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A DATASET OF EU LEGAL AND POLICY INSTRUMENTS FOR THE DIGITAL WORLD

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July 2025

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This CEPS legislative dataset is an updated version and successor to a Bruegel dataset that was most recently published on 6 June 2024. Publishing an update now is appropriate because the European Commission has published several strategy documents that indicate what we might expect in the months to come.

The dataset is comprised of two tables:

- **Table 1:** Legislative measures relevant to digitalisation that were enacted in previous terms; a few legislative proposals that are still active; and ongoing EU policy initiatives that are likely to lead to new legislation in the foreseeable future.
- **Table 2:** Governmental and non-governmental bodies at EU level that contribute to the implementation and enforcement of legislative measures related to digitalisation.

This is the fourth edition of the EU dataset. It provides a comprehensive status update for the middle of the first full year of the 2024-2029 mandate.

This CEPS dataset is an EU-oriented companion to the [Dataset of international legal and policy instruments for the digital world](#) that the same authors published as a CEPS dataset on 6 May 2025.



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of the OECD.AI Network of Experts and Member of the 'AI Governance Alliance' at the World Economic Forum. He received EAIF's 'European AI Award' in 2024 and was listed as one of the '14 movers and shakers to watch for in Tech policy' by Euronews in 2025. J. Scott Marcus is an economist, engineer and public policy analyst. He is an Associate Senior Research Fellow in the Global Governance, Regulation, Innovation and Digital Economy (GRID) Unit at the Centre for European Policy Studies (CEPS) and a Professor (part-time) and member of the Scientific Committee of the Centre for a Digital Society, European University Institute (EUI / RSCAS). He also works as an independent consultant dealing with (regulatory) policy regarding electronic communications. Kamil Sekut is an economist and public policy analyst. He previously worked as a Research Analyst at Bruegel, an economic think tank based in Brussels, where his research focused on innovation, labour economics and public policy. He also has experience in academia and the public sector. Kamil holds a BSc in Economics from the University of Warsaw and an MSc in Economics from KU Leuven.

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All expressed views are personal and do not in any capacity represent the position of the European Parliament or the EPP Group. Suggested citation: 'Zenner, K., Marcus, J.S., and Sekut, K. (2025), "A dataset of international legal and policy instruments for the digital world", CEPS.

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OUR GOAL

It goes without saying that there has been an absolute explosion of new EU laws and regulations that are relevant to the digital world. Even the best experts struggle to keep up with this torrent of legal and policy instruments. The authors will continue to provide successive editions of this dataset because it's important that the research community have tools to help them make sense of this tsunami of legislative measures.

This CEPS dataset of EU law and regulation benefits from prior work. In the 2014-2019 legislative term, the European Parliament's Policy Department called for studies to assess the overall results of the legislative term. The [De Streel and Hocepiet \(2019\)](#) report on the legal characteristics of the Digital Single Market (DSM) provided a workable taxonomy of EU legislation, which [Marcus et al \(2019\)](#) used as a basis for assessing the economic results of the same EU legislative measures. An [earlier update to this body of work by Kai Zenner](#) further extended that analysis to cover EU legislative measures in the early years of the 2019-2024 legislative term. The authors of the current dataset then published three editions of the [Dataset on EU legislation for the digital world](#) as a Bruegel dataset in July 2023, November 2023 and June 2024. The authors gratefully acknowledge all this previous work.

An important common characteristic of all these datasets was the **classification of policy measures into a taxonomy of thematic areas**. The current international dataset follows the same taxonomy as the June 2024 dataset of EU legislation. We classify the measures depending on whether they primarily relate to (1) research and innovation; (2) industrial policy; (3) connectivity; (4) data and privacy; (5) intellectual property rights (IPR); (6) cybersecurity; (7) law enforcement; (8) trust and safety; (9) e-commerce and consumer protection; (10) competition and the EU Single Market; (11) media; and (12) finance.

In **Table 1**, the **enacted measures** appear in dark green and are listed within one of the 12 categories in order of their respective dates of enactment. A URL (hyperlink) is provided to an official copy of the Regulation or Directive in question, and its official number appears in the text. **Measures that are in the legislative process** appear in medium green in order of the date on which the proposal was submitted, again with a hyperlink to an official copy of the legislative proposal, the number of which again appears in the text. Planned initiatives are measures that have been announced but not yet formally proposed to the Parliament and Council. They appear in light green, once again with a hyperlink to the relevant Commission document – most often, either the *Competitiveness Compass for the EU* (COM(2025) 30 final) or else the *Commission work programme 2025*

(COM(2025) 45 final); alternatively, if a public consultation or a Call for Evidence is ongoing, we point to that.

Table 2 provides a list and taxonomy of the governmental and non-governmental bodies that in one way or another contribute to the implementation and enforcement of EU legislative measures that relate to digitalisation. The thematic taxonomy is the same as that used in Table 1, beginning with research and innovation, and continuing with industrial policy. Only EU bodies that have a role in implementing EU law relevant to digital services are included. Member State implementation bodies are not shown, nor are any expert groups that serve solely to provide the European Commission with high-level input and advice with the drafting of delegated or implementing acts. In Table 2, we distinguish between (1) EU institutions, (2) Executive agencies, (3) Decentralised agencies, (4) Governing boards, (5) Independent bodies, (6) Advisory bodies, (7) Networks of Member States, and (8) European Standardisation Organisations (ESOs).

NOTEWORTHY DEVELOPMENTS SINCE JUNE 2024

Our goal from the outset was to publish new versions of the dataset of EU legislation on an **as-needed basis**. There was no need to publish a new dataset of EU legislation during late 2024 or early 2025 because no new legislative proposals were on the table. Today, however, many Commission plans are now in motion.

Some important shifts are visible relative to the previous term. In at least one respect, what has *not* changed is noteworthy – most experts advocated a slowing down of new legislation to give businesses and the Member States an opportunity to catch up, but this isn't apparent it seems in the Commission's current planning.

The new plans reflect a substantial shift in priorities. In line with the Draghi Report and the Letta Report, a new focus on EU productivity is prominent, together with a focus on regulatory simplification and completing the EU Single Market. We expect a greater focus at EU level on defence going forward – a complex exercise, inasmuch as defence is primarily a Member State competence. We also anticipate less focus on any new initiatives to regulate digital platforms, due in part to the changed character of the transatlantic relationship.

How well the new focus on simplification will play out in practice over the course of the new legislative term remains to be seen. In short, **simplification is not simple!** The first noteworthy initiative in this direction by the new Commission was the Omnibus I Directive that seeks to amend three EU laws¹ to reduce allegedly overlapping reporting

¹ The Omnibus I Directive seeks to reduce reporting obligations in CSRD, CSDDD, and Taxonomy. There are now four Omnibus legislative proposals. They do not appear in our table because they do not create new laws.

requirements dealing with sustainability, human rights and corporate governance. In doing so, the Commission has [totally disregarded the Better Regulation process](#) that they committed to follow with new legislative proposals – and consequently, large parts of the legislative proposal are unconvincing. One can only hope that future simplification measures can be better planned... and better thought through.

SOURCES, LIMITATIONS, AND DISCLAIMERS

The authors have attempted to ensure that the information provided is accurate but we make no guarantees. Much of the information in our tables, especially information about measures that have already been enacted, is based on standard, publicly available sources. There is, however, a huge amount of material that potentially could have been included – we cannot promise that we captured every instrument that is potentially of interest. With that in mind, we very much welcome your input.

In case of comments or requests, please contact us at legislative.dataset@ceps.eu. We welcome any and all input from knowledgeable stakeholders.

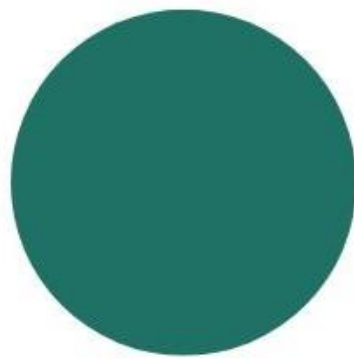
NEXT STEPS FOR OUR DATASETS

In line with our plan to publish new versions of the dataset of EU legislation on an **as-needed basis**, we expect to provide a new update in six to 12 months, depending on the speed with which the Commission proceeds with new legislative proposals and new strategy documents.

We intend to update the companion [dataset of global, international and regional instruments](#) annually.

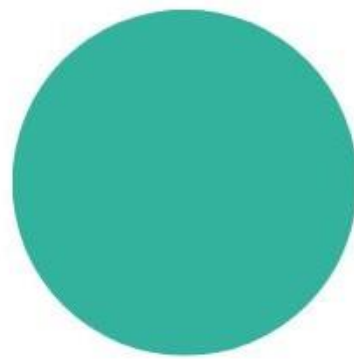
Research & Innovation	Industrial Policy	Connectivity	Data & Privacy	IPR	Cybersecurity	Law Enforcement	Trust & Safety	E-commerce & Consumer Protection	Competition & Single Market	Media	Finance
Digital Europe Programme Regulation (EU) 2021/694	Recovery and Resilience Facility Regulation (EU) 2021/241	Frequency Bands Directive (EEC) 1987/372	ePrivacy Directive (EC) 2002/58	Database Directive (EC) 1996/9	Regulation for a Cybersecurity Act (EU) 2019/881	Law Enforcement Directive (EU) 2016/680	Toys Regulation (EC) 2009/48, 2023/0290(COD)	Unfair Contract Terms Directive (UCTD) (EEC) 1993/13	EC Merger regulation (EC) 2004/139	Satellite and Cable Directive (EEC) 1993/83	Common VAT system (EC) 2006/112, 2022/0407(CNS), 2022/0409(CNS)
Horizon Europe Regulation (EU) 2021/695, (EU) 2021/764	InvestEU Programme Regulation (EU) 2021/523	Radio Spectrum Decision (EC) 2002/676	European Statistics (EC) 2009/223	Community Design Directive (EC) 2002/6	Regulation to establish a European Cybersecurity Competence Centre (EU) 2021/887	Directive on combating fraud and counterfeiting of non-cash means of payment (EU) 2019/713	European Standardization Regulation (EU) 2012/1025	Price Indication Directive (EC) 1998/6	Technology Transfer Block Exemption (EC) 2014/316	Information Society Directive (EC) 2001/29	Administrative cooperation in the field of taxation (EU) 2011/16
Regulation on a pilot regime distributed ledger technology (EU) 2022/858	Connecting Europe Facility Regulation (EU) 2021/1153	Electromagnetic compatibility Directive (EMC) (EU) 2014/30	General Data Protection Regulation (GDPR) (EU) 2016/679	Enforcement Directive (IPR) (EC) 2004/48	NIS 2 Directive (EU) 2022/2555	Regulation on interoperability between EU information systems in the field of borders and visa (EU) 2019/817	Radio Equipment Directive (RED) (EU) 2014/53	E-commerce Directive (EC) 2000/31	Company Law Directive (EU) 2017/1132	Audio-visual Media Services Directive (AVMSD) (EU) 2010/13	Payment Service Directive 2 (PSD2) (EU) 2015/2366, 2023/0209(COD)
European Innovation Act	Regulation on High Performance Computing Joint Undertaking (EU) 2021/1173	Open Internet Access Regulation (EU) 2015/2120	Regulation to protect personal data processed by EU institutions, bodies, offices and agencies (EU) 2018/1725	Protection of trade secrets (Directive) (EU) 2016/943	Cybersecurity Regulation (EU) 2023/2841	Regulation on terrorist content online (EU) 2021/784	eIDAS Regulation (European Digital Identity Framework) (EU) 2014/910	Unfair Commercial Practices Directive (UCPD) (EC) 2005/29	Screening of foreign direct investments Regulation (EU) 2019/452	Portability Regulation (EU) 2017/1128	Digital Operational Resilience Act (DORA Regulation) (EU) 2022/2554
European Research Area Act	Regulation on Joint Undertakings under Horizon Europe (EU) 2021/2085	European Electronic Communications Code Directive (EECC) (EU) 2018/1972	Free flow of non-personal data (Regulation) (EU) 2018/1807	Design Directive (EU) 2024/2823	Cyber Resilience Act (EU) 2024/2847	Temporary CSAM Regulation (EU) 2021/1232, 2022/0155(COD)	Regulation for a Single Digital Gateway (EU) 2018/1724	Directive on Consumer Rights (CRD) (EU) 2011/83	Market Surveillance Regulation (EU) 2019/1020	Satellite and Cable II Directive (EU) 2019/789	Crypto-assets Regulation (MiCA) (EU) 2023/1114
	Decision on a path to the Digital Decade (EU) 2022/2481	.eu top-level domain Regulation (EU) 2019/517	Open Data Directive (PSI) (EU) 2019/1024	Compulsory licensing of patents 2023/0129(COD)	Cyber Solidarity Act (Regulation) (EU) 2025/38	E-evidence Regulation (EU) 2023/1543	General Product Safety Regulation (EU) 2023/988	e-invoicing Directive (EU) 2014/55	P2B Regulation (EU) 2019/1150	Copyright Directive (EU) 2019/790	Anti-money laundering Regulation (AML) (EU) 2024/1624
	European Chips Act (Regulation) (EU) 2023/1781	Roaming Regulation (EU) 2022/612	Data Governance Act (Regulation) (EU) 2022/868		Information Security Regulation 2022/0084(COD)	Digitalisation of cross-border judicial cooperation (EU) 2023/2844	Machinery Regulation (EU) 2023/1230	Consumer Protection Cooperation Regulation (EU) 2017/2394	Single Market Programme (EU) 2021/690	European Media Freedom Act (EU) 2024/1083	Financial Data Access Regulation 2023/0205(COD)
	Establishing the Strategic Technologies for Europe Platform (STEP) (EU) 2024/795	Union Secure Connectivity Programme (EU) 2023/588	Data Act (Regulation) (EU) 2023/2854		Digital package	Directive on combating violence against women (EU) 2024/1385	AI Act (Regulation) (EU) 2024/1689	Geo-Blocking Regulation (EU) 2018/302	Vertical Block Exemption Regulation (VBER) (EU) 2022/720		Payment Services Regulation 2023/0210(COD)
	European Critical Raw Materials Act (Regulation) (EU) 2024/1252	Gigabit Infrastructure Act (EU) 2024/1309	Interoperable Europe Act (EU) 2024/903			Directive for combating sexual abuse and child sexual abuse material 2024/0035(COD)	Eco-design Regulation (EU) 2024/1781	Digital content Directive (EU) 2019/770	Digital Market Act (DMA Regulation) (EU) 2022/1925		Digital Euro 2023/0212(COD)
	Net Zero Industry Act (EU) 2024/1735	Digital Networks Act	Regulation on data collection for short-term rental (EU) 2024/1028			EU Digital Travel application, 2024/0670(COD)	Product Liability Directive (PLD) (EU) 2024/2853	Digital Contracts for Goods Directive (EU) 2019/771	Regulation on distortive foreign subsidies (EU) 2022/2560		Regulation on combating late payment 2023/0323(COD)
	EU Space Act	EU Cloud and AI Development Act	European Health Data Space (Regulation) (EU) 2025/327					Digital Services Act (DSA Regulation) (EU) 2022/2065	Horizontal Block Exemption Regulations (HBER) (EU) 2023/1066, (EU) 2023/1067		
	Quantum Act		Harmonization of GDPR enforcement procedures 2023/0202(COD)					Political Advertising Regulation (EU) 2024/900	Internal Market Emergency and Resilience Act (EU) 2024/2747		
	European Biotech Act		GreenData4all					Right to repair Directive (EU) 2024/1799	Platform Work Directive (PWD) (EU) 2024/2831		
	Advanced Materials Act		European Data Union Strategy					Digital Fairness Act	28th regime		
	Circular Economy Act								Revision of directives on Public Procurement		

Colour coding:



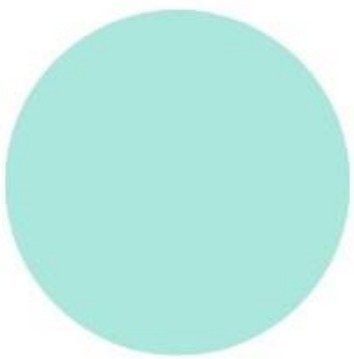
Applicable Law

Published in the Official Journal of the EU



In process

Proposal by the Commission entered the legislative process



Planned initiative

Mentioned by the Commission as potential initiative

Table 2: Overview of EU governance mechanisms in the digital sector

Research & Innovation	Industrial Policy	Connectivity	Data & Privacy	IPR	Cybersecurity	Law Enforcement	Trust & Safety	E-commerce & Consumer Protection	Competition & Single Market	Media	Finance								
European Commission (DG CNCT): Unit D.1 [(EU) 2021/694 (EU) 2021/695]	Governing Board of European High-Performance Computing Joint Undertaking (EuroHPC JU) [(EU) 2021/1173]	European Commission (DG DEFIS): Unit B.1 [(EU) 2023/588]	European Health and Digital Executive Agency (HaDEA) [(EU) 2021/173]	European Union Intellectual Property Office (EUIPO) [(EU) 2012/386, (EU) 2017/1001]	CERT-EU [(EU, Euratom) 2023/2841]	European Anti-Fraud Office (OLAF) [(EC) 1999/352]	European Commission (DG CNECT): AI Office [(EU) 2024/1689]	European Commission (DG JUST): Unit B.3 (Consumer Enforcement and Redress)	European Commission (DG CNCT): Unit F.2 & F.3 [(EU) 2022/1925, 2022/2065]	European Board for Media Services [(EU) 2024/1083]	European Central Bank (ECB) [(EU) 2015/2366, 2023/0212 (COD)]								
European Research Council Executive Agency (ERCEA) [(EU) 2021/173, (EU) 2021/694, (EU) 2021/695]	European Digital Infrastructure Consortium (EDIC) [(EU) 2022/2481]	Body of European Regulators for Electronic Communications (BEREC) [(EU) 2015/2120, (EU) 2018/1972, (EU) 2022/612]	European Data Protection Board (EDPB) [(EU) 2016/679]	European Patent Organization (EPO) [(EU) 1257/2012]	European Cybersecurity Competence Centre (ECCC) [(EU) 2021/887]	EU Fundamental Rights Agency (FRA) [(EC) 2007/168]	Gateway coordination group [(EU) 2018/1724]	European Board for Digital Services [(EU) 2022/2065]	European Commission (DG COMP: Antitrust)		European Securities and Markets Authority (ESMA) [(EU) 2022/858, 2022/2554, 2023/1114]								
European Innovation Council & SMEs Executive Agency (EISMEA) [(EU) 2021/173, (EU) 2021/694, (EU) 2021/695]	European Chips Infrastructure Consortium (ECIC) [(EU) 2023/1781]	European Union Agency for the Space Programme (EUSPA) [(EU) 2021/696, (EU) 2023/588]	European Data Protection Supervisor (EDPS) [(EU) 2018/1725]	European Observatory on Infringements of IPR [(EU) 2012/386]	European Defence Agency (EDA) [(EU) 2015/1835]	Europol [(EU) 2016/794]	European Artificial Intelligence Board [(EU) 2024/1689]	Consumer Protection Cooperation Network (CPC) [(EU) 2017/2394]	European Commission (DG GROW): Unit A.4 (Strategy and Regulation) [2022/0278 (COD)]		Authority for Anti-Money Laundering and Countering the Financing of Terrorism (AMLA) [(EU) 2024/1620, (EU) 2024/1624]								
European Research Executive Agency (REA) [(EU) 2021/173, (EU) 2021/694, (EU) 2021/695]	Governing Board of Chips Joint Undertaking (Chips JU) [2022/0033(NLE)]	Governing Board of Smart Networks and Services Joint Undertaking (SNS JU) [(EU) 2021/2085]	European Statistical System Committee [(EC) 2009/223]		EU Agency for Cybersecurity (ENISA) [(EU) 2019/881]	European Public Prosecutor's Office (EPPO) [(EU) 2017/1939]	Ecodesign Forum [(EU) 2024/1781]	European Consumer Centres Network [(EU) 2021/690]	Advisory Committee on Restrictive Practices and Dominant Positions [(EC) 2003/1]		European Banking Authority (EBA) [(EU) 2015/2366, (EU) 2022/2554, (EU) 2023/1114, 2023/0205 (COD)]								
European Institute of Innovation & Technology (EIT) [(EU) 2021/694, (EU) 2021/695]	European Semiconductor Board [(EU) 2023/1781]	Communications Committee (COCOM) [(EU) 2018/1972, (EU) 2019/517, (EU) 2022/612]	European Data Innovation Board (EDIB) [(EU) 2022/868, (EU) 2023/2854]		European Cyber Shield [(EU) 2025/38]	eu-LISA [(EU) 2018/1726, (EU) 2018/817]	European Committee for Electrotechnical Standardization (CENELEC) [(EU) 2012/1025]	Consumer Safety Network [(EU) 2023/988]	Advisory Committee on Concentrations [(EC) 2004/139]		European Insurance and Occupational Pensions Authority (EIOPA) [(EU) 2022/2554, 2023/0205 (COD)]								
European Digital Innovation Hubs Network (EDIH) [(EU) 2021/694]	European Critical Raw Materials Board [(EU) 2024/1252]	Multistakeholder Advisory Group [(EU) 2019/517]	Interoperable Europe Board [(EU) 2024/903]		European Cybersecurity Certification Group (ECCG) [(EU) 2019/881]	Euroiust [(EU) 2018/1727]	European Committee for Standardization (CEN) [(EU) 2012/1025]		Contact Committee [(EU) 2017/1132]		VAT Committee [(EC) 2006/112, (CNS) 2022/0407]								
	SET Plan Steering Group [(EU) 2024/1735]	Interoperable Europe Board [(EU) 2024/903]	European Health Data Space Board (EHDS) [(EU) 2025/327]		NIS cooperation group [(EU) 2022/2555]	Frontex [(EU) 2019/1896]	European Telecommunications Standards Institute (ETSI) [(EU) 2012/1025]		High-Level Group on DMA [(EU) 2022/1925]		Committee on Administrative Cooperation for Taxation [(EU) 2011/16]								
	Net-zero Europe Platform [(EU) 2024/1735]	European Space Agency (ESA) [(EU) 2023/588]			Interinstitutional Cybersecurity Board (IICB) [(EU, Euratom) 2023/2841]	Interoperability Advisory Group [(EU) 2019/817]			Internal Market Emergency and Resilience Board [(EU) 2024/2747]		The Standing Committee on Administrative Cooperation [(CNS) 2022/0407]								
	European network of competence centers in semiconductors [(EU) 2023/1781]				Interinstitutional Information Security Coordination group [2022/0084(COD)]	European Judicial Network in criminal matters [(EU) 2024/1385]			European Competition Network (ECN) [(EC) 2003/1]										
					Network of National Coordination Centres [(EU) 2021/887]				Union Product Compliance Network [(EU) 2019/1020]										
CSIRTs network [(EU) 2022/2555]																			
EU CyCLONe [(EU) 2022/2555]																			
EU Cybersecurity Reserve [(EU) 2025/0038]																			
European Cybersecurity Alert System [(EU) 2025/38]																			

Colour coding:



EU Institutions



Executive agency



Decentralised agency



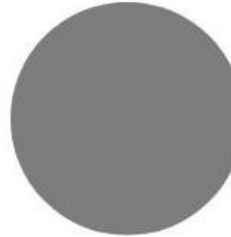
Governing board



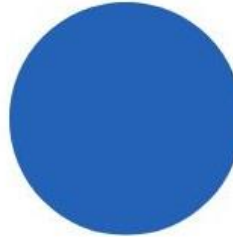
Independent body



Advisory body



Network of Member States



European standardisation organisations