



# Justice systems and confidence in democratic institutions

Ministry of Justice

September 2022

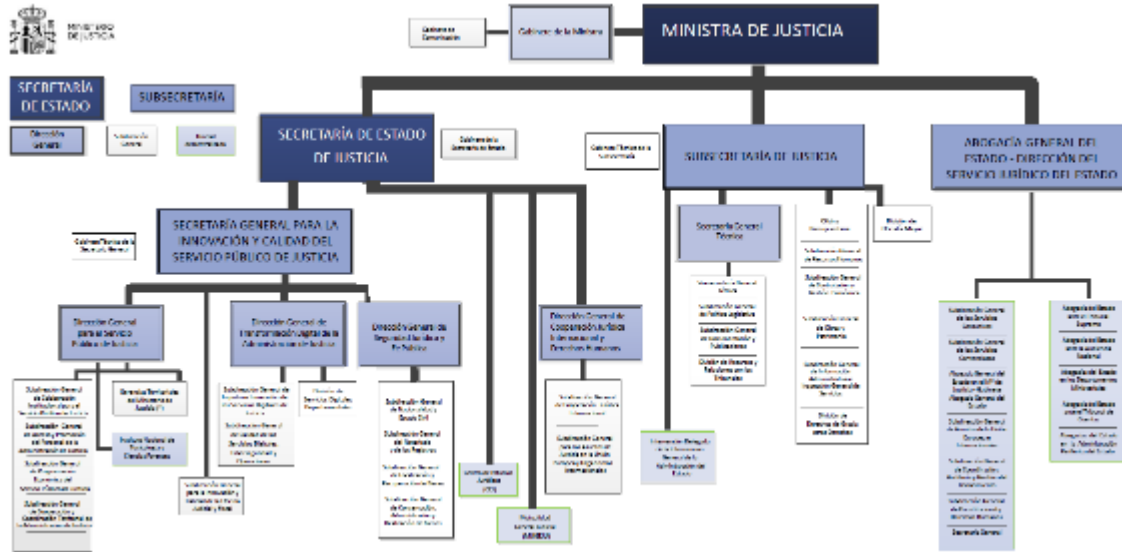
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# 1. About us

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, **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**

Provision of  
**ICT**  
services

Like any other ministry, within the scope of its powers (for example: civil registry).

Provision of  
**ICT**  
services

Like the Autonomous Communities not transferred (CCTAA).

Provision of  
common  
services to the  
whole AJ

Or by own competence (such as SIRAJ) or interoperability node (As notifications).

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## 2. 2030 Justice Plan

**Justice 2030** is a common 10-year work plan based on **COGOVERNANCE**, 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

1. Universal access
2. Accessible language
3. Basic legal education

##### LEGAL PROFESSIONALS

4. Access and profesional development
5. Training
6. Equality and conciliation plan

##### NEW SOCIAL REALITIES

7. Accessibility for vulnerable group
8. Protection of victims and whistleblowers
9. Proactive socio-legal studies

### OBJECTIVE 2: IMPROVING THE EFFICIENCY OF THE PUBLIC JUSTICE SERVICE



##### ORGANIZATIONAL EFFICIENCY

10. Law on the organizational efficiency of the Public Justice Service
11. Trial courts and judicial office
12. Justice offices in the municipalities

##### PROCEDURAL EFFICIENCY

13. Law on procedural efficiency of the Public Justice Service
14. Enforcements systems
15. Criminal procedure law

##### DIGITAL EFFICIENCY

16. Law on the digital efficiency of the Public Justice Service
17. Legislative and judicial analysis
18. Telematic actions

### OBJECTIVE 3: CONTRIBUTING TO SUSTAINABILITY, COHESION AND GOVERNANCE



##### CITIZEN SERVICES

19. New civil registry model
20. Citizen services
21. Quality system

##### SUSTAINABLE SOCIETIES

22. Defence of the rule of law
23. Environmental justice and sustainable headquarters
24. Justice for economic transformation

##### INSTITUTIONAL COORDINATION AND COHESION

25. Co-governance in justice
26. Data-driven justice
27. Interoperable digital ecosystem

## TRANSFORMING THE ECOSYSTEM OF PUBLIC JUSTICE SERVICE



An **ACCESSIBLE**, **EFFICIENT** and **SUSTAINABLE** Justice system  
**that focus on people**

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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.



**CEPEJ** has given:



Coordinated and working together on the project "Promotion of e-Justice in Spain through change management"



**With the OCDE**

- ✓ The "Digital transformation of justice in Morocco" Project
- ✓ Upcoming collaboration in the project "Modernization of the judicial sector in Portugal"

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

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## 4. Digital Efficiency Law

Name



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



*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.*

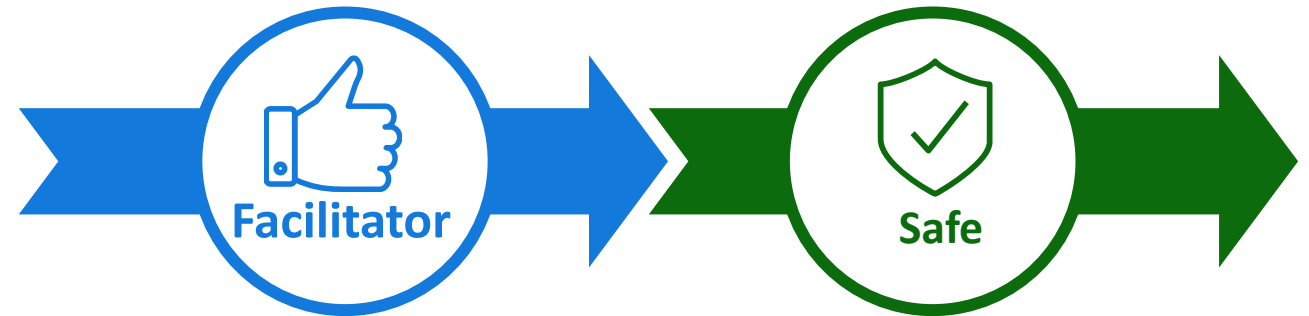
By which directive (EU) **2017/1132** is **modified** with regard to the use of **digital tools and processes** in the field of company law.

## 4. Digital Efficiency Law – Objectives

### Objectives



Define a **new legal framework** for the Digital Transformation of the Administration of Justice.



Homogeneous services  
and interoperability



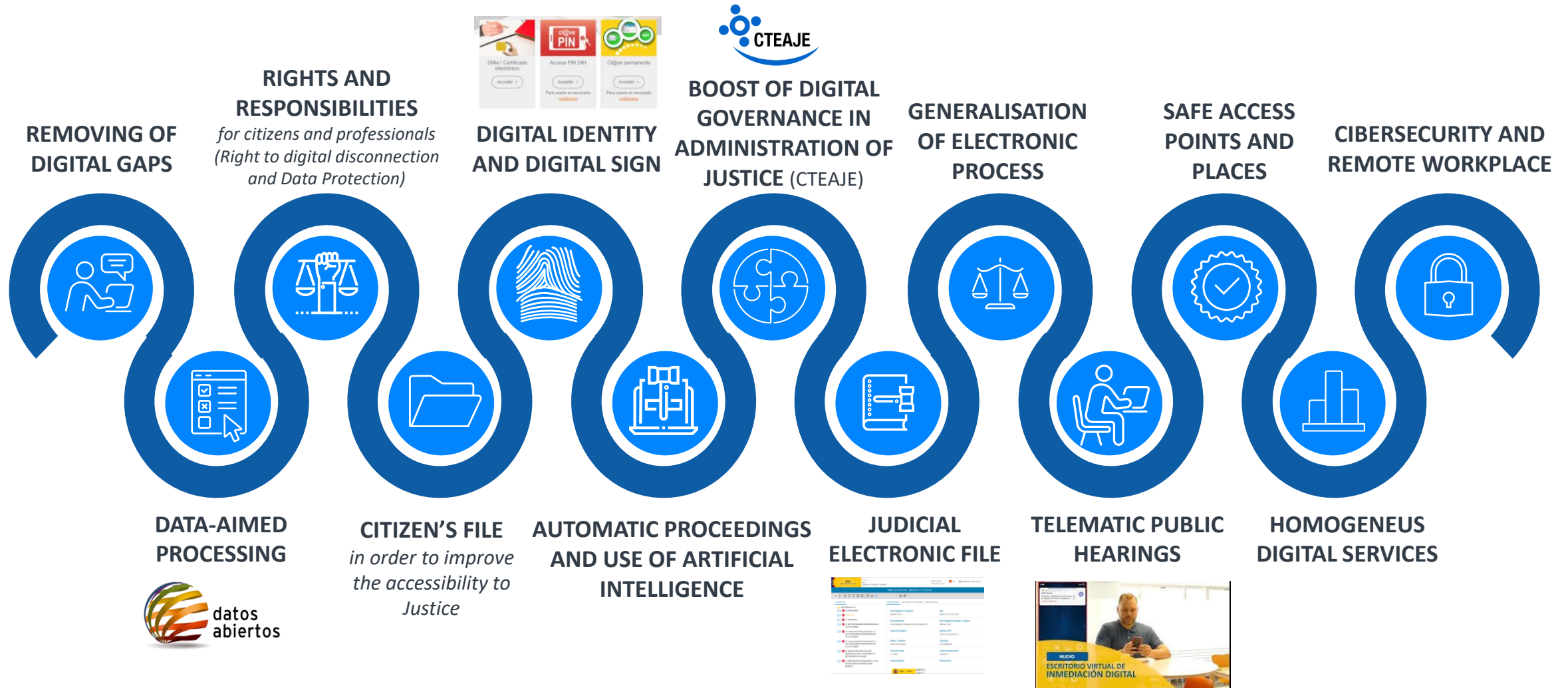
Access to justice



Data-driven justice

# 4. Digital Efficiency Law – Contents

## Contents (I)



## 4. Digital Efficiency Law – Legislative reforms

Legislative  
reforms

**PROCEDURAL LAW  
REFORMS**



**LEGAL SECURITY AND  
PUBLIC TRUST**

**DATA  
PROTECTION**

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## 5. Technology initiatives

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...**



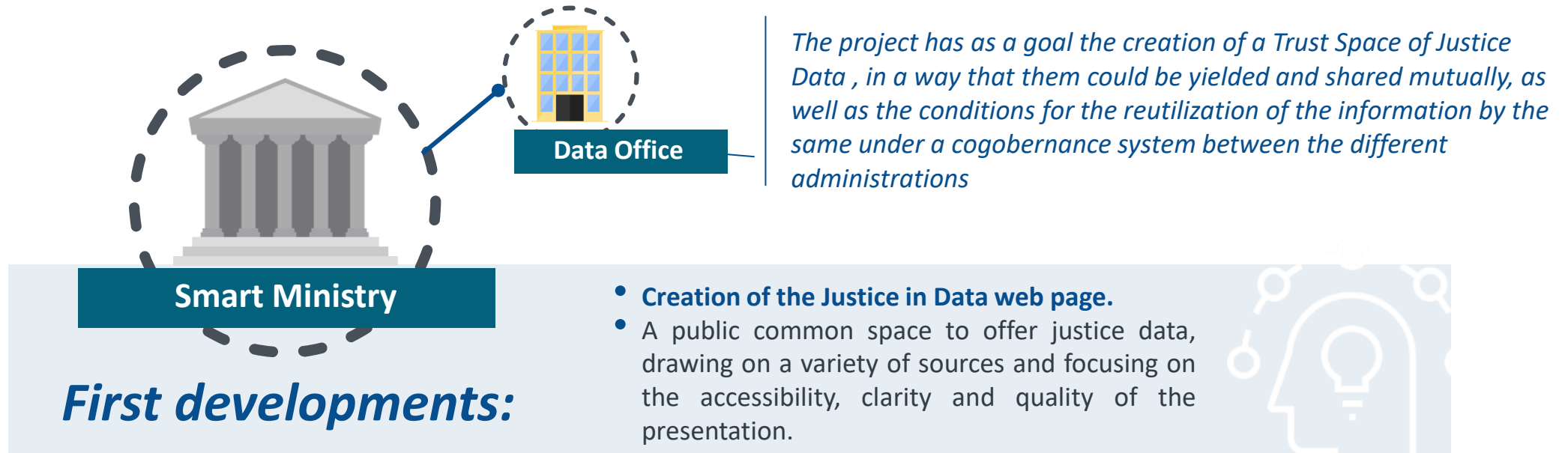
# 5. Technology initiatives: introduction

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



# 5. Technology initiatives: Data-Driven Justice


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 obtention and management by the State Administration of public data obtained from multiple sources with the principal objective of implement public politics more effective and closer to citizenship **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 achieve the ambitious goal of information being available in real time for everyone who need it*

# 5. Technology initiatives: Virtual Desktop for Digital Inmediacy (EVID)

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It makes it possible to **eliminate the territorial gap** and to ensure that **videoconference interactions are secure**, avoiding travel.

It also responds to **Law 8/2021, of June 2**, which reforms civil and procedural legislation to **support persons with disabilities** in the exercise of their legal capacity.



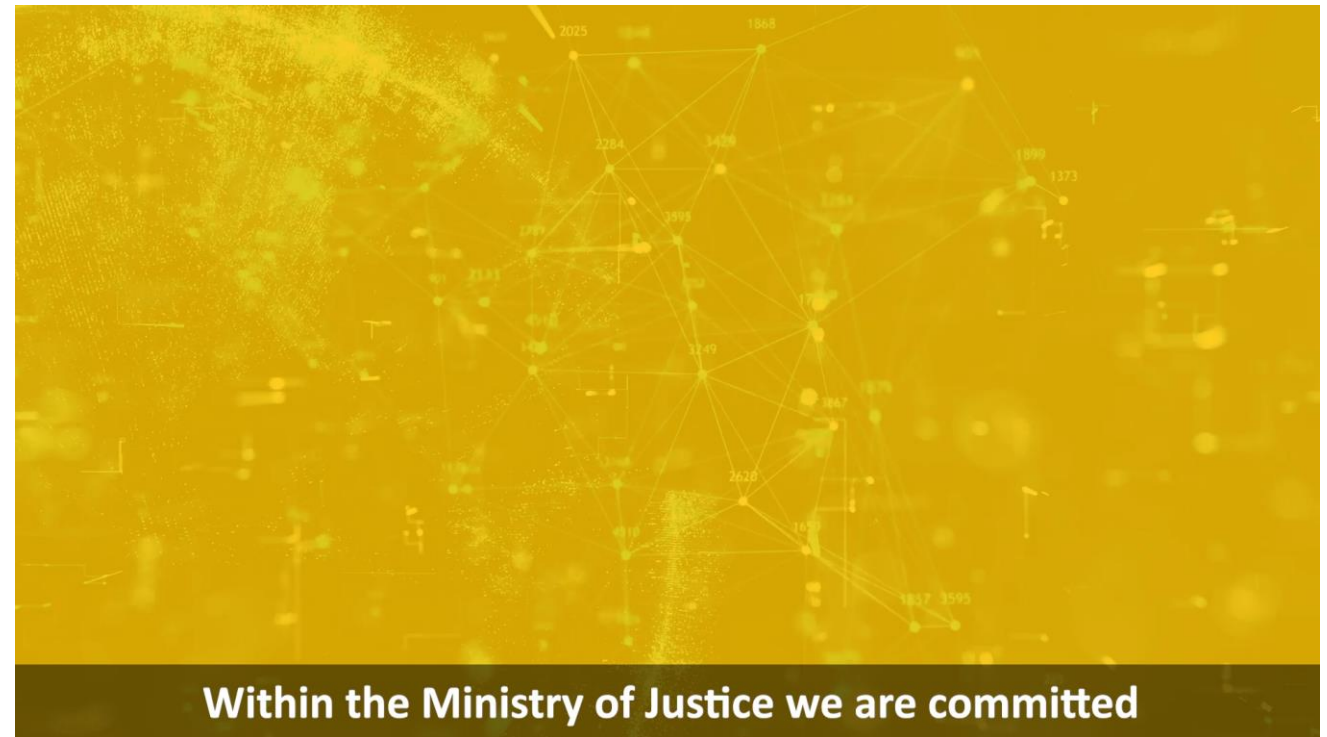
*The "**disability**" initiative of the EVID project consists of the provision of devices that :*



- **Are Simple** and **intuitive**.

- Are for persons mentally or physically disabled, and **for their assistance**.

- **Helps to reduce** the age gap.



**Within the Ministry of Justice we are committed**

## 5. Technology initiatives: justice offices in municipality

One of the main projects implemented to minimise the territorial gap is the **justice offices in the municipality project**.



This initiative will provide all local councils in **Spain with Municipal Justice Offices** that will transform the current Magistrates' Courts *by expanding their services and attention to citizens*.

*These offices will not only provide services to citizens in judicial proceedings to which they are part, but also in other areas of public administration.*

### OBJECTIVES:



Efficiency



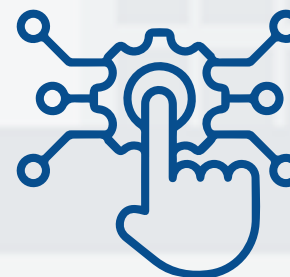
Closeness



Territorial  
Cohesion



Facilitating  
Immediacy and Digital Presence




## 5. Technology initiatives: eCRIS

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.



## 5. Technology initiatives: Legal dictation system / Forensic dictation system

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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 your 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](#) (Español)
- [Legal Dictation System- YouTube](#) (Español)



# 5. Technology initiatives: Textualization of Recordings

The recording textualization initiative is based on neural 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 144,000 hours)



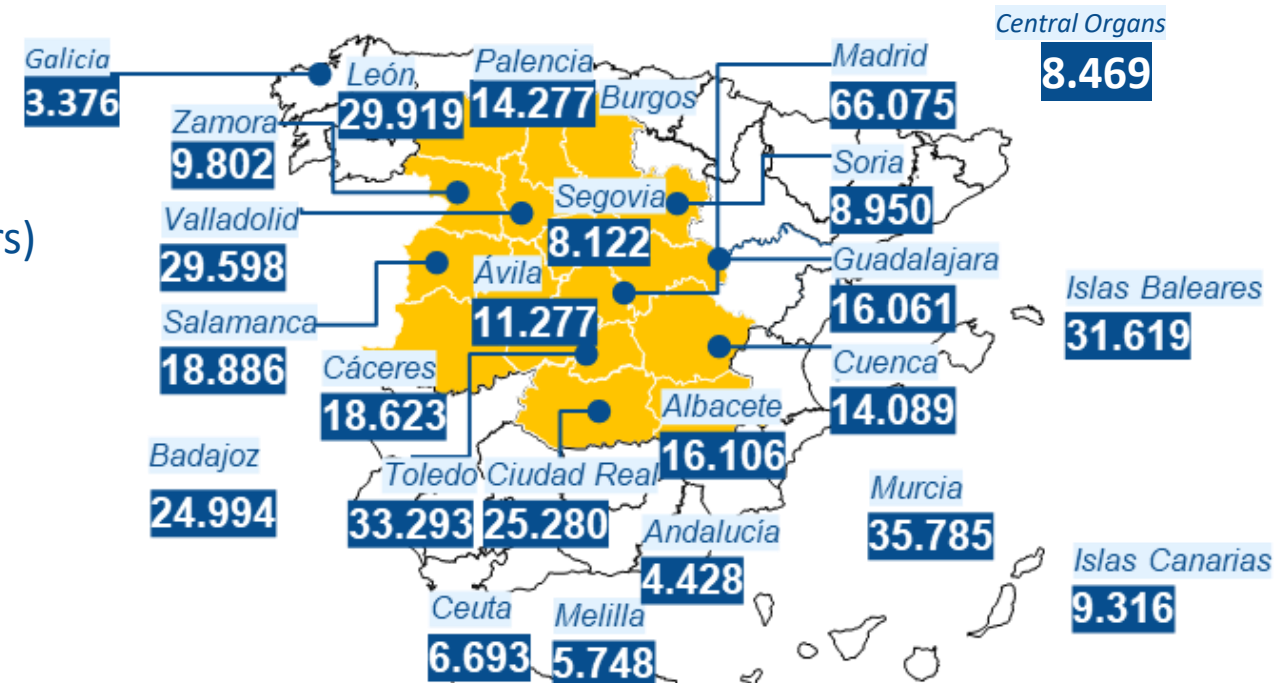
**INTEGRATED WITH HORUS VIEWER** for content visualization

**More than 432.000** views successfully textualized

*\*Data updated July 2022.*

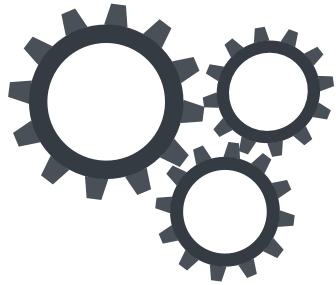
## SYSTEM IMPLEMENTATION MAP

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



# 5. Technology initiatives: Robotization

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.**



To this end, **initiatives are being** implemented aimed at:

**ARTIFICIAL  
INTELLIGENCE**



**DATA DRIVEN  
JUSTICE**

*What are we achieving?*

Thanks to **robotization** and automation.



**Increased efficiency**, *massively cancelling more than 140,000 criminal records ex officio.*



**Increased agility**, *bringing forward the work by 18 months.*



**Adaptation to people**, *improving the lives of tens of thousands of citizens.*



*These proposals for ex officio cancellations have been made since 2009, and require extensive verification work.*

# 5. Technology initiatives: Previous Appointment

Under the context of **digital immediation**, the **Previous 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 acces to technology. According to this, **the 060 Previous Appointment system is being enabled**.



**060 Previous Appointment**

- ✓ *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 million euros).*
- ✓ *Sustainability. The emission of more than 3,000 tons of CO2 into the atmosphere has been avoided.*



More than **170** Sites



More than **1.650.000** Appointments

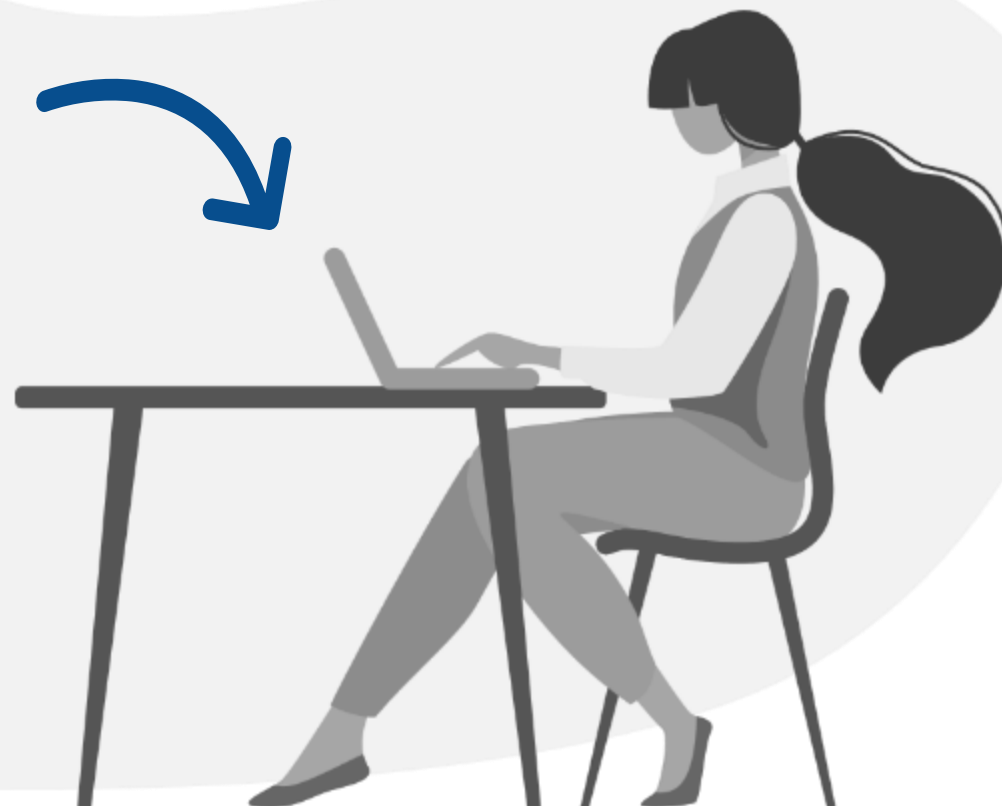
## 5. Technology initiatives: Digital immediacy / Cl@ve Justice

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 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.



# 5. Technology initiatives: Acceda

## September 2021 Pilot in Cáceres



- **New procedure from ACCEDA** which allows attaching documentation that exceeds the 30mb capacity allowed by LexNET.

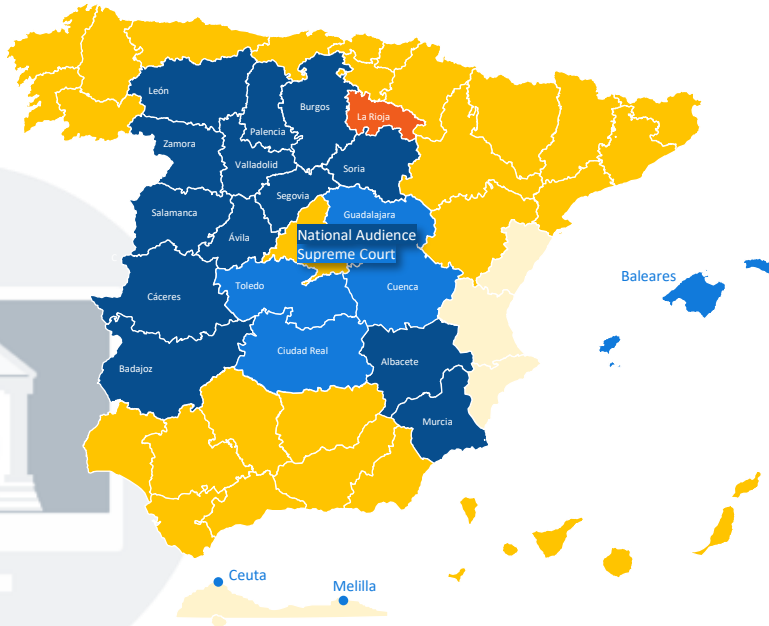
Professional groups and State Security Forces and Corps which have relation with the Justice Administration through LexNET.

## STATE OF IMPLANTATION

**IMPLEMENTED IN MJU TERRITORY IN** *Cáceres, Badajoz, Ávila, León, Burgos, Palencia, Salamanca, Segovia, Soria, Valladolid, Zamora, Murcia, Albacete, Audiencia Nacional.*

**Expected end of deployments in the second half of June** in *Cuenca, Ciudad Real, Guadalajara, Toledo, Baleares, Ceuta, Melilla, Tribunal Supremo.*

**AATTCC Implemented in La Rioja**



- **Avoiding displacement** of the professionals to the judicial bodies.
- **Allowing them to include the documentation provided** in the judicial expedient immediately.

In 2022, **12,990 transactions** have been made.

The improvement implemented in overcapacity in LexNET...


Represent a **saving of:** **More than 134,000 euros** in travel expenses = **64 tons of CO2** = **More than 9.7 round-the-world trips**



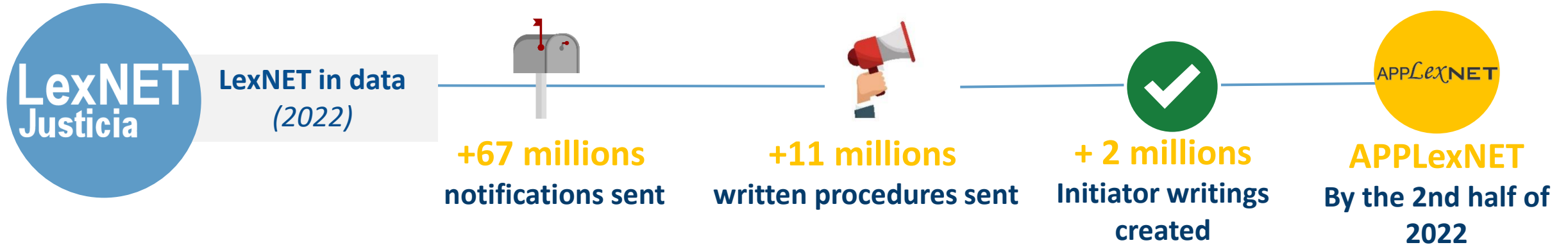
## SENDING OF POSTAL JUDICIAL NOTIFICATIONS VIA NOTIFIC@

- **For the automated management** of printing, enveloping and generation of evidence of delivery and receipt of notices and communications.
- **In development, planned pilot in Ciudad Real the first week of May.**

# 5. Technology initiatives: LexNET

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- 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.



May 9, 2022

The new LexNET 5.1 version brings **important benefits** to users



**AVAILABLE** in all **browsers** (Chrome, Edge, Firefox, etc.)



**INCORPORATES** the **AutoSignature** system



**EXPANDED** notification size to 30mb and introduced **usability** enhancements



**POSSIBILITY** of selection of the **pseudonym** certificate for FCSE



**OPTIMIZATION** of PDF document formatting



# 5. Technology initiatives: IA Solutions

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 in 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...*



**INCREASING productivity and efficiency in the work of the judiciary.**

La Ministry of Justice is working on the following initiatives:



**Document Classifier**



**Nominal Entity Extraction**



**Documentary Anonymiser**



**Named Relationships**



**Documentary Extracts**

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## *First Justice and Data Law Symposium:*



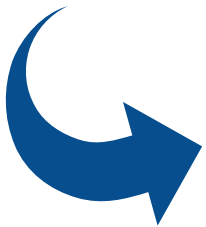
*University of Salamanca in collaboration with the Ministry of Justice.*



*Data as an enabler and engine of change for the transformation of Justice and Law.*



*Exchange of experiences between Administration, institutions and private companies.*



**17 / 18 October 2022**

[More information](#)



# Thank you for your attention

