

Learn about the Declaration on Data Use and Algorithm Ethics



Gobierno de Navarra
Nafarroako Gobernua

Declaration on Data Use
and Algorithm Ethics



Introduction

Why has the Government of Navarra drafted a declaration on ethics?

What values are at stake?

How is the Declaration structured?

The considerable increase in the volume of the data generated within and without public administrations poses a challenge to organisations. The Government of Navarra is working on the development of new management mechanisms that make data intelligent while offering citizens sufficient guarantees.

In order to face the new challenges posed by data processing and artificial intelligence (AI), the Government of Navarra has drafted this Declaration, stating all the principles underlying the Government's data management policies.



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Getting ready for the transformations triggered by mass data processing and AI requires an ethical framework in accordance with the values of sustainability, equality, innovation and good governance.



Sustainability



Equality



Innovation



Good governance



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The Declaration contains six guiding principles:



1. Data protection



2. Open Data and re-use



3. Data governance



4. AI for citizens and for social and environmental wellbeing



5. Promoting innovation with data and AI



6. Accountability of AI systems



Drafting

How was the Declaration drafted?

The ethical aspects of data and algorithm use rank among the Government of Navarra's top concerns relating to data. This is why the Government has drafted a Declaration on Ethics in this area.

In addition to including ethical commitments, the Declaration is innovative in its drafting process.

The Declaration was drafted in four stages:

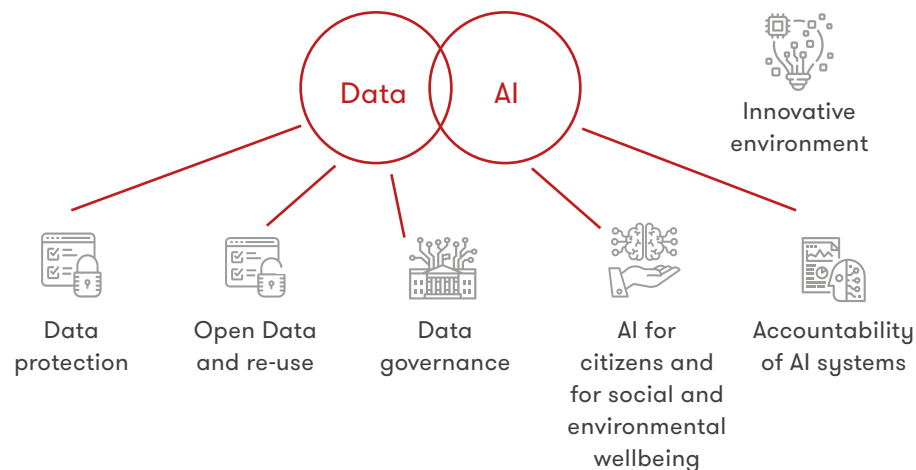


Scope

An innovative Declaration: from data to Artificial Intelligence

The Declaration goes beyond legal obligations.
Commitment towards citizens.

The Declaration is broad in scope, setting forth principles governing both data (personal data protection, open data, data governance) and algorithms/AI.



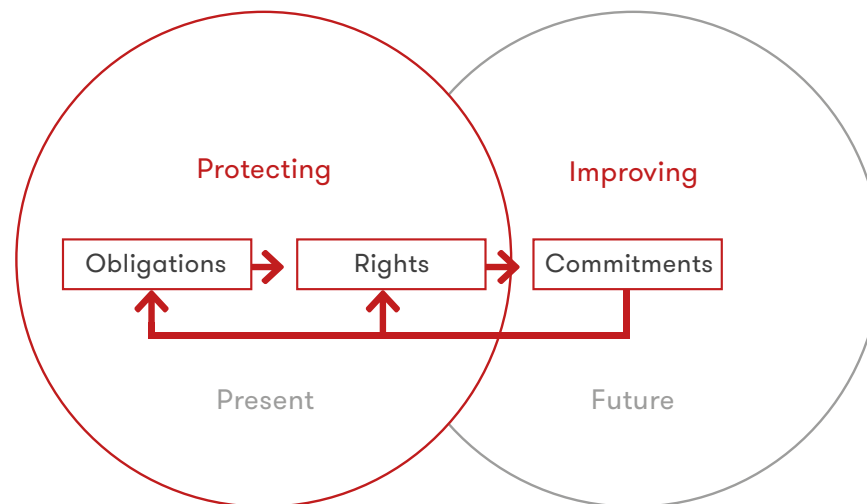
Scope

An innovative Declaration: from data to Artificial Intelligence.

The Declaration goes beyond legal obligations.
Commitment towards citizens.

Also, it includes a series of commitments that go beyond legal obligations. This is why the Declaration contains three different types of statements:

- Obligations of the Government of Navarra
- Rights of citizens and organisations
- Commitments to action for progress





Content

The Declaration sets forth Government obligations, Government commitments and citizens' rights as grouped into six guiding principles.



1. Data protection



2. Open Data and re-use



3. Data governance



4. AI for citizens and for social and environmental wellbeing



5. Promoting innovation with data and AI



6. Accountability of AI systems

Data protection is a major concern in every AI/data management project. For subjects to trust a data controller, they must be sure their data will not be used in harmful or discriminatory ways against them.

The Government of Navarra undertakes to actively comply with the General Rules for Data Protection. In addition, it shall encourage personal data empowerment among citizens, promoting the development of projects that enable citizens to identify the situations in which their personal data may be published or used.

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The Government of Navarra undertakes to actively comply with Regional Law 5/2018, of 17 May, on Transparency, Access to Public Information and Good Governance. In so doing, it shall order the sharing of public information to be reused by society and take measures to promote the knowledge of public information, strengthening responsible and democratic practices.

In addition, the Government of Navarra undertakes to promote the reuse of public data, encouraging social and business innovation, and the development of a reuse environment.

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In addition to data sharing, the Government of Navarra has developed a data engineering strategy to ensure the quality of the data in its possession, in an effort to ground decision making on quality data.

The Government of Navarra shall strive to achieve good data governance, promoting data quality, system sustainability and support to innovation. To this effect, it shall establish an agency in charge of data governance to work with civil society organisations in the collective governance of data.

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The Government of Navarra undertakes to promote the use of AI for the achievement of the UN Sustainable Development Goals, to which the Government is firmly committed.

Moreover, the Government of Navarra promotes the use of AI for citizens and for social and environmental wellbeing, protecting citizens and organisations from the risks associated with the use of algorithms and monitoring their use in accordance with the established system of values.

Also, the Government of Navarra promotes equality and sustainability in the use of AI, analysing algorithms to prevent unfair bias that may result in any form of discrimination and encouraging the development of projects that contribute to inclusion, equality and the achievement of the Sustainable Development Goals.

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The Government of Navarra is set on creating a reliable, knowledgeable AI environment that places Navarra at the forefront of data/AI innovation, thus engaging talent and attracting investment.

Aware of the economic and social impact of AI, the Government shall use it as leverage for decent employment policies for all, offering solutions to the problem of job destruction.

Also, it shall promote public-private cooperation in the area of data and AI, encouraging actors to work together in innovation networks.

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The Government of Navarra shall stick to policies of transparency and openness, embracing responsibility and accountability in the use of AI.

The Government of Navarra shall have a transparent, open data innovation policy, recording and publishing the information about the algorithms used. Citizens have a right to play an active role in the system, so mechanisms will be implemented for citizen participation, enquiries, suggestions and complaints.

The Government of Navarra shall promote responsibility and accountability in the use of AI systems and their outcomes, allocating high-level responsibility for AI policy and analysing AI systems from a variety of angles (economic, social and environmental costs, etc.). When an algorithm is used to make decisions with an impact at the individual level, the decision should be able to be explained using arguments that can be understood by humans.

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