Basic information

2021/0293(COD) COD - Ordinary legislative procedure (ex-codecision procedure) Decision	Procedure completed
2030 policy programme “Path to the Digital Decade” **Subject** 3.30.06 Information and communication technologies, digital technologies 3.30.25 International information networks and society, internet	

Key players

European Parliament

Committee responsible	Rapporteur	Appointed
ITRE Industry, Research and Energy	DLABAJOVÁ Martina (Renew)	09/11/2021
	Shadow rapporteur ŠTEFANEC Ivan (EPP) CUTAJAR Josianne (S&D) SOLÉ Jordi (Greens/EFA) STEGRUD Jessica (ECR) LIZZI Elena (ID) MATIAS Marisa (The Left)	

Committee for opinion	Rapporteur for opinion	Appointed
ECON Economic and Monetary Affairs	The committee decided not to give an opinion.	
EMPL Employment and Social Affairs	PÎSLARU Dragoş (Renew)	24/01/2022
IMCO Internal Market and Consumer Protection	IJABS Ivars (Renew)	16/11/2021
CULT Culture and Education	VERHEYEN Sabine (EPP)	14/12/2021

Council of the European Union

European Commission

Commission DG	Commissioner

	Communications Networks, Content and Technology	BRETON Thierry
European Economic and Social Committee		

Key events

Date	Event	Reference	Summary
15/09/2021	Legislative proposal published	COM(2021)0574	Summary
18/10/2021	Committee referral announced in Parliament, 1st reading		
16/05/2022	Vote in committee, 1st reading		
16/05/2022	Committee decision to open interinstitutional negotiations with report adopted in committee		
23/05/2022	Committee report tabled for plenary, 1st reading	A9-0159/2022	Summary
06/06/2022	Committee decision to enter into interinstitutional negotiations announced in plenary (Rule 72)		
08/06/2022	Committee decision to enter into interinstitutional negotiations confirmed by plenary (Rule 72)		
01/09/2022	Approval in committee of the text agreed at 1st reading interinstitutional negotiations	PE735.599 GEDA/A/(2022)005368	
24/11/2022	Decision by Parliament, 1st reading	T9-0414/2022	Summary
24/11/2022	Results of vote in Parliament		
24/11/2022	Debate in Parliament		
02/12/2022	Act adopted by Council after Parliament's 1st reading		
14/12/2022	Final act signed		
19/12/2022	Final act published in Official Journal		

Technical information

Procedure reference	2021/0293(COD)
Procedure type	COD - Ordinary legislative procedure (ex-codecision procedure)
Procedure subtype	Legislation
Legislative instrument	Decision
Legal basis	Treaty on the Functioning of the European Union TFEU 173-p3
Other legal basis	Rules of Procedure EP 165
Mandatory consultation of other institutions	European Economic and Social Committee
Stage reached in procedure	Procedure completed
Committee dossier	ITRE/9/07309

Documentation gateway

European Parliament

Document type	Committee	Reference	Date	Summary
Committee draft report		PE719.734	03/03/2022	
Amendments tabled in committee		PE730.058	25/03/2022	
Committee opinion	IMCO	PE704.564	25/04/2022	
Committee opinion	CULT	PE703.286	28/04/2022	
Committee opinion	EMPL	PE704.900	28/04/2022	
Committee report tabled for plenary, 1st reading/single reading		A9-0159/2022	23/05/2022	Summary
Text agreed during interinstitutional negotiations		PE735.599	22/07/2022	
Text adopted by Parliament, 1st reading/single reading		T9-0414/2022	24/11/2022	Summary

Council of the EU

Document type	Reference	Date	Summary
Coreper letter confirming interinstitutional agreement	GEDA/A/(2022)005368	22/07/2022	
Draft final act	00050/2022/LEX	14/12/2022	

European Commission

Document type	Reference	Date	Summary
Legislative proposal	COM(2021)0574	15/09/2021	Summary
Document attached to the procedure	SWD(2021)0247	15/09/2021	
Commission response to text adopted in plenary	SP(2022)718	01/02/2023	
Follow-up document	COM(2023)0570	27/09/2023	
Follow-up document	SWD(2023)0570	28/09/2023	
Follow-up document	SWD(2023)0571	28/09/2023	
Follow-up document	SWD(2023)0572	28/09/2023	
Follow-up document	SWD(2023)0573	28/09/2023	
Follow-up document	SWD(2023)0574	28/09/2023	
Follow-up document	COM(2024)0260	02/07/2024	
Follow-up document	SWD(2024)0260	02/07/2024	

Follow-up document	SWD(2024)0261	02/07/2024	

National parliaments

Document type	Parliament /Chamber	Reference	Date	Summary
Contribution	RO_CHAMBER	COM(2023)0570	04/04/2024	
Contribution	RO_CHAMBER	COM(2024)0260	15/04/2025	

Other institutions and bodies

Institution/body	Document type	Reference	Date	Summary
EESC	Economic and Social Committee: opinion, report	CES4854/2021	19/01/2022	

Additional information

Source	Document	Date
European Parliament	Briefing	15/06/2022
European Commission	EUR-Lex	

Meetings with interest representatives published in line with the Rules of Procedure

Rapporteurs, Shadow Rapporteurs and Committee Chairs

Transparency

Name	Role	Committee	Date	Interest representatives
MITUȚA Alin	Shadow rapporteur	ITRE	10/10/2022	Connect Europe
ŠTEFANEC Ivan	Shadow rapporteur	ITRE	28/06/2022	GIGAEurope aisbl
SOLÉ Jordi	Shadow rapporteur	ITRE	29/04/2022	Alber and Geiger, in representation of the Embassy of India to the EU
SOLÉ Jordi	Shadow rapporteur	ITRE	16/03/2022	Vodafone
CUTAJAR Josianne	Shadow rapporteur	ITRE	09/03/2022	EUROCHAMBRES – Association of European Chambers of Commerce and Industry
CUTAJAR Josianne	Shadow rapporteur	ITRE	08/03/2022	Vodafone Belgium SA
CUTAJAR Josianne	Shadow rapporteur	ITRE	21/02/2022	ITI - The Information Technology Industry Council
CUTAJAR Josianne	Shadow rapporteur	ITRE	16/02/2022	Orange
SOLÉ Jordi	Shadow rapporteur	ITRE	16/02/2022	Meta

CUTAJAR Josianne	Shadow rapporteur	ITRE	09/02/2022	Telefonica, S.A.
CUTAJAR Josianne	Shadow rapporteur	ITRE	09/02/2022	Connect Europe
CUTAJAR Josianne	Shadow rapporteur	ITRE	08/02/2022	GSMA Europe
CUTAJAR Josianne	Shadow rapporteur	ITRE	02/02/2022	European DIGITAL SME Alliance
CUTAJAR Josianne	Shadow rapporteur	ITRE	01/02/2022	BUSINESSEUROPE
CUTAJAR Josianne	Shadow rapporteur	ITRE	06/12/2021	Access Partnership
CUTAJAR Josianne	Shadow rapporteur	ITRE	10/11/2021	Rud Pedersen Brussels

Other Members

Transparency		
Name	**Date**	**Interest representatives**
GARCÍA DEL BLANCO Ibán	26/04/2022	Butxido Agency

Final act
Decision 2022/2481 OJ L 323 19.12.2022, p. 0004

2030 policy programme “Path to the Digital Decade”

2021/0293(COD) - 15/09/2021 - Legislative proposal

PURPOSE: to establish the 2030 Policy Programme ‘Path to the Digital Decade’.

PROPOSED ACT: Decision of the European Parliament and of the Council.

ROLE OF THE EUROPEAN PARLIAMENT: the European Parliament decides in accordance with the ordinary legislative procedure and on an equal footing with the Council.

BACKGROUND: digital skills, basic and advanced, are essential to reinforce the collective resilience of the EU’s society. Digital progress in the Member States has been very uneven in the last years. The trend shows that the countries progressing at a slow pace five years ago, have continued to progress slowly until now.

Building on the 2030 Digital Compass, in which the Commission laid out the vision for a successful digital transformation of Europe's economy and society by the end of the decade, the Commission now introduces a robust governance framework to reach the digital targets in the form of a Path to the Digital Decade. The path seeks to ensure that the EU achieves its objectives and targets towards a digital transformation of society and economy in line with the EU´s values, reinforcing our digital leadership and promoting human centred, inclusive and sustainable digital policies empowering citizens and businesses.

With this new Path to the Digital Decade, there will be structured cooperation to work collectively towards the agreed objectives, while recognising different starting points among Member States.

CONTENT: this draft Decision proposed by the Commission establishes a Policy Programme ‘Path to the Digital Decade’ and sets out a monitoring and cooperation mechanism for that programme consisting of measures to:

- set a clear direction for the digital transformation of the Union and for delivery of the digital targets;

- structure and stimulate cooperation between the Union institutions and Member States;

- ensure the consistency, comparability and completeness of the monitoring and reporting by the Union.

The proposed Decision also establishes a framework for multi-country projects.

Targets

The proposed Decision lists common digital targets along **four cardinal points** (digital skills, digital infrastructures, digitalisation of businesses and of public services) to translate the EU's ambition for a successfully digitalised Union by 2030 into common concrete objectives.

Cooperation

Specifically, the Commission proposes to engage in an annual cooperation mechanism with Member States that will consist of:

- a structured, transparent and shared monitoring system based on the Digital Economy and Society Index (DESI) to measure progress towards each of the 2030 targets; including key performance indicators (KPIs);

- an annual report on the 'State of the Digital Decade', in which the Commission will evaluate progress and provide recommendations for actions;

- multiannual digital decade strategic roadmaps for each Member State, in which they will outline adopted or planned policies and measures in support of the 2030 targets;

- a structured annual framework to discuss and address areas of insufficient progress through recommendations and joint commitments between the Commission and the Member States;

- a mechanism to support the implementation of multi-country projects.

Digital Economy and Society Index (DESI)

The Digital Economy and Society Index (DESI) should become a part of the report on the state of the Digital Decade and should be used to monitor the progress towards the digital targets. This monitoring should include an analysis of the indicators measuring progress at Member States' level, national policies and initiatives aimed at reaching the objectives of this draft Decision. For each digital target, key performance indicators ('KPIs) should be set out in implementing acts to be adopted by the Commission.

Multi-country projects

The Policy Programme 'Path to the Digital Decade' also foresees a mechanism for a legal structure enabling the swift and flexible set-up and implementation of multi-country projects, in particular for the deployment across countries of large-scale digital infrastructures and/or services. These large-scale projects would contribute to achieving the targets for Europe's digital transformation by 2030 - projects that no single Member State could develop on its own. Such projects will allow Member States to come together and pool resources to build digital capacities in areas that are fundamental for enhancing Europe's digital sovereignty and for fuelling Europe's recovery.

The Commission has identified an initial list of multi-country projects, which includes several areas for investment: data infrastructure, low-power processors, 5G communication, high-performance computing, secure quantum communication, public administration, blockchain, digital innovation hubs, and investing in people's digital skills.

Reports

The proposal entails the monitoring and reporting on digital progress which will be presented in an annual report on the 'State of the Digital Decade', to be submitted to the Parliament and Council. On that occasion, the Commission would share its strategic assessment of the EU's digital transformation with Council and Parliament and would provide recommended actions and measures to Member States or discuss joint commitments undertaken between the Commission and the Member States.

Review

Lastly, the Commission proposes that the targets are to be reviewed by the Commission by June 2026 to take account of technological, economic and societal developments.

2030 policy programme "Path to the Digital Decade"

2021/0293(COD) - 24/11/2022 - Text adopted by Parliament, 1st reading/single reading

The European Parliament adopted by 522 votes to 29, with 25 abstentions, a legislative resolution on the proposal for a decision of the European Parliament and of the Council establishing the 2030 Policy Programme 'Path to the Digital Decade'.

Parliament adopted its position at first reading in accordance with the ordinary legislative procedure, amending the proposal as follows:

Subject

This Decision establishes the **Digital Decade Policy Programme 2030** and sets out a monitoring and cooperation mechanism for that programme designated to:

- creating an environment favourable to innovation and investment by setting a clear direction for the digital transformation of the Union and for the delivery of digital targets at Union level by 2030, on the basis of measurable indicators;

- structuring and stimulating cooperation between the European Parliament, the Council, the Commission and the Member States;

- fostering the consistency, comparability, transparency and completeness of monitoring and reporting by the Union.

General objectives

The European Parliament, the Council, the Commission and the Member States should cooperate to support and achieve the following general objectives at Union level:

- promoting a **human-centred, fundamental-rights-based, inclusive, transparent and open digital environment** where secure and interoperable digital technologies and services observe and enhance Union principles, rights and values and are accessible to all, everywhere in the Union;

- reinforcing Member States' collective resilience and **bridging the digital divide**, achieving gender and geographic balance, developing basic and advanced digital skills and competencies, fostering the development of high-performing digital capacities within horizontal education and training systems;

- ensuring the **Union's digital sovereignty** in an open manner, in particular by secure and accessible digital and data infrastructures capable of efficiently storing, transmitting and processing vast volumes of data that enable other technological developments, supporting the competitiveness and sustainability of the Union's industry and economy, in particular of SMEs, and the resilience of the Union's value chains, as well as fostering the start-up ecosystem and the smooth functioning of the European digital innovation hubs;

- promoting the deployment and the use of digital capabilities with a view to reducing the geographical digital divide and granting access to digital technologies and data on open, accessible and fair terms;

- developing a **comprehensive and sustainable ecosystem of interoperable digital infrastructures**, where high performance, edge, cloud, quantum computing, artificial intelligence, data management and network connectivity work in convergence;

- promoting a **Union digital regulatory environment** to support the ability of Union undertakings, especially that of SMEs, to compete fairly along global value chains;

- ensuring that **online participation in democratic life** is possible for everyone, and that public services, health and care services are also accessible in a trusted and secure online environment for everyone, in particular for disadvantaged groups;

- ensuring that digital infrastructure and technologies, including their supply chains, become more **sustainable, resilient**, and energy- and resource-efficient, with a view to minimising their negative environmental and social impact;

- improving resilience to **cyberattacks**.

Digital targets

The following digital targets should be reached in the Union by 2030:

- at least 80 % of those aged 16-74 have at least basic digital skills;

- at least 20 million ICT specialists are employed within the Union, while promoting the access of women to this field and increasing the number of ICT graduates;

- all end users at a fixed location are covered by a gigabit network up to the network termination point, and all populated areas are covered by next-generation wireless high-speed networks with performance at least equivalent to that of 5G, in accordance with the principle of technological neutrality;

- the production, in accordance with Union law on environmental sustainability, of cutting-edge semiconductors in the Union is at least 20 % of world production in value;

- at least 75 % of Union enterprises have taken up one or more of the following, in line with their business operations;

- there is 100 % online accessible provision of key public services and 100 % of Union citizens have access to secure electronic identification (eID) means that are recognised throughout the Union, enabling them to have full control over identity transactions and shared personal data.

National strategic roadmaps

No later than nine months after the date of entry into force of the Decision, each Member State should submit its national roadmap to the Commission. Regional roadmaps may be developed.

The roadmaps should be drafted after consultation with key stakeholders, such as business organisations, including SME representatives, social partners and civil society, including older people and youth, as well as local and regional representatives, and should be a key tool for coordinating Member States' policies and ensuring predictability for the market.

Mechanisms for cooperation between the Commission and the Member States

The Commission and the Member States should cooperate closely to identify ways to address shortcomings in areas where progress towards one or more of the digital targets is regarded to be insufficient by the Commission and the Member States. In the event of significant deviation from the national target paths, the Commission or the Member State concerned may enter into a **structured dialogue** with each other.

The Commission should **consult** in a timely, transparent and regular manner with private and public stakeholders, including representatives of SMEs, social partners and civil society, in order to gather information and develop policies, measures and recommended actions for the implementation of this Decision.

2030 policy programme “Path to the Digital Decade”

2021/0293(COD) - 23/05/2022 - Committee report tabled for plenary, 1st reading/single reading

The Committee on Industry, Research and Energy adopted the report by Martina DLABAJOVÁ (Renew, CZ) on the proposal for a decision of the European Parliament and of the Council establishing the 2030 Policy Programme ‘Path to the Digital Decade’.

The committee responsible recommended that the European Parliament's position adopted at first reading under the ordinary legislative procedure be amended as follows:

Subject matter

This Decision establishes a Policy Programme ‘Path to the Digital Decade’ and sets out a monitoring and cooperation mechanism for that programme consisting of measures to:

(a) set a clear direction for the digital transformation of the Union and for delivery of the digital targets by 2030 based on measurable indicators;

(b) structure and stimulate cooperation between the Union institutions and Member States;

(c) ensure the consistency, comparability, transparency and completeness of the monitoring and reporting by the Union.

General objectives

The Union institutions and the Member States should cooperate to support and achieve the following general objectives:

- promote a **human-centred, inclusive, ethical, secure, open, transparent and interoperable** digital environment where digital technologies and services respect and enhance Union principles, rights and values;

- **bridge the digital divides** by promoting continuous opportunities for each individual, to develop basic and advanced digital skills and competencies as well as by fostering the development of horizontal high-performing digital education and training systems through vocational and professional training, reskilling, upskilling and lifelong learning;

- **ensure the Union’s digital, open strategic autonomy**, in particular by a secure and accessible digital and data infrastructures, supporting the competitiveness and sustainability of the Union’s industry and economy, in particular of SMEs, and the resilience of the Union’s value chains;

- **reduce the geographical digital divide** and giving access to digital technologies and data on open, accessible and fair terms, while ensuring the protection of fundamental rights including security;

- **develop a comprehensive and sustainable ecosystem** of interoperable digital infrastructures where high performance, edge, cloud, quantum computing, artificial intelligence, data management and network connectivity work in convergence, to promote their uptake in the Union businesses, to create opportunities for growth and jobs through research, development and innovation;

- promote the development of **regulatory standards** to ensure that Union undertakings, especially SMEs, can compete fairly along global value chains;

- improve resilience to cyberattacks.

A **technology-neutral approach** to connectivity is a principle that should guide national and EU digital policies.

Digital targets

In particular, the following digital targets should be achieved in the EU by 2030:

- a digitally skilled population and highly skilled digital professionals: (i) at least 80% of people aged 16-74 have at least basic digital skills; (b) at least 20 million information and communication technology (ICT) specialists are employed in the EU, promoting women's access to the sector;

- **sustainable, secure and efficient digital infrastructure**: (i) all European households, business premises and educational institutions are covered by a gigabit network, reaching the last segment, right up to the end-user device, with all populated areas covered by next-generation broadband networks; (ii) by 2030, the EU has a competitive and sustainable cloud data infrastructure with high standards of security and privacy, and respecting EU data protection rules;

- **digital transformation of enterprises**: at least 75% of EU enterprises have adopted one or more of the following, depending on their business activities: (i) cloud computing services; (ii) big data; (iii) artificial intelligence;

- **digitalisation of public services**: 100% of EU citizens have access to a secure digital identification (ID) solution recognised throughout the EU, giving users full control over their personal data.

National strategic roadmaps for the digital decade

The roadmaps should be drafted after **consultation with key stakeholders**, such as business organisations, including SME representatives, social partners and civil society, including the elderly and young people, as well as local and regional representatives, and should be a crucial tool for coordinating Member States' policies and ensuring predictability for the market.

Transparency and public participation

The Commission should cooperate closely with stakeholders, including private and public actors, such as statutory bodies in the education or health sector, and consult them on measures to accelerate the digital transformation at EU level.

When consulting stakeholders, it would be necessary to be **as inclusive as possible** and to involve those bodies that are key to promoting the participation of girls and women in digital education and career paths, with the aim of promoting the most **gender-balanced** approach possible when implementing national strategic roadmaps.