



This project is co-financed by the European Union
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ICTürkiye2025
10 April, İstanbul

PRESENTER FULL NAME: Alberto Mora, PhD

ORGANIZATION: Tree Technology

WORKSHOP NAME: Destinations - Living and working in a health-promoting environment &
Tackling diseases and reducing disease burden

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Description of the Organisation

*A spanish R&D-performing company providing information and communication technology solutions in **Big Data, Cybersecurity** and **Artificial Intelligence (SME)***

Experience in EU projects 30+ (4 ongoing projects)

Roles: WP leader/Coordinator



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Your Teams'
Expertise



Big Data Technologies
Artificial Intelligence
Computer Vision
Cybersecurity



Agile Software Development
Project Coordination

Your Research Fields

Big Data

- Real-Time Data Processing
- Data Mining
- Deep Learning Applications
- Big Data Architectures



Computer Vision

- Security and Surveillance
- Inspection and Quality Control
- Guidance Systems
- Process Supervision



Artificial Intelligence

- Machine Learning
- Natural Language Processing
- Explainable AI
- Federated Learning



Cybersecurity

- Cryptography
- Risk Management
- Threat Analysis
- Secure Mechanisms



Your On-going Projects



CL3-2023-FCT-01-01 (ID: 101168309)
Ethical and Privacy-preserving Big Data
platform for Supporting criminal
investigations
([+info](#))



CL3-2023-CS-01-02 (ID: 101168467)
Enabling Trustworthy European Data
Spaces through Self-Sovereign Identity and
Privacy Preserving Technologies
([+info](#))



CL3-2023-FCT-01-06 (ID: 101168360)
ENhanced AI-baSEd cybercriMe-oriented
collaBorative investigation technologies
and capabiLitiEs
([+info](#))



HLTH-2024-STAYHLTH.01-05-two-stage
(ID: 101156210)
CArdiovascular Risk Assessment in
MENopausAL women via multimodal data
analysis enabling personalized prevention
strategies
([+info](#))

Your relevant Projects



MISS-2022-CIT-01-01 (ID: 101104268)
Active Mobility Innovations for Green and
safe city sOlutionS

[\(+info\)](#)



TRUST
aWARE

SU-DS-03-2020 (ID: 101021377)
Enhancing Digital Security, Privacy and
TRUST in software

[\(+info\)](#)



Impulse

DT-TRANSFORMATIONS-02-2020 (ID:
101004459)
Identity Management in PuBLiC SerViCeS
A multidimensional analysis of
disruptive technology approaches

[\(+info\)](#)



SU-BES-02-2020 (ID: 101021271)
Artificial Intelligence based Virtual Control
Room for the Arctic

[\(+info\)](#)



NIGHTINGALE

SU-DRS-02-2020 (ID: 101021957)
Novel InteGrated toolkit for enhanced
pre-Hospital life support and Triage IN
challenGiNg And Large Emergencies

[\(+info\)](#)

TeamWare

SU-DRS-02-2020 (ID: 101019808)
Team Awareness Enhanced with Artificial
Intelligence and Augmented Reality

[\(+info\)](#)



HLTH-2022-TOOL-12-01-two-stage (ID:
101080875)
Continuous stratification for improved
prevention, treatment, and rehabilitation of
stroke patients using digital twins and AI

[\(+info\)](#)

GLMICAVE

BIOTEC-07-2020 (ID: 952908)
Global Omic Data Integration on
Animal, Vegetal and Environment
Sectors

[\(+info\)](#)



FoF-12-2019 (ID: 870142)
multipurpose robotics for mAniPulation
of defoRmable materials in
manufacturing processes

[\(+info\)](#)



CL5-2021-D6-01 (ID: 101069538)
Holistic and adaptivE Interface Design for
human-technology Interactions

[\(+info\)](#)

INTERLINK

DT-GOVERNANCE-05-2020 (ID: 959201)
Innovating goverNment and ciTizen co-
dElivERy for the digital, siNgle market

[\(+info\)](#)



DT-ICT-03-2020 (ID: 870142)
Value Of Joint EXperimentation in
digital Technologies for
manufacturing and construction

[\(+info\)](#)

Your relevant Projects



EeB-07-2020 (ID: 958345)

Prescient building Operations
utilizing Real Time data for ENergy
Dynamic Optimization

[\(+info\)](#)



ICT-16-2018 (ID: 824231)

DEveloper COmpanion for
Documented and annotatEd
code Reference

[\(+info\)](#)



FoF-07-2017 (ID: 768710)

Efficient material hybridization by
unconventional layup and forming of
metals and composites for fabrication of
multifunctional structures

[\(+info\)](#)



DT-TDS-01-2019 (ID: 857159)

Smart and Healthy Ageing
through People Engaging in
Supportive Systems

[\(+info\)](#)



SU-INFRA-01-2019 (ID: 883532)

Data-based analysis for safety and
security protection for detection,
prevention, mitigation and response in
trans-modal metro and railway networks

[\(+info\)](#)



PHC-25-2015 (ID: 689996)

Integrated Technology Systems
for ProACTIVE Patient Centred
Care

[\(+info\)](#)



NGI Trust ICT-2019 (ID: 825618)

A Privacy pReservIng federated
MAchine Learning
implementation

[\(+info\)](#)



S2R-OC-IP2-01-2019 (ID: 881775)

Formal Methods and CSIRT for the
Railway Sector

[\(+info\)](#)



BES-10-2015 (ID: 700510)

Integrated system for real-time
TRACKing and collective intelligence
in civilian humanitarian missions

[\(+info\)](#)



ICT-13-2018 (ID: 824988)

Machine learning to augment
shared knowledge in federated
privacy-preserving scenarios

[\(+info\)](#)



DEEPHEALTH

ICT-11-2018 (ID: 825111)

Deep-Learning and HPC to boost
biomedical applications for Health

[\(+info\)](#)



RAMSES

FCT-04-2015 (ID: 700326)

Internet forensic platform for
tracking the money flow of
financially-motivated malware

[\(+info\)](#)

Project Idea

Call Topic: HORIZON-HLTH-2025-03-DISEASE-04: Leveraging artificial intelligence for pandemic preparedness and response (RIA)

Deadline Dates: 18th Sep 2025

- **Objectives:**
 - Development of AI-Driven Tools
 - Integration of AI in Healthcare Systems
 - Enhancement of Data Utilization:
 - Promotion of Collaborative Research
- **Expected Results:** A trustworthy AI for Pandemic Preparedness, Early Warning, and Rapid Response Simulation

Consortium - profile of known partners (if any)

No	Partner Name	Type	Country	Role in the Project
01	Tree Technology	SME	ES	Coordinator
02				
03				
04				
05				

Consortium – required partners

No	Expertise	Type	Country	Role in the project
01				AI modeling experts
02				UX design experts
03				Healthcare providers
04				Ethics experts
05				Municipalities



PRESENTER CONTACT: Alberto Mora,
PhD
DETAILS: Head of Digital Innovation
COUNTRY: Spain