

THE ARTIFICIAL INTELLIGENCE STRATEGY 2024

Promoted by the **Ministry for Digital Transformation and Public Administration**, it establishes a **framework to accelerate the development and expansion of artificial intelligence (AI)** in Spain.

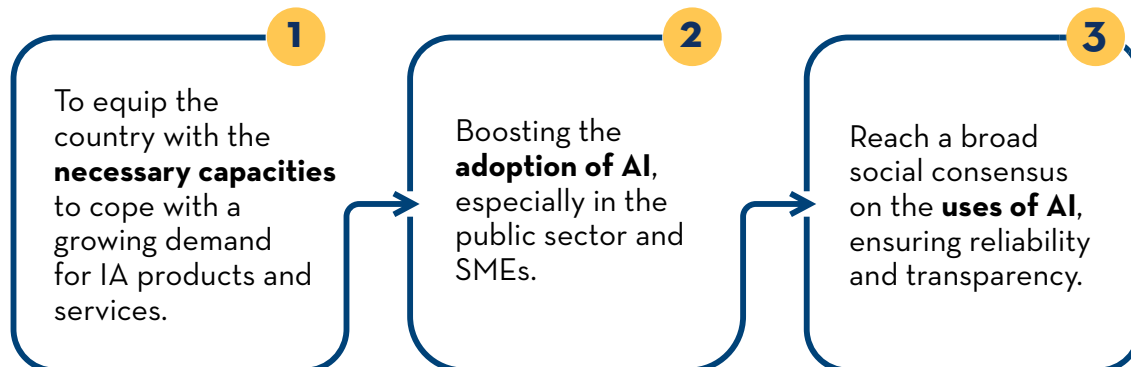


HOW CAN THIS BE ACHIEVED?

To achieve these objectives, a series of levers have been articulated around three axes:



OBJECTIVES



AXIS 1: Strengthening the key levers for AI development



Level 1:

Boosting investment in supercomputing

1. Increased capacity to analyse and process **large** amounts of data, improving control and sovereignty.
2. Implementation of **protected data spaces**.
3. Ensure that 20% of the capacities of Europe's large supercomputers are available for use by **large companies**.
4. Strengthening the **governance and resources** of the Spanish Supercomputing Network (RES), to promote advanced services in supercomputing, data management and AI.



Level 2:

Generate storage capacities under sustainable conditions

1. Transposition of the **Energy Efficiency Directive and national strategy**, including publication of data to measure efficiency.
2. Promoting a **regulatory and investment framework**.
3. Design of **standards** with European coverage (sustainable AI quality label).



Level 3:

Generate models and corpora for a public infrastructure of language models

1. Development of a secure and controlled access corpus through the construction of the largest **data repository** (more than 4,000 million words) in Spanish and co-official languages for model training.
2. Development of **foundational models in Spanish and co-official languages**, avoiding bias and improving quality.
3. Boosting the generation and use of **synthetic data**.
4. Extension of **specialised language** models (small language models or SLMs).
5. Development of evaluation datasets, considering ethical evaluation.



Level 4:

Fostering talent in AI

1. Networking of AI initiatives in different sectors to exploit synergies.
2. Deployment of training grants in AI and digital enabling technologies, together with support for specific projects (AI Excellent AI call).



ALIA project, which will generate a family of language models

AXIS 2: Facilitating the expansion of AI in the public and private sector, fostering innovation and cybersecurity



Level 5: Boosting AI in the public sector

1. Implementation of an **AI innovation laboratory** for the development of use cases for the General State Administration.
2. Creation of a **centralised AI technology service node**, including a knowledge bank on administration competencies.
3. Development of a **common data and corpus governance model** to ensure standards of data security, quality, interoperability and re-use.
4. Promotion of the AGE Data Platform, the generation of the **metadata catalogues** of the departments or the map of data exchanges, among others.



Level 6: Assist the Expansion of AI in the private sector, particularly in small and medium-sized enterprises

1. Launch of programmes to **boost and adopt AI in SMEs**, incorporating AI products into the Digital Kit.
 2. Development of the **AI entrepreneurial ecosystem through investments** *Next Tech*.
 3. Promoting **secure training infrastructures** for specific-purpose business models, including a comprehensive programme of support, services and promotion of language models for start-ups.
- Creation of a “**Language Data Space**” to ensure the availability and access to all data, models and tools necessary for the development of language and application models.

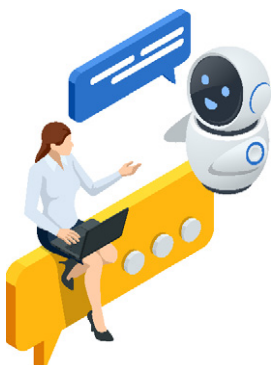


Level 7: Developing a Comprehensive Cybersecurity Framework

1. Drafting of a **cybersecurity law**.
2. Boosting the **business ecosystem of cyber security with AI** through investment.



AXIS 3: Developing transparent, accountable and humanistic AI



Level 8: Develop the functions of the **AESIA** (Spanish Agency for the Supervision of Artificial Intelligence)

1. Creation of an AI Intelligence Think & Do Tank.
2. Oversight of **responsible and innovative AI deployment**, boosting AESIA's monitoring and sanctioning capacity.
3. Promotion of **AESIA's role as an international benchmark**.

You can access the full strategy here

This Strategy will be implemented over the **next two years** and will be coordinated by **the Secretary of State for Digitalisation and Artificial Intelligence**.

