

Digital Single Market

The National Role in Radio Spectrum Policy

Team responsible

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Radio spectrum management is a clear responsibility of the EU's Member States. It is national authorities who implement national policies on spectrum management. These policies and management practices reflect European and international harmonisation and technical agreements.

Implementing mechanisms for radio spectrum management vary from nation to nation across Europe but all must comply with European decisions in this area and report back on progress on harmonisation issues.

In some EU Member States, aspects of spectrum management are devolved to regional authorities, while others retain exclusive control for all radio spectrum at the national level.

A table of all responsible national authorities in Europe is available. This list includes all nations that contribute to the Radio Spectrum Policy Group (RSPG), including observer nations.

Monitoring compliance

The various national authorities are responsible for allocating appropriate frequency bands in their own country. Such allocations must comply with EU decisions and directives on harmonisation and technical issues, as well as legal obligations on competitiveness and completion of the single market.

The national authorities must provide information on the allocation, availability and use of radio spectrum within their territory to the European Commission in a timely and coordinated manner.

National bodies are obliged to regularly report progress on harmonisation in the area of authority to the EU.

The [library](#) [2] contains information about current implementation in the countries of the EU.

International involvement

It is the national authorities that are the voting members of the international bodies, such as the World Radiocommunications Conference (WRC), and therefore must pursue agreed European common positions in international agreements.

The European Commission can act as a participatory observer in international discussions but has no voting rights. It is the votes of individual Member States that ensure that European policy and management strategy is reflected in global agreements.

The national authorities responsible for radio spectrum management for the 27 European Union Member States are listed in our [links section](#) [3]. For further information on a particular authority visit the appropriate website.

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[65] <https://ec.europa.eu/digital-single-market/en/web-accessibility>

[66] <https://ec.europa.eu/digital-single-market/en/research-and-innovation-ageing-well-ict>

[67] <https://ec.europa.eu/digital-single-market/en/robotics-ageing-well-current-research>

[68] <https://ec.europa.eu/digital-single-market/en/digitisation-digital-preservation>

[69] <https://ec.europa.eu/digital-single-market/en/member-states-expert-group-digitisation-digital-preservation>

[70] <https://ec.europa.eu/digital-single-market/en/content/safer-internet-better-internet-kids>

[71] <https://ec.europa.eu/digital-single-market/en/photonics-and-our-daily-life>

[72] <https://ec.europa.eu/digital-single-market/en/relevant-research-projects-photonics>

[73] <https://ec.europa.eu/digital-single-market/en/industrial-innovation-and-cooperation-european-level>

[74] <https://ec.europa.eu/digital-single-market/en/telecoms-rules>

[75] <https://ec.europa.eu/digital-single-market/en/avmsd-list-major-events>

[76] <https://ec.europa.eu/digital-single-market/en/policies/ehealth>

[77] <https://ec.europa.eu/digital-single-market/en/content/benefiting-personalised-care>

[78] <https://ec.europa.eu/digital-single-market/en/content/managing-health-data>

[79] <https://ec.europa.eu/digital-single-market/en/telemedicine>

[80] <https://ec.europa.eu/digital-single-market/en/content/virtual-physiological-human>

[81] <https://ec.europa.eu/digital-single-market/en/art-7-consultation-procedures>

[82] <https://ec.europa.eu/digital-single-market/en/112-promotional-material>

[83] <https://ec.europa.eu/digital-single-market/en/going-local>

[84] <https://ec.europa.eu/digital-single-market/en/policies/scoreboard>

[85] <https://ec.europa.eu/digital-single-market/en/create-graphs>

[86] <https://ec.europa.eu/digital-single-market/en/progress-country>

[87] <https://ec.europa.eu/digital-single-market/en/download-data>

[88] <https://ec.europa.eu/digital-single-market/en/national-regulatory-authorities>

[89] <https://ec.europa.eu/digital-single-market/en/policies/wireless-europe>

[90] <https://ec.europa.eu/digital-single-market/en/future-internet-forum>

[91] <https://ec.europa.eu/digital-single-market/en/policies/broadband-europe>

[92] <https://ec.europa.eu/digital-single-market/en/collective-awareness-platforms-sustainability-and-social-innovation>

[93] <https://ec.europa.eu/digital-single-market/en/policies/startup-europe>

[94] <https://ec.europa.eu/digital-single-market/en/policies/better-internet-kids>

[95] <https://ec.europa.eu/digital-single-market/en/ict-art-starts-platform>

[96] <https://ec.europa.eu/digital-single-market/en/implementation-public-sector-information-directive>

[97] <https://ec.europa.eu/digital-single-market/en/self-regulation-and-stakeholders-better-internet-kids>

[98] <https://ec.europa.eu/digital-single-market/en/trust-services>

[99] <https://ec.europa.eu/digital-single-market/en/policies/open-internet-net-neutrality>

[100] <https://ec.europa.eu/digital-single-market/en/consultations>

[101] <https://ec.europa.eu/digital-single-market/en/policies/future-and-emerging-technologies>

[102] <https://ec.europa.eu/digital-single-market/en/fet-proactive>

[103] <https://ec.europa.eu/digital-single-market/en/fet-flagships>

[104] <https://ec.europa.eu/digital-single-market/en/media-convergence>

[105] <https://ec.europa.eu/digital-single-market/en/women-ict>

[106] <https://ec.europa.eu/digital-single-market/en/digital-skills-jobs-coalition>

[107] <https://ec.europa.eu/digital-single-market/en/policies/roaming>

[108] <https://ec.europa.eu/digital-single-market/en/non-legislative-measures-facilitate-re-use>

[109] <https://ec.europa.eu/digital-single-market/en/112>

[110] <https://ec.europa.eu/digital-single-market/en/eu-rules-112>

[111] <https://ec.europa.eu/digital-single-market/en/kids-corner>

[112] <https://ec.europa.eu/digital-single-market/en/girls-ict-day>

[113] <https://ec.europa.eu/digital-single-market/en/policies/photonics>

[114] <https://ec.europa.eu/digital-single-market/en/policies/online-privacy>

[115] <https://ec.europa.eu/digital-single-market/en/2013-promotional-campaign>

[116] <https://ec.europa.eu/digital-single-market/en/policies/cybersecurity>

[117] <https://ec.europa.eu/digital-single-market/en/open-innovation-strategy-and-policy-group>

[118] <https://ec.europa.eu/digital-single-market/en/policies/open-innovation>

[119] <https://ec.europa.eu/digital-single-market/en/ebooks>

[120] <https://ec.europa.eu/digital-single-market/en/europeana-european-digital-library-all>

[121] <https://ec.europa.eu/digital-single-market/en/transatlantic-cooperation>

[122] <https://ec.europa.eu/digital-single-market/en/integrated-care-health-and-social-care-become-one>

[123] <https://ec.europa.eu/digital-single-market/en/e-identification>

[124] <https://ec.europa.eu/digital-single-market/en/policies/trust-services-and-eidentification>

[125] <https://ec.europa.eu/digital-single-market/en/broadband-member-states>

[126] <https://ec.europa.eu/digital-single-market/en/active-and-assisted-living-joint-programme-aal-jp>

[127] <https://ec.europa.eu/digital-single-market/en/connected-tv>

[128] <https://ec.europa.eu/digital-single-market/en/consultations-media-issues>

[129] <https://ec.europa.eu/digital-single-market/en/the-top-level-domain-.eu>

[130] <https://ec.europa.eu/digital-single-market/en/open-and-participative-innovation>

[131] <https://ec.europa.eu/digital-single-market/en/policies/investing-network-technologies>

[132] <https://ec.europa.eu/digital-single-market/en/connected-tv-background-reading>

[133] <https://ec.europa.eu/digital-single-market/en/116-your-country>

[134] <https://ec.europa.eu/digital-single-market/en/open-science>

[135] <https://ec.europa.eu/digital-single-market/en/policies/open-access>

[136] <https://ec.europa.eu/digital-single-market/en/global-systems-science>

[137] <https://ec.europa.eu/digital-single-market/en/electronics-strategy-europe>

[138] <https://ec.europa.eu/digital-single-market/en/ict-innovation-vouchers-scheme-regions>

[139] <https://ec.europa.eu/digital-single-market/en/open-standards>

[140] <https://ec.europa.eu/digital-single-market/en/5G-international-cooperation>

[141] <https://ec.europa.eu/digital-single-market/en/policies/5G>

[142] <https://ec.europa.eu/digital-single-market/en/cloud-computing-strategy-working-groups>

[143] <https://ec.europa.eu/digital-single-market/en/cloud-select-industry-group-service-level-agreements>

[144] <https://ec.europa.eu/digital-single-market/en/cloud-select-industry-group-code-conduct>

[145] <https://ec.europa.eu/digital-single-market/en/time-ecsel>

[146] <https://ec.europa.eu/digital-single-market/en/etsi-cloud-standards-coordination>

[147] <https://ec.europa.eu/digital-single-market/en/policies/cyber-physical-systems>

[148] <https://ec.europa.eu/digital-single-market/en/policies/advanced-computing>
[149] <https://ec.europa.eu/digital-single-market/en/policies/smart-manufacturing>
[150] <https://ec.europa.eu/digital-single-market/en/factories-future>
[151] <https://ec.europa.eu/digital-single-market/en/qa-entrepreneurs-support>
[152] <https://ec.europa.eu/digital-single-market/en/ehealth-experts>
[153] <https://ec.europa.eu/digital-single-market/en/policies/ict-innovation>
[154] <https://ec.europa.eu/digital-single-market/en/policies/internet-things>
[155] <https://ec.europa.eu/digital-single-market/en/policies/ict-and-standardisation>
[156] <https://ec.europa.eu/digital-single-market/en/electronics-strategy-action>
[157] <https://ec.europa.eu/digital-single-market/en/content/completed-projects>
[158] <https://ec.europa.eu/digital-single-market/en/broadband-all-satellite>
[159] <https://ec.europa.eu/digital-single-market/en/innovation-procurement>
[160] <https://ec.europa.eu/digital-single-market/en/interoperability-standardisation-connecting-ehealth-services>
[161] <https://ec.europa.eu/digital-single-market/en/research-and-innovation-ehealth>
[162] <https://ec.europa.eu/digital-single-market/en/vision-and-innovation>
[163] <https://ec.europa.eu/digital-single-market/en/promote-capital-investment-production-europe>
[164] <https://ec.europa.eu/digital-single-market/en/smart-specialisation-dialogue-member-states-and-regions>
[165] <https://ec.europa.eu/digital-single-market/en/advanced-computing-research-projects>
[166] <https://ec.europa.eu/digital-single-market/en/embedded-systems>
[167] <https://ec.europa.eu/digital-single-market/en/monitoring-and-control>
[168] <https://ec.europa.eu/digital-single-market/en/access-design-and-silicon-developing-skills>
[169] <https://ec.europa.eu/digital-single-market/en/system-systems>
[170] <https://ec.europa.eu/digital-single-market/en/fet-projects-portfolio>
[171] <https://ec.europa.eu/digital-single-market/en/lighting-future>
[172] <https://ec.europa.eu/digital-single-market/en/organic-and-large-area-electronics>
[173] <https://ec.europa.eu/digital-single-market/en/opening-education>
[174] <https://ec.europa.eu/digital-single-market/en/coding-21st-century-skill>
[175] <https://ec.europa.eu/digital-single-market/en/research-and-innovation-ict-education>
[176] <https://ec.europa.eu/digital-single-market/en/financing-innovation>
[177] <https://ec.europa.eu/digital-single-market/en/open-innovation-group-members>
[178] <https://ec.europa.eu/digital-single-market/en/rolling-plan-ict-standardisation>
[179] <https://ec.europa.eu/digital-single-market/en/identification-ict-specifications>
[180] <https://ec.europa.eu/digital-single-market/en/potential-funding>
[181] <https://ec.europa.eu/digital-single-market/en/oispg-activities>
[182] <https://ec.europa.eu/digital-single-market/en/ict-innovation-horizon-2020>
[183] <https://ec.europa.eu/digital-single-market/en/electronics-roadmap-europe>
[184] <https://ec.europa.eu/digital-single-market/en/ehealth-studies-overview>
[185] <https://ec.europa.eu/digital-single-market/en/public-procurement-innovative-solutions>
[186] <https://ec.europa.eu/digital-single-market/en/pre-commercial-procurement>
[187] <https://ec.europa.eu/digital-single-market/en/guide-high-speed-broadband-investment>
[188] <https://ec.europa.eu/digital-single-market/en/european-digital-forum>
[189] <https://ec.europa.eu/digital-single-market/en/policies/big-data>
[190] <https://ec.europa.eu/digital-single-market/en/towards-thriving-data-driven-economy>
[191] <https://ec.europa.eu/digital-single-market/en/broadband-strategy-policy>
[192] <https://ec.europa.eu/digital-single-market/en/financing-broadband-project>
[193] <https://ec.europa.eu/digital-single-market/en/broadband-technologies>
[194] <https://ec.europa.eu/digital-single-market/en/startup-europe-networks>
[195] <https://ec.europa.eu/digital-single-market/en/startup-europe-building-ecosystem>
[196] <https://ec.europa.eu/digital-single-market/en/policies/language-technologies>
[197] <https://ec.europa.eu/digital-single-market/en/americas>
[198] <https://ec.europa.eu/digital-single-market/en/content/international-organisations-and-fora>
[199] <https://ec.europa.eu/digital-single-market/en/regional-and-bilateral-relations>
[200] <https://ec.europa.eu/digital-single-market/en/language-technologies-and-big-data>
[201] <https://ec.europa.eu/digital-single-market/en/research-standards>
[202] <https://ec.europa.eu/digital-single-market/en/cost-reduction-measures>
[203] <https://ec.europa.eu/digital-single-market/en/broadband-business-models>
[204] <https://ec.europa.eu/digital-single-market/en/eu-funded-projects>
[205] <https://ec.europa.eu/digital-single-market/en/global-internet-and-telecommunications>
[206] <https://ec.europa.eu/digital-single-market/en/carrier-model-options>

[207] <https://ec.europa.eu/digital-single-market/en/automated-translation>

[208] <https://ec.europa.eu/digital-single-market/en/media-freedom-projects>

[209] <https://ec.europa.eu/digital-single-market/en/mhealth>

[210] <https://ec.europa.eu/digital-single-market/en/startup-success-stories>

[211] <https://ec.europa.eu/digital-single-market/en/open-disruptive-innovation-0>

[212] <https://ec.europa.eu/digital-single-market/en/sme-instrument-frequently-asked-questions>

[213] <https://ec.europa.eu/digital-single-market/en/what-big-data-can-do-you>

[214] <https://ec.europa.eu/digital-single-market/en/global-internet-policy-observatory-gipo>

[215] <https://ec.europa.eu/digital-single-market/en/eu-code-week>

[216] <https://ec.europa.eu/digital-single-market/en/national-local-coalitions>

[217] <https://ec.europa.eu/digital-single-market/en/policies/einfrastructure>

[218] <https://ec.europa.eu/digital-single-market/en/access-passive-infrastructure>

[219] <https://ec.europa.eu/digital-single-market/en/coordination-civil-works>

[220] <https://ec.europa.eu/digital-single-market/en/permit-granting>

[221] <https://ec.europa.eu/digital-single-market/en/building-infrastructure>

[222] <https://ec.europa.eu/digital-single-market/en/ict-innovation-vouchers-action-1>

[223] <https://ec.europa.eu/digital-single-market/en/get-involved-digital-coalition>

[224] <https://ec.europa.eu/digital-single-market/en/big-data-value-public-private-partnership>

[225] <https://ec.europa.eu/digital-single-market/en/open-government>

[226] <https://ec.europa.eu/digital-single-market/en/ict-enabled-public-sector-innovation-horizon-2020>

[227] <https://ec.europa.eu/digital-single-market/en/policies/high-performance-computing>

[228] <https://ec.europa.eu/digital-single-market/en/policies/copyright>

[229] <https://ec.europa.eu/digital-single-market/en/horizon-prizes>

[230] <https://ec.europa.eu/digital-single-market/en/policies/egovernment>

[231] <https://ec.europa.eu/digital-single-market/en/policies/robotics>

[232] <https://ec.europa.eu/digital-single-market/en/policies/telecom-laws>

[233] <https://ec.europa.eu/digital-single-market/en/policies/cloud-computing>

[234] <https://ec.europa.eu/digital-single-market/en/policies/strengthening-trust-and-security>

[235] <https://ec.europa.eu/digital-single-market/en/policies/supporting-media-and-digital-culture>

[236] <https://ec.europa.eu/digital-single-market/en/policies/digital-cultural-heritage>

[237] <https://ec.europa.eu/digital-single-market/en/broadband-and-infrastructure-mapping-project>

[238] <https://ec.europa.eu/digital-single-market/en/broadband-action-plan>

[239] <https://ec.europa.eu/digital-single-market/en/defining-your-broadband-plan>

[240] <https://ec.europa.eu/digital-single-market/en/four-key-strategic-choices>

[241] <https://ec.europa.eu/digital-single-market/en/infrastructure-and-service-based-competition>

[242] <https://ec.europa.eu/digital-single-market/en/network-and-topology>

[243] <https://ec.europa.eu/digital-single-market/en/actors-broadband-value-chain>

[244] <https://ec.europa.eu/digital-single-market/en/basic-business-models>

[245] <https://ec.europa.eu/digital-single-market/en/main-financing-tools>

[246] <https://ec.europa.eu/digital-single-market/en/financing-public-private-joint-ventures-and-private-run-deployments>

[247] <https://ec.europa.eu/digital-single-market/en/state-aid>

[248] <https://ec.europa.eu/digital-single-market/en/investment-models>

[249] <https://ec.europa.eu/digital-single-market/en/robotics-public-private-partnership-horizon-2020>

[250] <https://ec.europa.eu/digital-single-market/en/policies/emergency-and-support-lines>

[251] <https://ec.europa.eu/digital-single-market/en/policies/shaping-digital-single-market>

[252] <https://ec.europa.eu/digital-single-market/en/policies/creating-digital-society>

[253] <https://ec.europa.eu/digital-single-market/en/policies/advancing-digital-science-and-infrastructures>

[254] <https://ec.europa.eu/digital-single-market/en/tech-all-stars>

[255] <https://ec.europa.eu/digital-single-market/en/desi>

[256] <https://ec.europa.eu/digital-single-market/en/eu-member-states>

[257] <https://ec.europa.eu/digital-single-market/en/policies/digital-skills>

[258] <https://ec.europa.eu/digital-single-market/en/citizen-science>

[259] <https://ec.europa.eu/digital-single-market/en/innovation-radar>

[260] <https://ec.europa.eu/digital-single-market/en/our-studies-and-open-datasets>

[261] <https://ec.europa.eu/digital-single-market/en/policies/media-programme>

[262] <https://ec.europa.eu/digital-single-market/en/alliance-internet-things-innovation-aioti>

[263] <https://ec.europa.eu/digital-single-market/en/better-access-consumers-and-business-online-goods>

[264] <https://ec.europa.eu/digital-single-market/en/right-environment-digital-networks-and-services>

[265] <https://ec.europa.eu/digital-single-market/en/economy-society>
[266] <https://ec.europa.eu/digital-single-market/en/human-capital>
[267] <https://ec.europa.eu/digital-single-market/en/use-internet>
[268] <https://ec.europa.eu/digital-single-market/en/connectivity>
[269] <https://ec.europa.eu/digital-single-market/en/digital-public-services-scoreboard>
[270] <https://ec.europa.eu/digital-single-market/en/research-development-scoreboard>
[271] <https://ec.europa.eu/digital-single-market/en/integration-digital-technology>
[272] <https://ec.europa.eu/digital-single-market/en/european-film-forum>
[273] <https://ec.europa.eu/digital-single-market/en/satellite-and-cable-directive>
[274] <https://ec.europa.eu/digital-single-market/en/eu-copyright-legislation>
[275] <https://ec.europa.eu/digital-single-market/en/media-literacy>
[276] <https://ec.europa.eu/digital-single-market/en/high-performance-computing-contractual-public-private-partnership-hpc-cppp>
[277] <https://ec.europa.eu/digital-single-market/en/policies/online-platforms>
[278] <https://ec.europa.eu/digital-single-market/en/policies/geoblocking>
[279] <https://ec.europa.eu/digital-single-market/en/e-commerce-directive>
[280] <https://ec.europa.eu/digital-single-market/en/eu-funded-societal-challenges-projects-lab-market>
[281] <https://ec.europa.eu/digital-single-market/en/cybersecurity-industry>
[282] <https://ec.europa.eu/digital-single-market/en/policies/digital-inclusion-and-web-accessibility>
[283] <https://ec.europa.eu/digital-single-market/en/european-broadband-award>
[284] <https://ec.europa.eu/digital-single-market/en/broadband-competence-offices>
[285] <https://ec.europa.eu/digital-single-market/en/fourth-industrial-revolution>
[286] <https://ec.europa.eu/digital-single-market/en/%20european-cloud-initiative>
[287] <https://ec.europa.eu/digital-single-market/en/european-egovernment-action-plan-2016-2020>
[288] <https://ec.europa.eu/digital-single-market/en/egovernment-action-plan-digitising-european-industry>
[289] <https://ec.europa.eu/digital-single-market/en/standards-digitising-european-industry>
[290] <https://ec.europa.eu/digital-single-market/en/financial-guarantee-facility-culture-creative>
[291] <https://ec.europa.eu/digital-single-market/en/research-innovation-iot>
[292] <https://ec.europa.eu/digital-single-market/en/geant-project-european-success-story>
[293] <https://ec.europa.eu/digital-single-market/en/25-years-media-programme>
[294] <https://ec.europa.eu/digital-single-market/en/policies/quantum-technologies>
[295] <https://ec.europa.eu/digital-single-market/en/revision-audiovisual-media-services-directive-avmsd>
[296] <https://ec.europa.eu/digital-single-market/en/policies/ecommerce>
[297] <https://ec.europa.eu/digital-single-market/en/eidas-observatory>
[298] <https://ec.europa.eu/digital-single-market/en/eu-trust-mark>
[299] <https://ec.europa.eu/digital-single-market/en/privacy-code-conduct-mobile-health-apps>
[300] <https://ec.europa.eu/digital-single-market/en/network-and-information-security-nis-directive>
[301] <https://ec.europa.eu/digital-single-market/en/european-digital-progress-report>
[302] <https://ec.europa.eu/digital-single-market/en/policies/improving-connectivity-and-access>
[303] <https://ec.europa.eu/digital-single-market/en/modernisation-eu-copyright-rules>
[304] <https://ec.europa.eu/digital-single-market/en/5g-europe-action-plan>
[305] <https://ec.europa.eu/digital-single-market/en/policies/next-generation-internet>
[306] <https://ec.europa.eu/digital-single-market/en/international-cooperation-cloud-computing>
[307] <https://ec.europa.eu/digital-single-market/en/cordination-european-national-regional-initiatives>
[308] <https://ec.europa.eu/digital-single-market/en/digital-innovation-hubs>
[309] <https://ec.europa.eu/digital-single-market/en/industrial-platforms-and-large-scale-pilots>
[310] <https://ec.europa.eu/digital-single-market/en/policies/wifi4eu-free-wi-fi-europeans>
[311] <https://ec.europa.eu/digital-single-market/en/platforms-to-business-trading-practices>
[312] <https://ec.europa.eu/digital-single-market/en/illegal-content-online-platforms>
[313] <https://ec.europa.eu/digital-single-market/en/european-open-science-cloud>
[314] <https://ec.europa.eu/digital-single-market/en/policies/multimedia-actions>
[315] <https://ec.europa.eu/digital-single-market/en/policies/building-european-data-economy>
[316] <https://ec.europa.eu/digital-single-market/en/alliance-better-protect-minors-online>
[317] <https://ec.europa.eu/digital-single-market/en/cooperative-connected-and-automated-mobility-europe>
[318] <https://ec.europa.eu/digital-single-market/en/digital-skills-initiatives>
[319] <https://ec.europa.eu/digital-single-market/en/pledges-action>
[320] <https://ec.europa.eu/digital-single-market/en/become-member-digital-skills-and-jobs-coalition>
[321] <https://ec.europa.eu/digital-single-market/en/policies/social-media-and-networks-innovation-and-policy>
[322] <https://ec.europa.eu/digital-single-market/en/faq/question-and-answers-roaming>

- [323] <https://ec.europa.eu/digital-single-market/en/roaming-charges-what-has-european-commission-done-so-far>
- [324] <https://ec.europa.eu/digital-single-market/en/cross-border-portability-online-content-services>
- [325] <https://ec.europa.eu/digital-single-market/en/practical-information-ict-proposers-day-2017>
- [326] <https://ec.europa.eu/digital-single-market/en/policies/foreign-policy>
- [327] <https://ec.europa.eu/digital-single-market/en/expert-group-digital-cultural-heritage-and-europeana-dche>
- [328] <https://ec.europa.eu/digital-single-market/en/collective-rights-management-directive>
- [329] <https://ec.europa.eu/digital-single-market/en/graphene-flagship>
- [330] <https://ec.europa.eu/digital-single-market/en/eu-cybersecurity-certification-framework>
- [331] <https://ec.europa.eu/digital-single-market/en/free-flow-non-personal-data>
- [332] <https://ec.europa.eu/digital-single-market/en/fake-news>
- [333] <https://ec.europa.eu/digital-single-market/en/digital-opportunity-traineeships-boosting-digital-skills-job>
- [334] <https://ec.europa.eu/digital-single-market/en/governing-board-digital-skills-and-jobs-coalition>
- [335] <https://ec.europa.eu/digital-single-market/en/faq/questions-and-answers-wifi4eu>
- [336] <https://ec.europa.eu/digital-single-market/en/pillars-digitising-european-industry-initiative>