



WINTER SCHOOL ProMIS

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"From the European Initiatives to the Italian response strategies: institutional public health reforms through a holistic approach"

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TURIN - ITALY



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ENIA – Estrategia Nacional de Inteligencia Artificial

- **Vertebrates the activities of the Public Administrations**
- **Promotes use of AI in public and private sector**
- **Aligned along 6 axes**
 - Promote R&D&I
 - Foster development of national talent, attract global, develop digital capabilities
 - Develop data platforms, digital infrastructures to support AI
 - Integrate IA in value chains to transform economic fabric
 - Promote use of AI in Public Administration and strategic sectors
 - Create a legal and ethical framework to protect rights, inclusión and public welfare



Trustworthy AI legal framework

- **Initiatives related to the application of the European AI Act**
 - AI Sandbox
 - AI Seal of Quality
 - AI Supervisory agency

AIA Pilot Sandbox

• Pilot Project where

- A set of providers and deployers of AI systems as participants is selected
 - Variate participants, different dimensions, different origins in industry or Public Administration.
 - Out of Annex II, we specifically seek participation of Medical Devices
- Participants try to implement the AIA in their systems with SEDIA handholding
 - SEDIA has readied a team of specialists for continuous support
 - SEDIA has prepared a set of technical guides, one for each AIA requirement
 - Practical, complete and easy to follow (...), based on examples and led through continuous self-assessment
 - Reviewed by institutions including EC's JRC, standards organizations, data protection agency
 - SEDIA has prepared communications and issue management platforms to manage interactions
- SEDIA gathers and processes what is learned
 - Guides are updated and improved to produce a final version that Will be made public
 - Sandbox management procedures are adjusted as needed
 - A final deep report is made and submitted to the EC, with conclusions and good practices.



AI Sandbox for Public Administrations

- **Effort to foster the ethical use of AI in the Government and Administration**
- **Will provide support to public entities introducing new IA Systems**
- **Not oriented only to HRAIS, but to AI in general**
 - Could be considered complimentary to the AIA Pilot Sandbox
 - May include technical as well as normative support
 - Good fit with the AI Seal of Quality
- **New project, in design phase**



AI Seal of Quality

- **AIA mostly applies to High Risk IA Systems (HRAIS)**
 - Many systems are “Low Risk”, face only minimal obligations, need not be certified
 - These systems may touch “sensitive” issues and face trust issues
 - HRAIS certification process may be too heavy for these “LRAIS”
- **SEDIA is designing a voluntary AI Seal of Quality**
 - Voluntary adhesion
 - Much simpler compliance than the full HRAIS certification
 - LRAIS can easily demonstrate to society due attention to Ethical AI principles
- **Design has already started**
 - Analyzing other related seals of quality and codes of conduct
 - Cooperation with national standards bodies



AI Supervisory Agency

- **AI Act obligates member states to have national competent authorities**
 - At least one Notifying Authority
 - Determines conditions for being authorized to emit AIA certifications
 - Submits authorizations to certify dealt to certification entities to the EC
 - At least one Market Supervision Authority (MSA)
- **Spain has created AESIA (Agencia Española de Supervisión de la Inteligencia Artificial)**
 - IA MSA attributions in most sectors
 - Some, like Medical, already have dedicated MSAs and competences may be extended to AI
 - Possible role as a Notified Authority
 - To be decided
 - Role as a think tank to promote innovation and expansion of AI implementation



Trustworthy AI in Public Administrations

- **Foster ethical usage of IA in Public Administrations**
 - Analyze legal and ethical impact of AI
 - Assess state of AI usage
 - Promote and facilitate usage of IA
 - Create manuals of good practices in the usage of AI



Trustworthy AI in society

- **National protection plan for groups vulnerable to AI**
 - Determine AI impact on different áreas, identify risks on vulnerable groups, design mitigation measures, create national plan for implementation
- **National plan for popular awareness and confidence on AI**
- **PNAV: National Program of Green Algorithms**
 - Develop standards of energy usage in IA training and operation

AI knowledge acquisition, transfer and retention

- **Cátedras: 16M€** to fund university departments that teach and develop IA
- **Spain Talent Hub: 10M€** to strengthen talent in research
- **Multidisciplinary collaboration projects (32M€)**



Foster AI R&D&I

- **Stimulate development and application of AI in the industry**
 - R&D&I Missions: 50M€ in subsidies for projects in strategic sectors (health, energy, agricultura, environment, employment)
 - IA Value Chains: 100M€ assigned to around 300 projects

Data as the substrate of AI

- **AI is fed with carefully curated data**
- **An extensive trove of publicly available data is an important asset for AI development**
- **The Data Office in the Spanish Administration deals with data spaces**
 - ... the Medical data space in particular

So, hereby I lend the word to my colleague Carlos Alonso,
Division Director in the Data Office



Thank you for your attention!