INCISIVE

Welcome to the session
AI and Cancer: Unleashing Opportunities, Overcoming Challenges

Clustering event powered by INCISIVE and the AI4HI cluster

EUCAIM | **AI4Health Imaging**

INCISIVE

The process, benefits, and challenges of data sharing.
(Ethical and legal considerations, cybersecurity, and privacy protection)

11:10 - 11:50

EUCAIM | AI4Health Imaging

The process, benefits, and challenges of data sharing.
(Ethical and legal considerations, cybersecurity, and privacy protection

Mr. Ricard Martínez
University of Valencia,
CHAIMELEON project

Mrs. Magdalena Kogut-Czarkowska
Privacy and IPTech lawyer at Timelex INCISIVE project

Mrs. Susanna Aussó
TIC Salut Social Foundation INCISIVE project

Mr. Antonio Orduña
La Fe Polytechnic University Hospital

Mrs. Ana Belén Callado
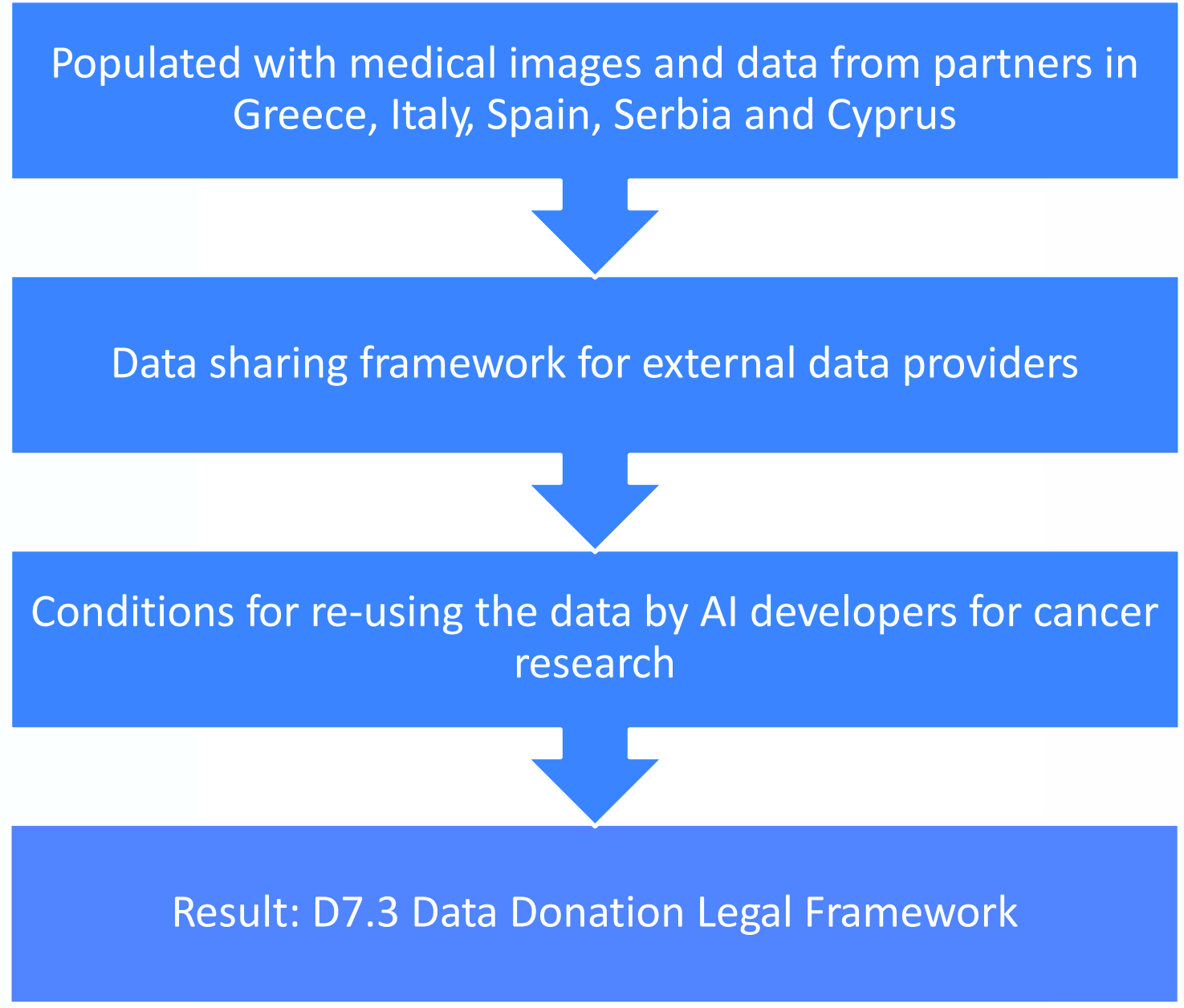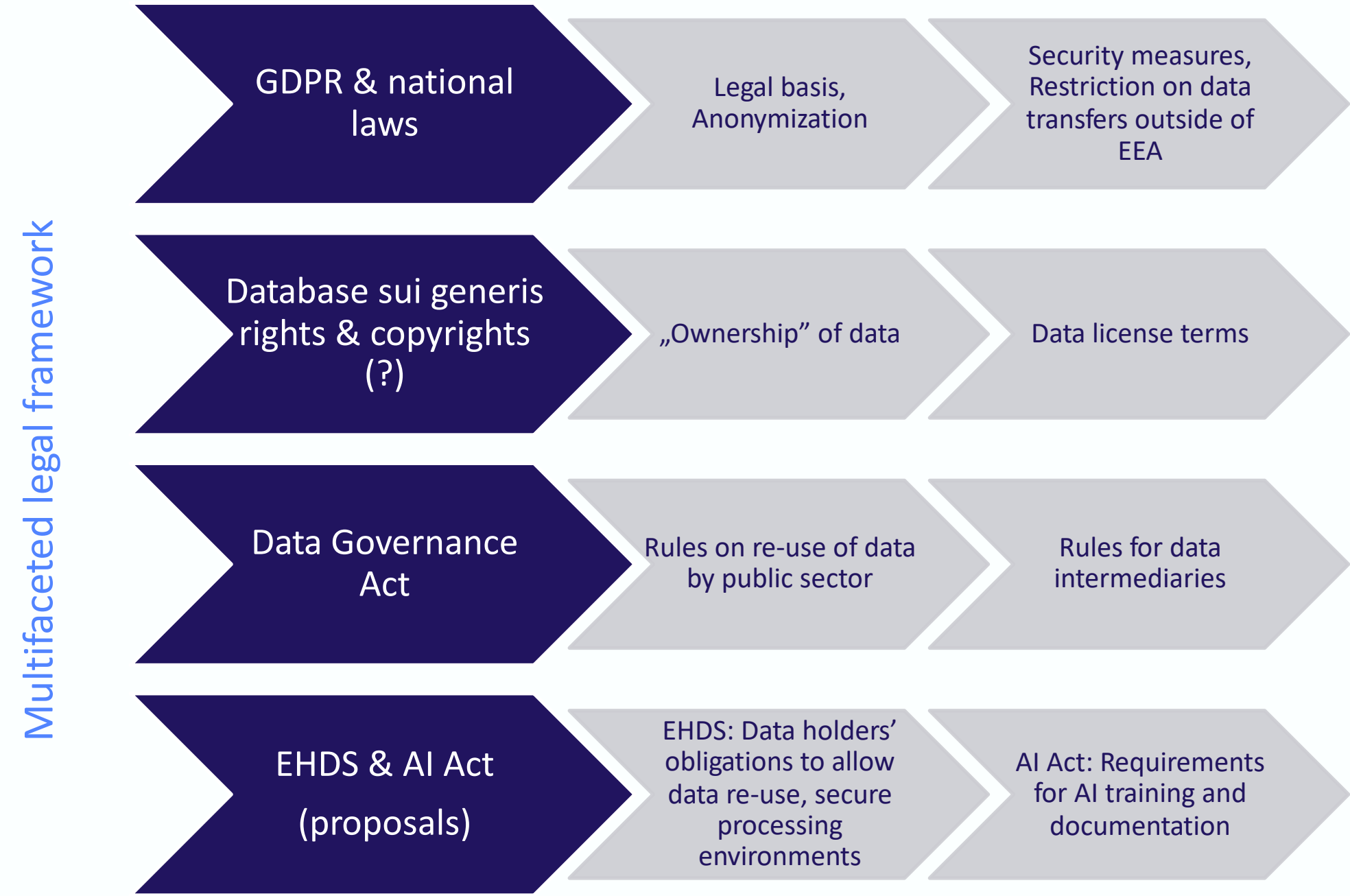*TIC Salut Social Foundation, INCISIVE Communication leader*

INCISIVE | EUCAIM

Mrs. Magdalena Kogut-Czarkowska
Privacy and IPTech lawyer at Timelex
INCISIVE project

Creating legal framework for INCISIVE health data repository

Multifaceted legal framework

GDPR & national laws	Legal basis, Anonymization	Security measures, Restriction on data transfers outside of EEA
Database sui generis rights & copyrights (?)	„Ownership" of data	Data license terms
Data Governance Act	Rules on re-use of data by public sector	Rules for data intermediaries
EHDS & AI Act (proposals)	EHDS: Data holders' obligations to allow data re-use, secure processing environments	AI Act: Requirements for AI training and documentation

Populated with medical images and data from partners in Greece, Italy, Spain, Serbia and Cyprus

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Data sharing framework for external data providers

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Conditions for re-using the data by AI developers for cancer research
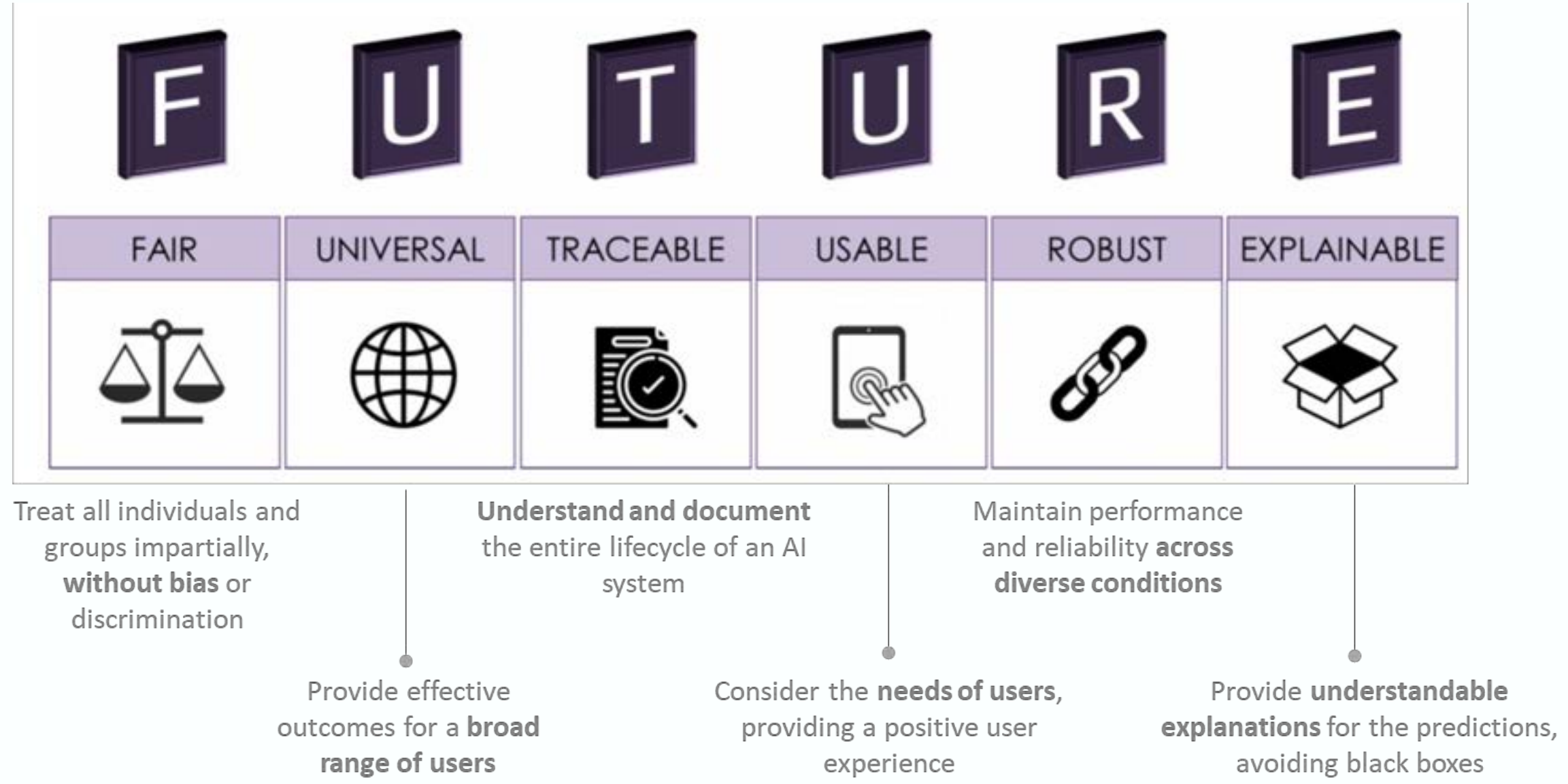
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Result: D7.3 Data Donation Legal Framework

Mrs. Susanna Aussó
TIC Salut Social Foundation
INCISIVE project

FUTURE-AI: Best practices for trustworthy AI in medicine

FUTURE

FAIR	UNIVERSAL	TRACEABLE	USABLE	ROBUST	EXPLAINABLE

Treat all individuals and groups impartially, **without bias** or discrimination

Provide effective outcomes for a **broad range of users**

Understand and document the entire lifecycle of an AI system

Consider the **needs of users**, providing a positive user experience

Maintain performance and reliability **across diverse conditions**

Provide **understandable explanations** for the predictions, avoiding black boxes

www.future-ai.eu

Full Consortium

Data scientists

Clinicians

Ethicists
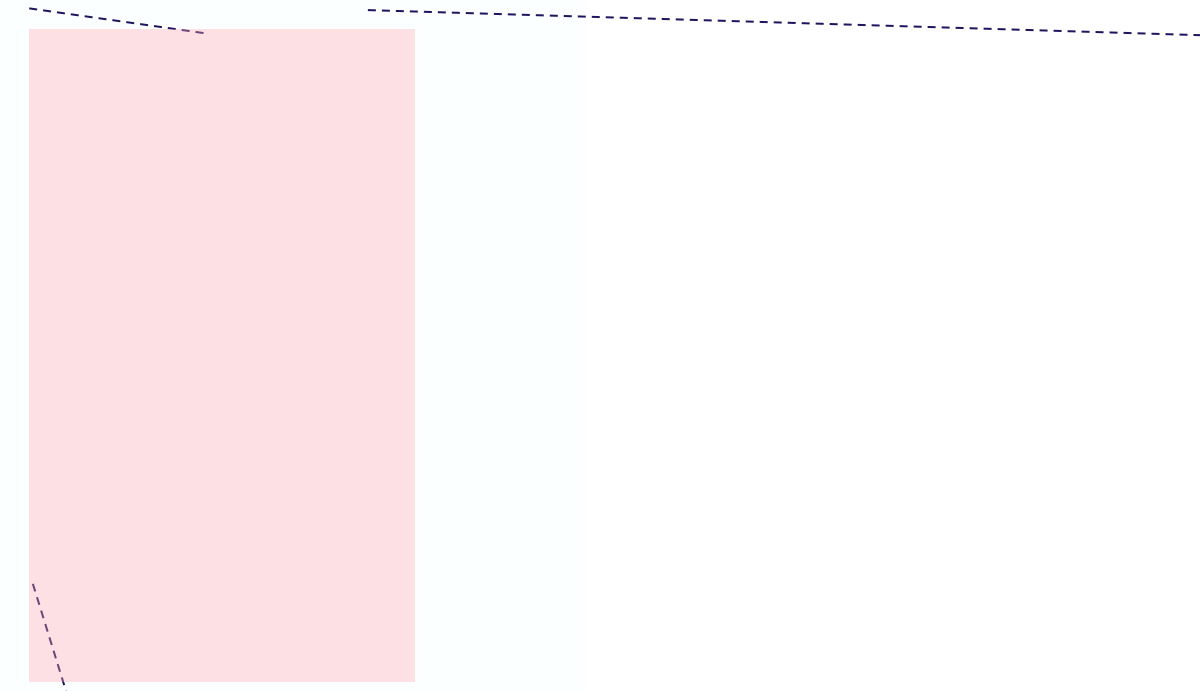
Social scientists

Legal experts

Mr. Antonio Orduña
La Fe Polytechnic University Hospital

Putting order in data repositories for health research

Asset management: inventory, use, disposal, transfer, information classification...
Access control: policy, user registration and deregistration, access rights, authentication ....
Cryptography: policy, key management ...
Physical and environmental security: perimeter protection, entry controls, prevent external and environmental threats, secure areas, clear desk and clear screen ...
Operations security: procedures, change & capacity management, malware & vulnerabilities prevention, backup, log information, audit controls
Communications Security: policy, segregation, data encryption in transfer
Business Continuity management:.
Incident management