Justice systems and confidence in democratic institutions

**DIGITAL TRANSFORMATION** Projects in the Justice Sector

MINISTERIO DE JUSTICIA

Ministry of Justice October, 2023



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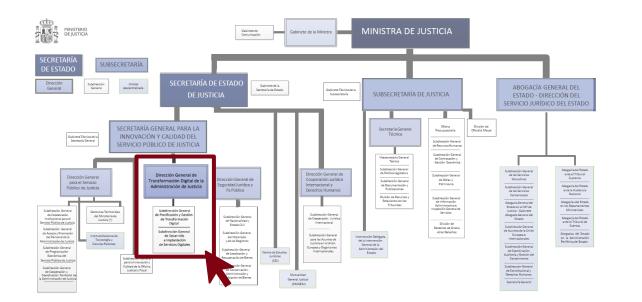
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#### 1. About us

**From the Ministry of Justice** we are providing the Administration of Justice with the most advanced technological solutions in order to achieve a more modern, efficient and agile Justice. These initiatives are framed in a global strategic project of Justice for the entire country, the 2030 Justice Plan.



This process of **Digital Transformation** requires a robust technological organization with all the legal and security guarantees that support the operations of the Administration of Justice, as well as the definition of a government model that accompanies the challenges of transformation and enhance the continuous improvement.

#### THE ROLE OF THE MINISTRY OF JUSTICE AND THE GDDTAJ IS THREE-FOLD



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**Justice 2030** is a common 10-year work plan based on **CO-GOVERNANCE**, which promotes the rule of law and access to justice as levers for the transformation of the country.

OBJECTIVE 1: ENSURING ACCESS TO THE EXERCISE OF RIGHTS AND FREEDOMS	PROGRAMMES	PROJECTS
	JUSTICE ACCESSIBILITY	<ol> <li>Universal access</li> <li>Accessible language</li> <li>Basic legal education</li> </ol>
	LEGAL PROFESSIONALS	<ol> <li>Access and profesional development</li> <li>Training</li> <li>Equiality and conciliation plan</li> </ol>
	NEW SOCIAL REALITIES	<ol> <li>Accessibility for vulnerable group</li> <li>Protection of victims and whistleblowers</li> <li>Proactive socio-legal studies</li> </ol>
DBJECTIVE 2: IMPROVING THE EFFICIENCY OF THE PUBLIC JUSTICE SERVICE	ORGANIZATIONAL EFFICIENCY	<ol> <li>Law on the organizational efficiency of the Public Justice Service</li> <li>Trial courts and judicial office</li> <li>Justice offices in the municipalities</li> </ol>
	PROCEDURAL EFFICIENCY	<ol> <li>Law on procedural efficiency of the Public Justice Service</li> <li>Enforcements systems</li> <li>Criminal procedure law</li> </ol>
	DIGITAL EFFICIENCY	<ol> <li>Law on the digital efficiency of the Public Justice Service</li> <li>Legislative and judicial analysis</li> <li>Telematic actions</li> </ol>
OBJECTIVE 3: CONTRIBUTING TO SUSTAINABILITY, COHESION AND GOVERNANCE	CITIZEN SERVICES	<ol> <li>19. New civil registry model</li> <li>20. Citizen services</li> <li>21. Quality system</li> </ol>
	SUSTAINABLE SOCIETIES	<ol> <li>22. Defence of the rule of law</li> <li>23. Environmental justice and sustainable headquarters</li> <li>24. Justice for economic transformation</li> </ol>
	INSTITUTIONAL COORDINATION AND COHESION	<ul><li>25. Co-governance in justice</li><li>26. Data-driven justice</li><li>27. Interoperable digital ecosystem</li></ul>

TRANSFORMING THE ECOSYSTEM OF THE PUBLIC JUSTICE SERVICE

An ACCESSIBLE, EFFICIENT and SUSTAINABLE Justice system that focuses on people

JSTICIA 2 0 3 0



In terms of digitization, Spain ranks **7th out of the 27 members of the EU.** Economy and Society Index 2022 (DESI)



<u>Justice 2030</u> is the **roadmap** that is marking the common work that will be developed in 10 years, in **co-gobernance, which promotes the Rule of Law.** 

The **Ministry of Justice is** promoting technological initiatives with the aim of **transforming the Public Justice Service in order to make it more accesible, efficient** and contributive to the common effort of **cohesion and sustainability.** 



In the field of Justice, with the Autonomous Communities and the institutions that constitute a part of its governance, as well as outside the field of Justice, with other ministries and institutions that enable efforts and investments to be made efficiently. And with **financed using European funds**.





### 2. 2030 Justice Plan & Co-Governance (III)

## **CTEAJE**

It is the co-governance and coordination body between administrations.



The presidency is shared and rotates every two years between the Ministry of Justice and the General Council of the Judiciary.

#### Body composed of a representation of the following institutions:







Prosecutor General's Office



### 2. 2030 Justice Plan & Co-Governance (IV)

# Justice Digital Transformation Forum

mpulsar la Transformación Digital de la Justicia



Foro de Transformación Digital de la Justicia

## An initiative that brings together the valuable co-creation

between administrations, citizens, organisations, associations and the private sector, and promotes the role of justice in Spain's digital transformation, all within the framework of the Justice 2030 Strategic Plan.



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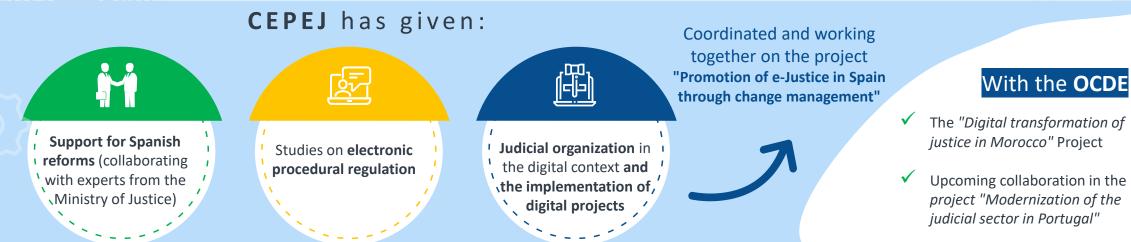
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### 3. International collaboration



The support and commitment of other organizations such as the **European Commission for the Efficiency of Justice (CEPEJ)** and its experts is essential. We are working together with them to make the **digital transformation process** a reality and to be able to transfer the experiences being carried out in Spain to other countries.



Spain has an investment of 410 million from the Recovery, Transformation and Resilience Plan



Under the mission of strengthening the organizational structures that participate in international projects and with the aim of reinforcing our role in **the European and international sphere**, since the organization exists an active participation in non-legislative European initiatives by the Ministry of Justice.

Spain is one of the countries of reference in **initiatives related to e-CODEX** and is playing an active role in the transfer of **e-CODEX to the European agency eu-LISA**, which is expected to take place during the Spanish presidency of the Council of the EU.



European Agency for the Operational Management of Large Magnitude Information Systems in the Area of Freedom, Security and Justice.

Its mission is to contribute to the application of EU justice and home affairs policies through the management of large-scale IT systems.



In addition, it provides technological support to the efforts of EU countries to make Europe more secure and manages large-scale embedded IT systems.



Spain is one of the **eight Member States** that takes part in the *e-CODEX Project Management Board in eu-LISA*.

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#### 4. Digital Efficiency Law





Preliminary bill on Digital Efficiency measures of the Public Service of Justice

**U2**3

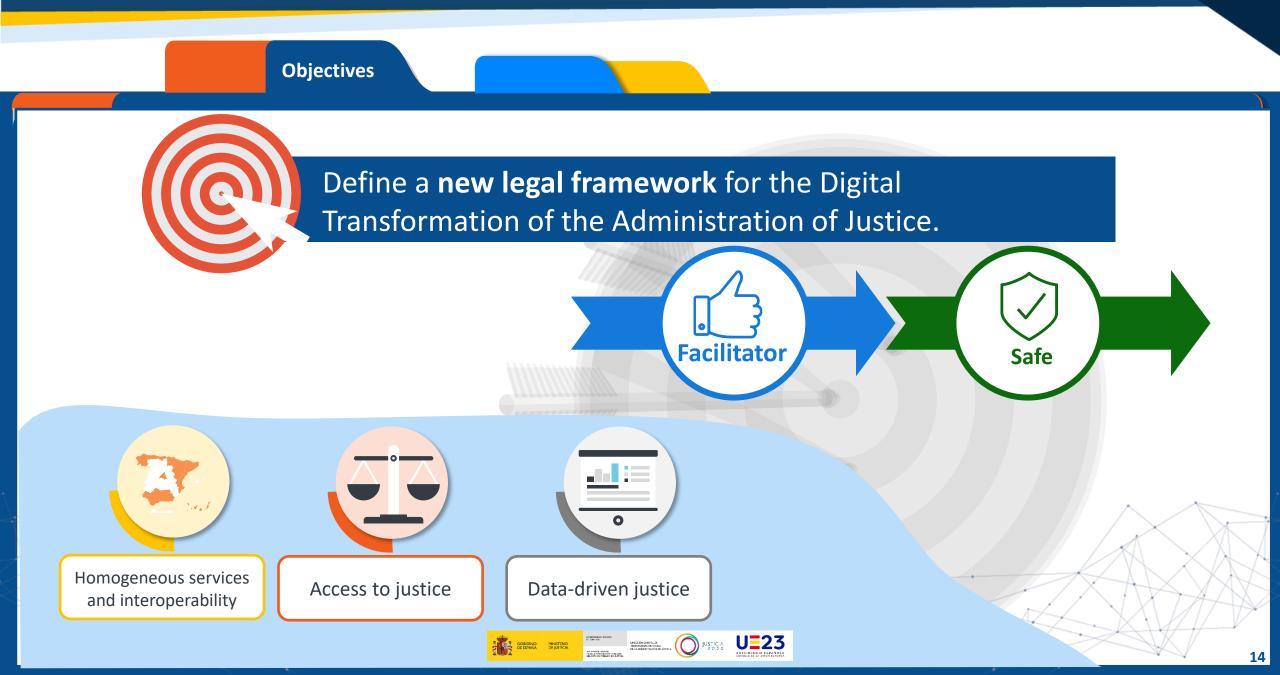
DIFECCIÓN GENERAL DE TERNSFORMACIÓN DICINAL DICLA ADMINISTRACIÓN DICI



By which Directive (EU) 2019/1151 of the European Parliament and of the Council, of June 20, 2019, is transposed into the Spanish legal system.

By which Directive (EU) **2017/1132 is modified** with regards to the use of **digital tools and processes** in the field of company law.

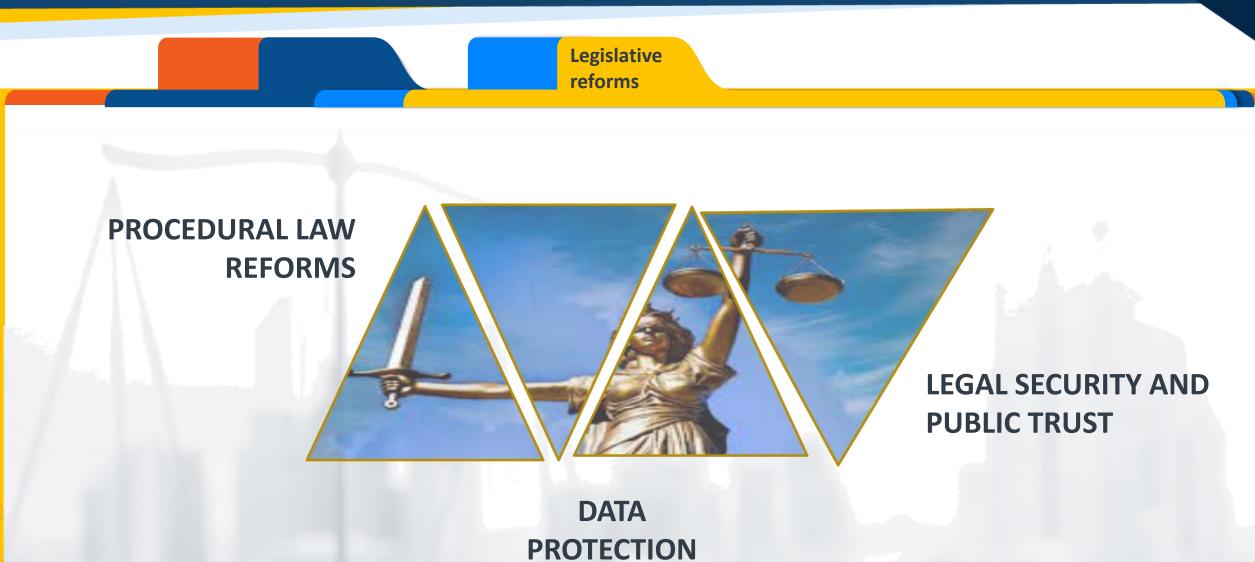
#### 4. Digital Efficiency Law - Objectives



#### 4. Digital Efficiency Law - Content







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Below are the main digital transformation projects and solutions that are being promoted by the Ministry of Justice to improve the service offered to professionals related to the Administration of Justice.

In addition, these initiatives favor, among other advantages, the reconciliation of family life and the elimination of existing gaps: age, territoriality, disability, gender...



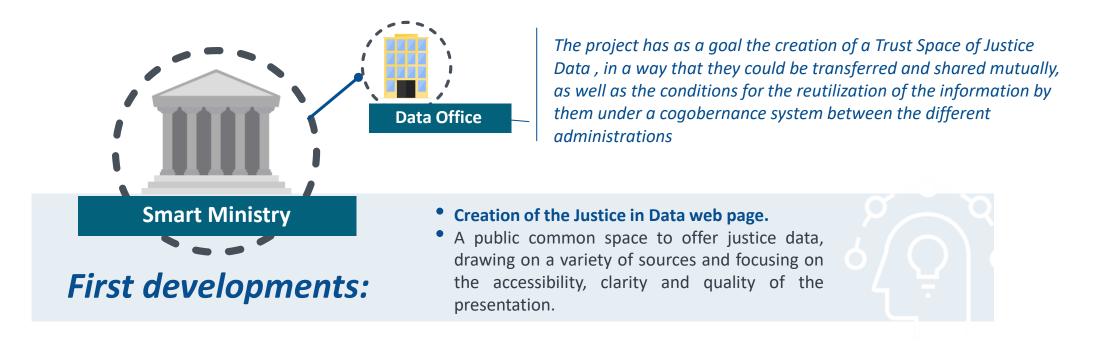
### 5. Technology initiatives: Introduction

#### These projects put the focus on citizens, leaving no one behind.



<u>Return</u>

Data is an indispensable ally for all public administrations, and the Ministry of Justice, will **continue working putting data at the service of citizens** and improving the quality and transparency of **public policy-making**, achieving a more efficient justice system.

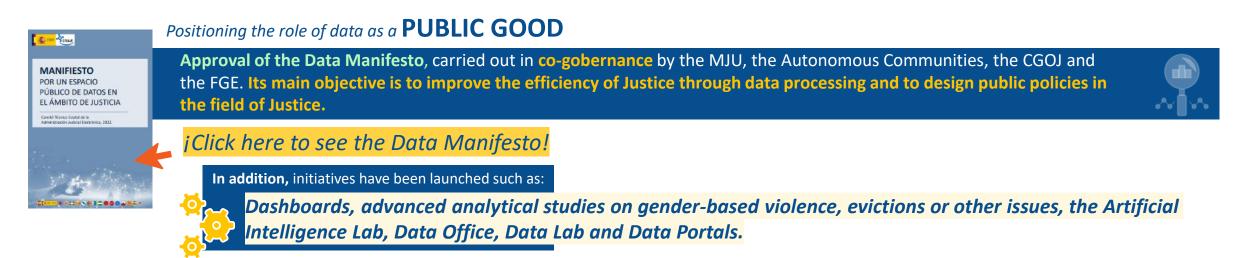


The procurement and management by the State Administration of public data obtained from multiple sources with the principal objective of implementing public politics which are more effective and closer to the public **is a need in the current digital society** and the massive and smart data management is a horizon that Spain can and has to assume.

• The project has its complexity so there will be different phases until reaching the achievement of the ambitious goal of information being available in real time for everyone who need s it



The world is changing and data is acquiring greater importance and repercussion in our society, which is why, from the Justice Ministry, we are adapting and have carried out inititatives that enhance **the role of data as an enabler and driver of change** for the transformation of Justice. **Some of them are:** 



And the 1st SYMPOSIUM "JUSTICE AND LAW IN DATA" has been held.



That it has highlighted **the role of data as a public good and the use of innovation and technology in Justice and Law**, and the need for academic cooperation to obtain academic validation in the technical, legal and humanistic fields.



To learn more about this event watch this promotional video 1st Symposium Justice and Law in Data 17-18 October 2022 - YouTube and streaming videos.





#### 5. Technology initiatives: Datalab System





*≦*6°∆

Tipo de trámite

https://datalab.justicia.es/

A10. Comunicaciones electrónicas con otras administraciones

Implantación

**+** 

Análisis

Datos detalle (i)

Olik

▼ Hojas públicas (9

Û

Nota informativa (i)

Historia:

Introducción

Metodología

The Data analysis tool that allows connection to multiple sources and shaping information to provide a friendly visualization that facilitates the decision-making process.

#### Example of savings data in CITA PREVIA

#### More than...

Ŷ

1,2 million appointments in this service

698.000 beneficiary users

6,2 million € in cost savings

(data from January 2020 to September 2023)





The Digital Immediacy Virtual Desk (EVID) allows the management of procedures via videoconference with a predefined agenda, elements to be answered by the intervening party/parties, a shared documentation space, recording of the session and generation of all the electronic evidence necessary to provide all the guarantees during its execution, as well as the custody of the same.



Its objective is to provide innovation in dealing with citizens and professionals, generating trust in their long-distance relations through the secure identification of citizens and operators. Throughout 2022, numerous functional improvements have been included, such as the signing of the supporting document and the recording by the official, multi-language and the integration of mobile devices for use in care centres and improvements in usability.



#### IMPLEMENTATION

Implemented in MJU territory: Ávila, Burgos, Cáceres, Ceuta, Cuenca, Balearic Islands, León, Melilla, Murcia, Palencia, Salamanca, Segovia, Soria, Valladolid, Ciudad Real, Guadalajara, Andalusia, Valencian Community, Valladolid and Zamora. Implemented in the devolved communities of Asturias and the Canary Islands.

There are plans for it to be extended to: Albacete, Badajoz, AEPD, Basque Country, Madrid, Aragon and the Justice Offices in the Municipality



IMPACI



\*Data from January 2020 to October 2023

## 5. Technology initiatives: Justice Offices in the Municipality

<u>Return</u>

The Offices of Justice in the Municipality project will provide all municipalities in Spain with Municipal Offices of Justice that **will transform the current** Justice of the Peace Courts, extending their services and attention to all citizens, the elderly, the disabled, people without resources or victims, providing in each of the municipalities the services of the judicial bodies, civil registry and other justice services.





Interoperability also plays an important role at the international level. Examples of this are the project for the electronic exchange of European Investigation Orders and the ECRIS (European Criminal Records Information System) project, which allows digital intercommunication between criminal record records in the European Union, with Spain being a pioneer in the exchange of information through this system.







The Legal and Forensic Dictation Systems allow justice professionals to carry out specialized transcriptions of legal texts through a voice recognition and translation solution that allows dictating reports up to three times faster with maximum precision and agility, increasing their productivity and speeding up their work

These systems are adapted to professionals since they have dictionaries that collect the medical terminology of each specialty.

In addition, it improves communication, facilitating interaction and receiving their report immediately. Thanks to it's technology it improves with each use and learns the new words that the user uses for future dictations.



Efficient, agile and innovative technology available to professionals.

*View videos:* 

- Forensic Dictation System YouTube (Spanish)
- Legal Dictation System- YouTube (Spanish)



### 5. Technology initiatives: Textualization of Recordings

<u>Return</u>

The recording textualization initiative is based on neunoral learning techniques for the faithful transcription of videos recorded during court hearings and depositions. In addition, **it automatically generates text**, taking as a source the videos recorded during hearings and depositions, enabling the development of new services and functionalities depositions, allowing the development of **new services and functionalities**.

#### A project that transforms Justice through Artificial Intelligence :



Based on MACHINE LEARNING



Offers **GREATER AGILITY IN INFORMATION MANAGEMENT** (savings of more than 450,000 hours)



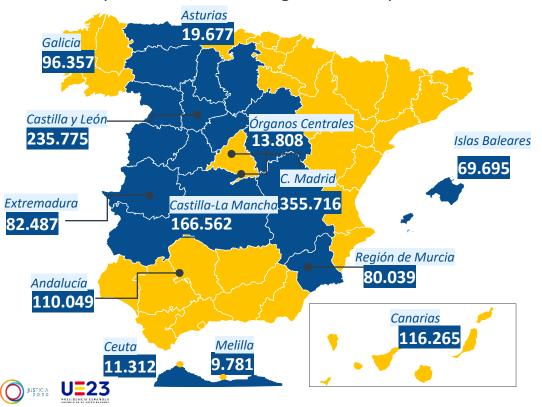
**INTEGRATED WITH HORUS VIEWER** for content visualization

More than 1.300.000 views successfully textualized

\*Data updated October 2023.

#### SYSTEM IMPLEMENTATION MAP

Implanted throughout the **Ministry's territory** and in part of the Community of Madrid, and starting in the Canary Islands.



In the task of working to put the most innovative technology at the service of Justice, initiatives are being carried out that incorporate robotization technology and whose main objective is to improve the social sphere by focusing the resources of justice on the needs of citizens.

A pilot project has been launched in To this end, initiatives **DATA-DRIVEN ARTIFICIA** Murcia for the intelligent are being oriented JUSTICE INTELLIGENC automation of use cases for the to transmission of information What are we achieving? Thanks to robotisation and automation: between the Procedural Management systems and the **Increased efficiency,** *cancelling more than 422,000 criminal records.* Judicial Deposits and Consignments **Increased agility,** advancing the work of 19 months. Accounts System. Adapting to people, improving the lives of tens of thousands of citizens. **Less time invested,** saving more than 338,000 hours.



For more information watch the video here: Robotisation and Artificial Intelligence in Justice - YouTube

During 2022, the cases in which a robot could be applied were expanded, such as in the processed concessions of nationality by residence and by Sephardic heritage and the cancellation of criminal records, managing almost 2.800.000 files.

In 2022, **the cancellation of sentences was carried out based on the regulations**, producing the cancellation of **87,400 sentences belonging to 73,500 people.** 

Since March 2021, with the implementation of robotization, up to January 2023, more than **472.396 criminal records** have been cancelled.







These automated processes complement the work of the processing staff. Previously, processors generated an average of **3,000 grant proposals per month**, a figure that the robot has been able to process in a single day, freeing processors from tedious and repetitive tasks so they can devote their time to more value-added tasks.

Since its launch last August until October 2023, almost 2.000.000 robotic processes have been carried out on nationality application files.

More than 270,000 grants of nationality by residence have been generated and about 30,000 of Sephardic people.

This means a saving of **330,000 hours** of work for processing staff, who will be able to invest in other tasks.

<u>Return</u>

Under the context of digital immediation, the Prior Appointment service has already started for judicial bodies and Civil Registry offices

We are working in a more inclusive justice within the reach of those collectives that have reduced access to technology. According to this, **the 060 Prior Appointment system is being enabled**.



Citation through the public telephone 060.

 ✓ More than 1,650,000 appointments and more than 339,000 non-face-to-face legal proceedings.

 ✓ Cost savings and greater technological efficiency (7.000.000 euros).

 Sustainability. The emission of more than 3,000 tons of CO2 into the atmosphere has been avoided.

П More than **425** Headquarters **(** 





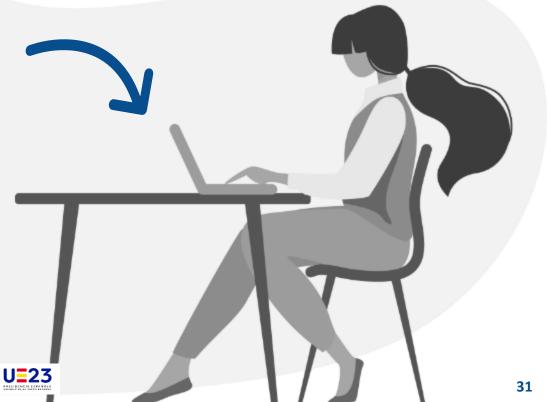
### 5. Technology initiatives: Digital immediacy / Cl@ve Justice

The **Digital Immediacy and Digital Presence project** includes different technological solutions that enable the **electronic relationship of justice professionals, citizens and companies with the Administration of Justice.** 

#### *Clave Justicia* is a system which is part of this project:



- In collaboration with the Tax Agency and the Secretary of State for Digitalization and Artificial Intelligence, which makes the most of the infrastructures and thus contributes to sustainability.
- Guarantees Digital Legal Security in the procedural processing as it is the system for identification and electronic signature, integrated with the common platform Cl@ve PIN of the Tax Agency.



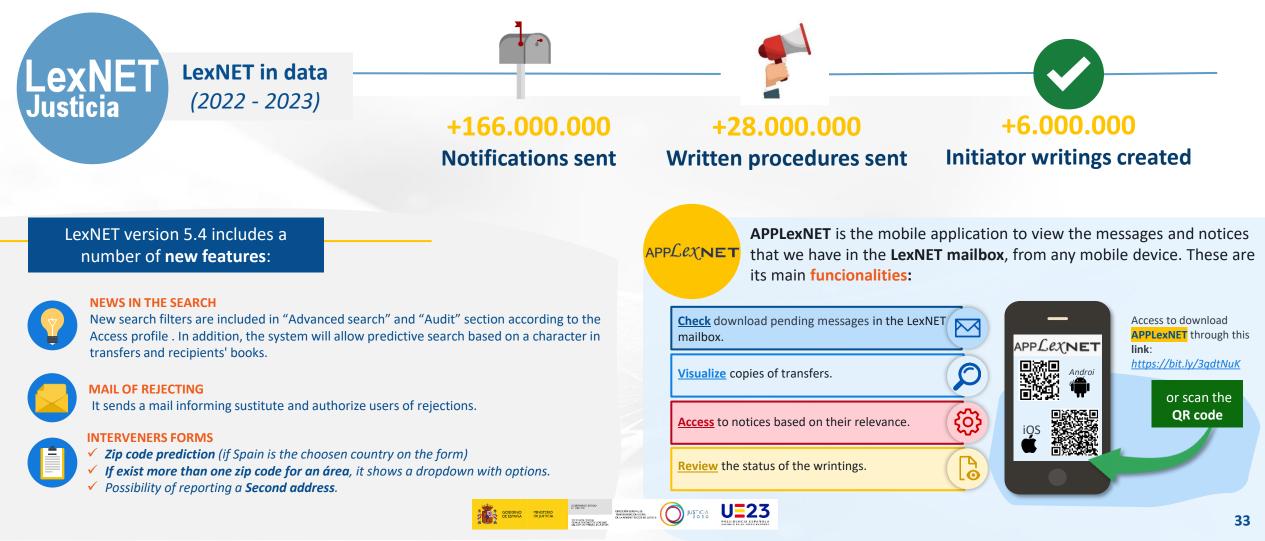
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Acceda is the initiative that allows telematic communication **between judicial bodies and legal operators** used for the presentation of texts and documents, the transfer of copies and the realization of communications and notifications by electronic means. Allowing access to the file for professionals and citizens.



### 5. Technology initiatives: LexNET

- LexNET is the **platform for the secure exchange of information** for judicial bodies and legal operators.
- It ensures the filing of pleadings and documents, the transfer of copies and the practice of notifications.
- It is a fundamental component in the daily activity of judicial bodies.



The **Administration of Justice** is in the midst of a process of change, of **digital transformation**, in which Artificial Intelligence is playing a fundamental role.



The Artificial Intelligence **(AI)** is a necessary link in **a chain of processes of transformation and digitization of justice.** 

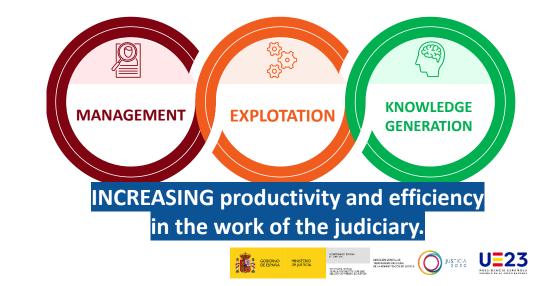
## Through a strategy of **data value orientation**, the use of Artificial Intelligence in the very **effectiveness of justice is enabled.**

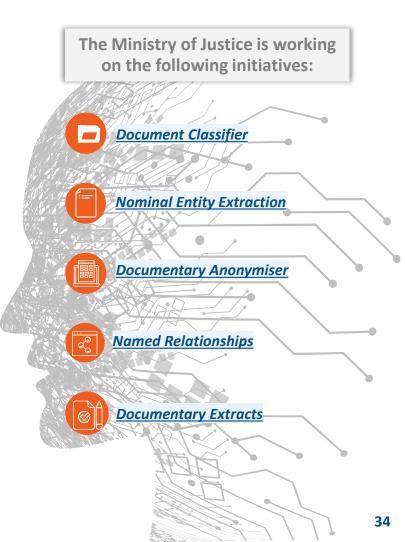
A large amount of **unstructured information is managed in the organization of the documents** that are part of a dossier. This information is mainly collected as **Natural Language** text.



On the bases of this documentation, Judges, Magistrates, Lawyers and other staff of the judicial office have to take the decisions that are proper to each one of them.

From this documentation it will provide...





Retui

The Justice Folder initiative offers individuals, companies and professionals not only unified and homogeneous points of contact with the Justice Administration, but also a personalised service for each contact. Justice Folder aims to unify and facilitate access to the services offered by the Administration of Justice, such as LexNET, Apoderamientos Apud Acta, Horus, ACCEDA, among others.

This project will function as the Citizen Folder and associated with it, allowing, in an agile and simple way, without the need to register and through the use of a secure identification system for access, to know the judicial notifications and any other information of the judicial files in which the interested party is a party. The consultation can be carried out in real time and at the user's request.

#### ¿Who can access?

- Physical persons (citizens).
- Legal persons.
- Justice(Lawyers, procurator and social graduates)





<u>Justice Folder – Public service of Justice</u> (administraciondejusticia.gob.es) The Justice Folder project is included in the **Draft Law on Digital Efficiency Measures for the Public Justice Service.** It is one of the priorities for the development of Justice 2030/PRTR.



COOPERATION WITH THE AUTONOMOUS COMMUNITIES WITH POWERS IN THE FIELD OF JUSTICE

**Implementation of integration services** with the Justice Folder: judicial hearings, status of files and judicial notifications.

COOPERATION WITH THE JUSTICE ECOSYSTEM

Meetings with groups of lawyers, solicitors, registrars, notaries, civil registry units, etc., in order to draw up a general list **that will enable us to offer a better service.** 





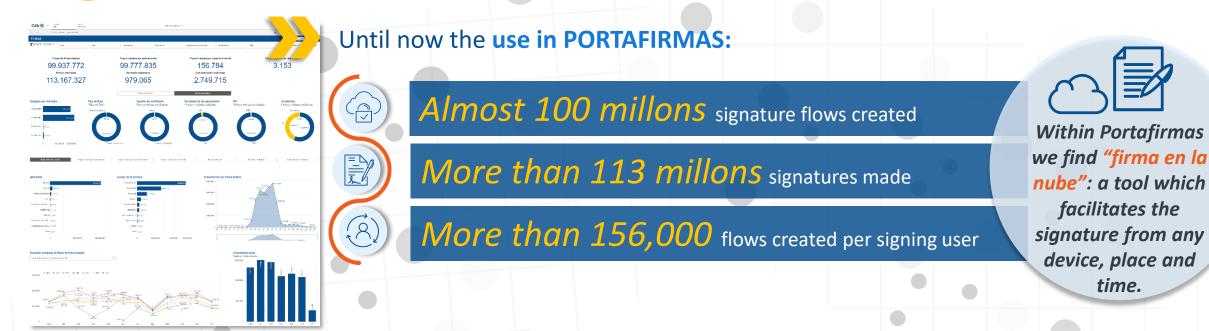
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Portafirmas is the application that allows Justice Administration professionals to sign documents digitally.



#### **USES IN PORTAFIRMAS 4.2**



SIGN with a Centralized Signature Certificate from any location and device that has an Internet connection.



Manually **GENERATE** signature flows directly from the application.



Allows to **ACCESS AND SIGN** with a **certificate hosted on the mobile device** using the @Mobile Signature APK from any location.



Manually CHANGE the location of your signature in a specific document.

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### 6. DataForum Justicia

This year we created DataFórum Justice 2023..

**DATA**fórum

J U S T I C I A > 2 0 2 3

More than

> 800

More than

2.900



A congress that **brought together** the sector's leaders in a historic event in Asturias to **demonstrate the social impact of the data** from the perspective of law and justice.

#### **OBJECTIVE**

Number of

Number of

Youtube views

registered person

An annual forum of reference in data culture and digitalization that brings together public administration, academia and the private sector. Law and data processing from a legal point of view for an efficient and responsible society.

Gijón

Number of

speakers

Designed

creatives

June 14th, 15th and 16th

Universidad Laboral,

More than

> 125

More than

> 290

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One goal that brings together...

Public Administration



Academic Sector



Private Sector

To perceive as necessary the "hyperconnectivity" as an element of transformation and consensus.

# Thank you for your attention

GOBIERNO DE ESPAÑA

DBIERNO MINISTERIO ESPAÑA DE JUSTICIA SECRETARÍA DE ESTADO DE JUSTICIA

DIRECCIÓN GENERAL DE TRANSFORMACIÓN DIGITAL SECRETARIA GENERAL PARA LA INNOVACIÓN DE JUSTICIA DE LA ADMINISTRACIÓN DE JUSTICIA



