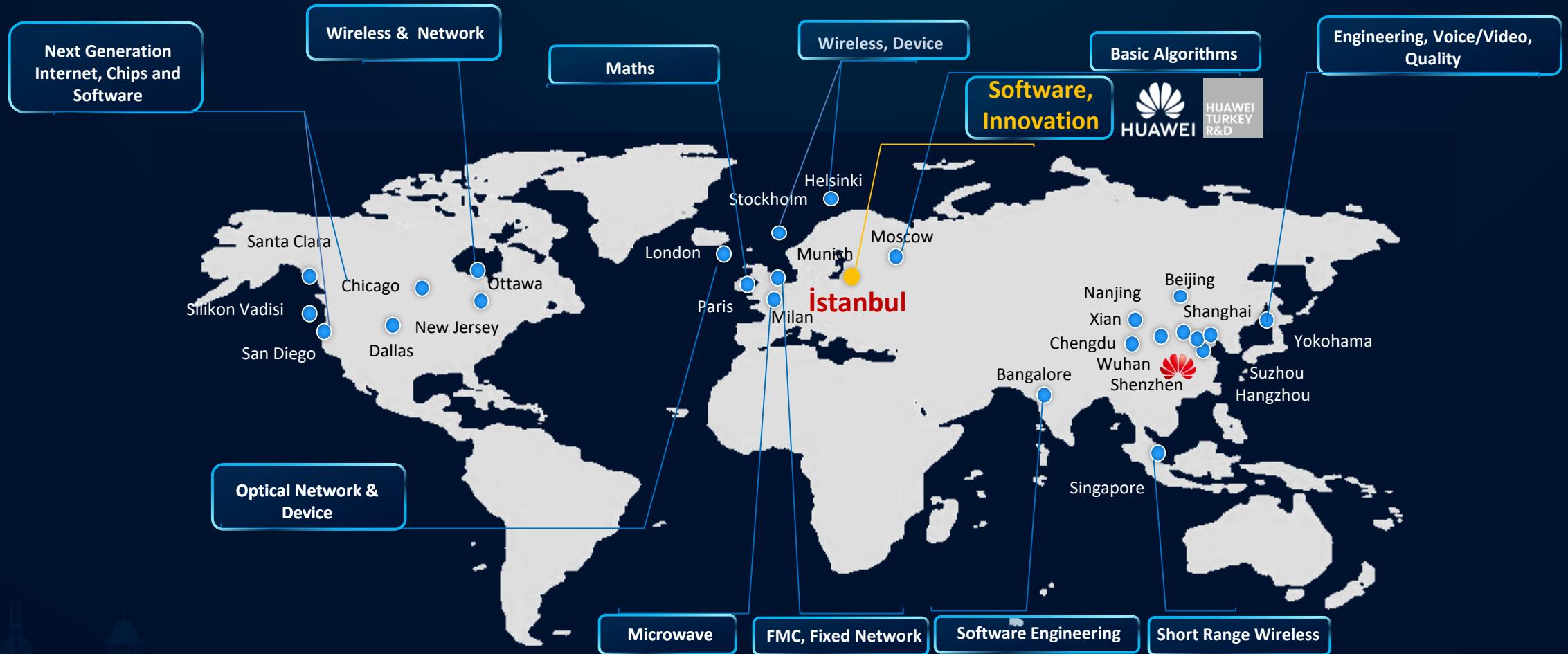
20+ professors



Has ICT Academy Partnership with :

20+ universities and institutions

A Prominent Software R&D Center Outside China



Huawei Turkey R&D Innovation & Projects

Telecom / Wireless

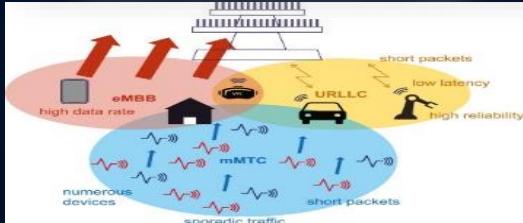
4.5G / 5G Use Cases



Smartcare / Data Management



4.5G / 5G Wireless / EWL



Mobile Services

Huawei Mobile Services



Petal Search



AppGallery



Enterprise Applications

Safe / Smart City



AppCube



Business / IT Process



Huawei Cloud

Talent Interview



Huawei Cloud Service



Supreme Test



5G Events & Use Cases Supported by Huawei Turkey R&D

BTK 5G Valley



5G VR Sightseeing



5G Controlled Drone



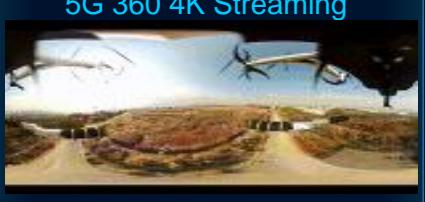
AI Remote Education



5G Cloud Gaming



5G 360 4K Streaming



5G Iron Factory



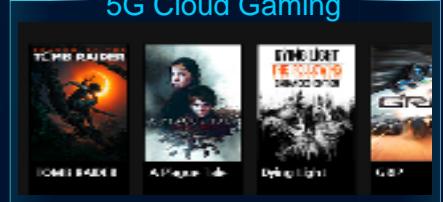
5G Controlled Drone



AI Remote Education



5G Cloud Gaming



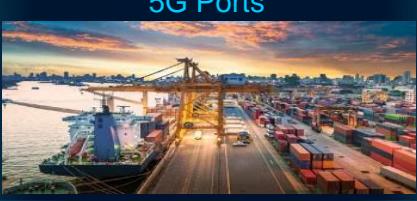
VR 4K Video



5G VR Real Estate



5G Ports



5G Backpack Live



4K Football



5G 360 4K Streaming



5G VR Real Estate



5G 4K Live Stream



5G Manufacturing

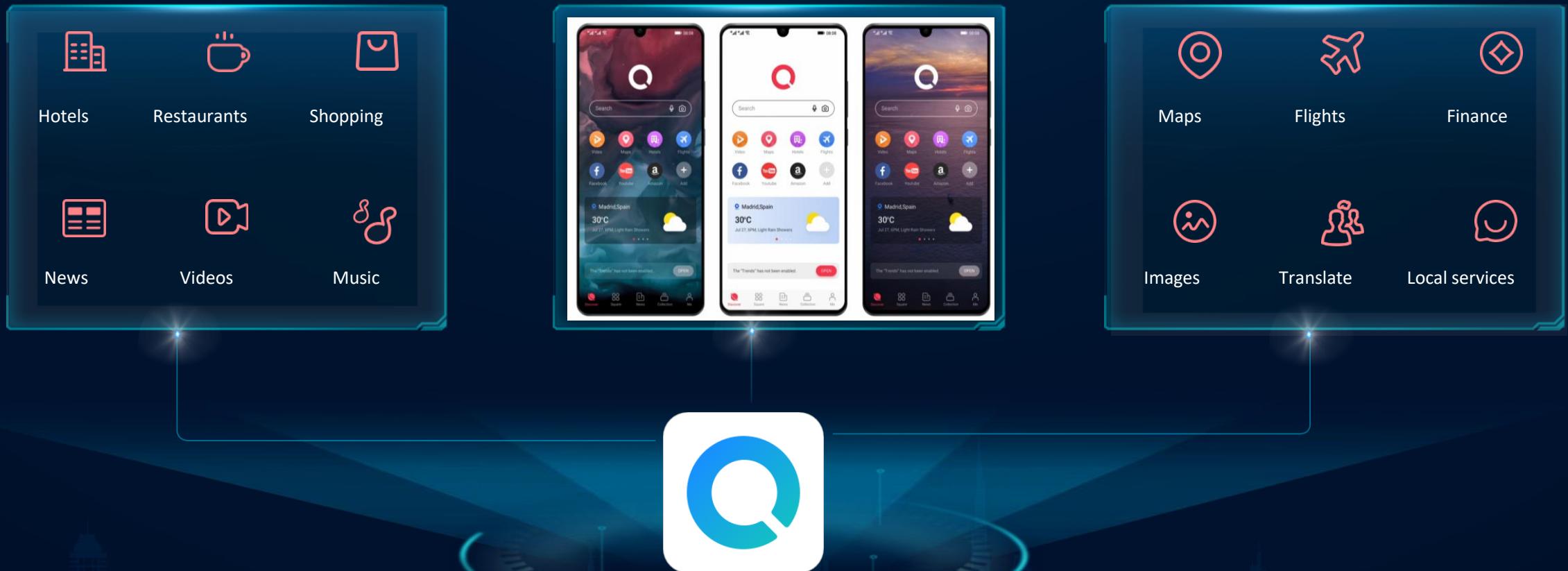


5G Mining



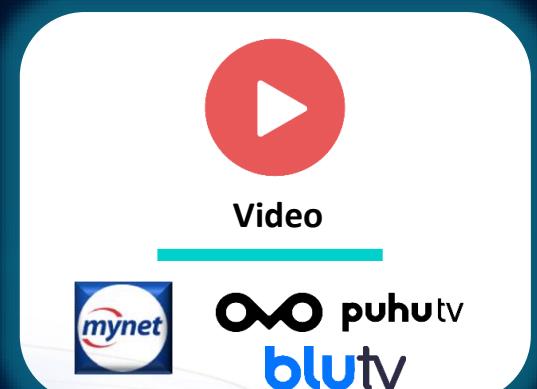
Mobile-First Search Engine : Petal Search

Cooperating with 100+ local content providers (CPs) to achieve rich local search ecosystem



Mobile-First Search Engine : Petal Search

Cooperation with local content providers (CPs), we support our partners to acquire user and traffic



Turkey R&D Promoting Strong Industry – Academy Collaborations

ICT Academy Cooperation in Turkey



Until now, ICT Academy cooperation with **20+ academies** and institutions has been established. With the help of this program, it is aimed to :

- Bridge the gap for ICT knowledge and required skill set for the industry.
- Build an ICT industry talent ecosystem in Turkey.

We have been designing our courses with our talent partner alliances and started operating them in 2021.

1 Million Developer Program and Coding Marathon Cooperation



Successful cooperation has been built with Information and Communication Technologies Authority (ICTA – BTK). **Coding Marathon** on AI and HMS topics was executed together with the participation of **2368 people**. Also, **3 courses** have been prepared by Turkey R&D Center experts and published to BTK Academy platform to support **nurturing 1 million developers in Turkey**.

NLP

Computer Vision

HMS

Technical Research Studies and Academic Collaborations

Post-5G Research Studies

Huawei Turkey R&D Center engaged in a 3-year cooperation project with Huawei Ottawa Wireless Advanced System Competency Centre and Bilkent University for another strategic research project called "**Study on Machine Learning Based Source Compression Architecture**", where Huawei Turkey's researchers will conduct academic study with the consultancy of distinguished professors from Bilkent.



Industry-PhD Cooperation

We collaborate with The Scientific and Technology Research Council of Turkey (TUBITAK) for this **special Industry-PhD program** where we provide **employment and scholarship** opportunities for researchers.



Academic Consultancy for R&D Products



We are conducting academic research studies to enhance the capabilities of our R&D products and add differentiated features with **advanced technologies**. Hence, we are in cooperation with top technical universities in Turkey and getting consultancy from them.

Test Automation

Local Search Engine

Computer Vision

Huawei DIGIX : Global AI Challenge

Contest Part 1 : Machine Learning



Contest Part 2: Computer Vision

Building AI talent environment

Stimulating algorithm innovation

Promoting production, learning and research

Gathering algorithms enthusiasts by exploring data potential



Seeds for the Future: Nurturing Top STEM Talent For 10+ Years

Enduring Commitment to a Sustainable World



2008

first launched
in Thailand

126+
countries & regions



500+
top universities
worldwide

70+

endorsement from heads
of state and government



30,000+
applicants
around the world

5,770+

studied in
China



We've Always Witnessed Amazing Memories



Enhance
Technical
Skills



Get Familiar
with ICT
Industry



Get
International
Certificate



Join an
International
Family



Get Familiar
with Chinese
Culture

Graduation Criteria

Completion of all mandatory courses (7 hours)

Completion of one elective course (1 hour)

Participation in live-streamed courses (6 hours)

- Opening ceremony
- Closing ceremony
- 2 days technology talk
- 1 customized course by Rep Office



Graduation Ceremony

Closing ceremony: At the end of whole trainings, certificates of completion will be awarded to the participants (electronic copy)



Apps Up : Huawei HMS App Innovation Contest

HMS Innovate For All



Join the developer community which is consisted of 4 million registered Huawei developers all over the world.



Meet the AppsUp Jury members who are expert in technology, finance and game industries, and get feedback from them.



Take part in AppGallery which is one of the biggest application market in the world, and get the chance of reaching 700 millions of Huawei mobile users.

#HMSInnovateForAll

Program



\$1,000,000

15,000 USD



15,000 USD



15,000 USD



5,000 USD



5,000 USD



5,000 USD



5,000 USD



3,000 USD



Career Opportunities at Huawei Turkey R&D Center

Huawei Career Base

<https://huweikariyerussu.com/>



HUAWEI KARIYER ÜSSÜ
Yeteneğin Burada Değerli

Scan the QR Code



Apply for Jobs

The screenshot shows the "HUAWEI KARIYER ÜSSÜ ONLINE İŞ BAŞVURU FORMU". It includes fields for Name-Surname, Mobile Phone, Email Address, City (dropdown), Position (dropdown), and CV upload (with a note about file size and a "Choose File" button). At the bottom, there is a checkbox for accepting the privacy policy and a "Başvuru Yap" (Submit) button.

HUAWEI KARIYER ÜSSÜ
ONLINE İŞ BAŞVURU FORMU

Ad - Soyad
Cep Telefonu
E-Posta Adresi
Şehir
Lütfen Seçiniz
Görev
Lütfen Seçiniz
CV Yükleme (Yalnızca Doküman Dosyaları ve Maks. 5 MB)
Choose File No file chosen
Kişisel verilerinizin işlenmesine dair bilgi için [Aydınlatma Metni](#)'ni inceleyebilirsiniz.
 Kişisel verilerimin [Rıza Metni](#) kapsamında yurtmasına aktarılmasını onaylıyorum.

Başvuru Yap

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Thank you.

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Bring digital to every person, home and organization for a fully connected, intelligent world.

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