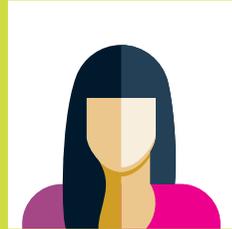


USE / COMMUNICATE

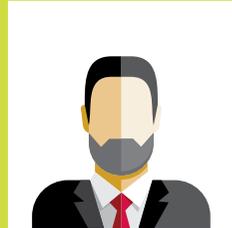
ManyLaws has defined five main user personas and associated user stories to better present who will benefit and in what way from ManyLaws.



1

CITIZEN

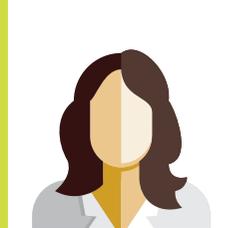
Age 20-60
Location Greece or Austria
Nationality Greek or Austrian
User Story
1. Citizen who wants to move to Austria or Greece
2. Citizen researching the Greek and Austrian laws



2

LAWYER

Age 25-60
Location Greece or Austria
Nationality N/A
User Story Lawyer researching Greek, Austrian and European laws for professional purposes



3

BUSINESS PERSON

Age 20-60
Location Greece or Austria
Nationality Greek or Austrian
User Story Business person who is interested in doing business in Austria or Greece



4

LEGAL ADMINISTRATOR

Age 30-60
Location Austria or Greece
Nationality Greek or Austrian
User Story Legal Administrator providing legal advice or reporting



5

PARLIAMENTARY AGENT

Age 30-60
Location Europe
Nationality European, Greek or Austrian
User Story Interested in the law making procedure (e.g. constitutionality of a bill, interrelatedness of a bill with other legislation)

MANYLAWS CONSORTIUM



UNIVERSITY OF THE AEGEAN

Information and Communication Systems Department (ICSD)
Digital Governance Research Centre
■ established in Greece



HELLENIC PARLIAMENT

European Programs Implementation Service
■ established in Greece



AUSTRIAN PARLIAMENTARY ADMINISTRATION

■ established in Austria



DANUBE UNIVERSITY KREMS

■ established in Austria



INTRASOFT INTERNATIONAL S.A.

■ established in Luxembourg

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The contents of this leaflet are the sole responsibility of the ManyLaws consortium and do not necessarily reflect the opinion of the European Union.



ManyLaws Project

EU-wide Legal Text Mining using Big Data Processing Infrastructures



ENHANCING PUBLIC ACCESS TO LEGAL INFORMATION ACROSS THE EUROPEAN UNION

The ManyLaws Project (EU-wide Legal Text Mining using Big Data Processing Infrastructures) is a platform set up to deliver a set of services for citizens, businesses and administrations in the European Union, Austria and Greece.



The overall objective is to enable access to legal information across the European Union and improve the efficacy of decision-making in legislative procedures operated by public bodies.

The vision of ManyLaws is to produce and build the proper environment of semantically annotated Big Legal Open Data, easily searchable and exploitable based on text mining tools and algorithms offered through proper visualisation techniques.

Once tested within at least two law-making procedures of the Greek and Austrian parliaments, these services may spread across more borders with the addition of laws from other EU Member States.

KNOW

The internet is loaded with massive amounts of information about legislation, bills, case law, resolutions and decisions, published in each Member States' language. There is also no shortage of administration and citizen-generated content. In fact, there is so much information available that it is becoming difficult to access.

ManyLaws will provide the technical foundation and the tools for making legal information available to everybody, in a customisable, structured and easy to handle way.

UNDERSTAND

- Search in parallel many EU member state legal frameworks using simple keywords (through parallel translation of search terms)
- Assess the degree of transposition of an EU directive in a national legal framework
- Indicate relevant national legislation and monitor the status of transpositions
- Analyse references to the European legislation by national laws
- Compare analysis of equivalent or relevant laws from different EU member states
- Compare analysis of connected laws from the same member state
- Visualise the progress and current status of a specific national or European legislation (after amendment/extensions) over time including preparatory acts and agreements, interrelation of laws and news or social media posts, including sentiment analysis, various geo-related visualisations
- Visualise correlations, dependencies and conflicts between different laws and decision support services (e.g. impact assessment) within legal procedures

CONNECT

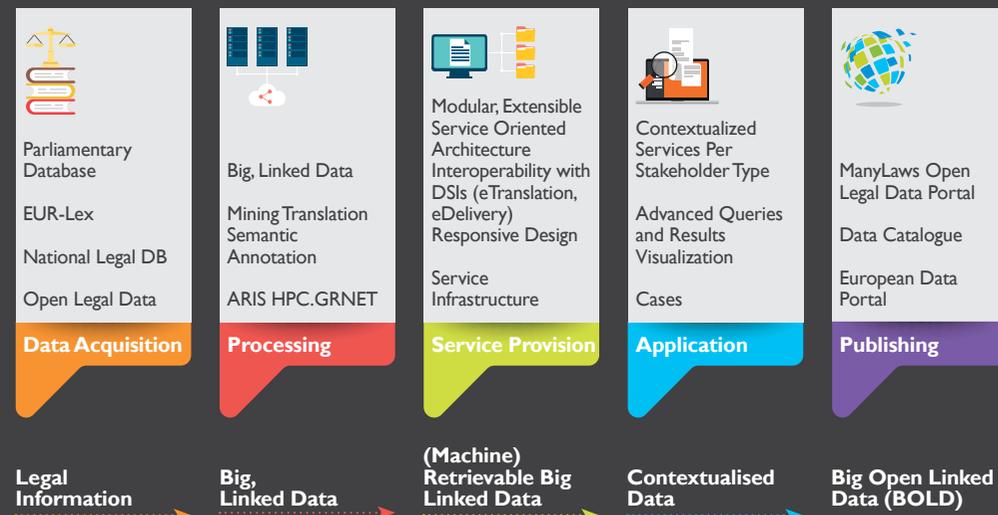
Data on laws produced by the EU, and at least by Austria and Greece, from 1990 to 2020, will be annotated, linked and transformed into structured open datasets with the use of supercomputing resources. The supported metadata will include: law titles, subjects, publication reference, dates of publication, keywords, article numbers (structure), and references to other laws.

The portal will be built addressing the need to be harvested by the Open Data Greece portal of the Ministry of Administrative Reconstruction (<http://www.data.gov.gr/>) and by the Open Government Data portal Austria (<https://www.data.gv.at/>).

The metadata model will comply with the W3C Data Catalog Vocabulary (DCAT), considering relevant extensions from existing legal metadata schemata, and thus enable the seamless uploading of the annotated datasets to the Open Data portals and their automatic harvesting by the European data portal (EDP).

CREATE

ManyLaws will implement a service-oriented, extensible and modular ICT architecture, interconnected with existing DSLs (eTranslation, eDelivery), and exploiting existing HPC infrastructure, to adequately manage, process, and annotate the large volumes of legal data. It will follow a layered approach from big data management and storage, through data processing, text mining, annotation, controlled access, to customized services per stakeholder type and advanced visualization of results.



ASSIST

Legal information is an asset. It is essential for decision making – not only for European Union institutions but also for Member States, local administrations, businesses and citizens.

Despite an overload of legal information that is available across EU, only legal experts can follow the latest legislation and case law.

Accurate, target-orientated, and timely information could reverse this trend and enhance the digitisation of decision-making processes.

