Code System

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| **Code System** | **Memo** | **Frequency** |
| Code System |  | 1274 |
| Developing infrastructures EU | 25.9.2024. 8:17 - Pasko BilicAI subcode suggestions1. Developing API Connectivity- Establishing interoperable APIs to enable data exchange and integration between platforms- Ensuring data formats are standardized and comparable across federated data platforms- Defining responsibilities for developing and maintaining APIs to facilitate data sharing2. Balancing Sovereignty and Openness- Addressing member state concerns about data sovereignty and security on non-European cloud platforms- Maintaining an element of on-premise infrastructure to ensure control and visibility over sensitive data- Pursuing a hybrid approach that combines public and private cloud services to balance sovereignty and openness3. Enhancing Connectivity Infrastructure- Ensuring ubiquitous high-speed broadband coverage, including in rural areas, to enable advanced applications- Leveraging mobile network advancements, such as 5G, to support new use cases and optimize mobility- Developing edge computing capabilities to reduce latency and enable real-time processing at the network edge4. Pursuing Strategic Autonomy- Reshoring semiconductor production to reduce dependency on external suppliers- Investing in critical technologies, such as quantum computing, to maintain European leadership and innovation- Balancing the need for openness and collaboration with protecting sensitive data and critical capabilities5. Decoupling Data and Systems- Separating data storage from information systems through the use of data lakes- Leveraging business intelligence and data analytics tools to provide users with various data perspectives- Exploring hybrid cloud models that combine private and public cloud services to ensure data sovereignty6. Addressing Regulatory and Competitive Challenges- Navigating the balance between market liberalization and protecting European interests and security- Providing incentives and support for European companies to take on the challenge of innovation and competitiveness- Monitoring and adapting policies and initiatives to address evolving market dynamics and technological advancements | 26 |
| Developing Infrastructures RH (+) | 29.10.2024. 16:43 - Paško BilićMerged with code Developing Infrastructures TJV | 31 |
| Developmental EU RH |  | 37 |
| Developmental EU\_EU | 24.9.2024. 21:19 - Pasko BilicAI subcode suggestionsSubcodes for 'developmental EU':1. Data Sovereignty and Sharing- Examples: Data Act requirements for data access and control, European data spaces for secure and controlled data sharing2. Strategic Autonomy and Resilience- Examples: Investments in critical infrastructure like cloud, chips, and batteries to reduce dependence on external actors3. Harmonized Digital Regulations- Examples: Shift from directives to regulations like DMA, DSA, Data Act to ensure consistent implementation across the EU4. Human-Centric Digital Transformation- Examples: Emphasis on protecting consumer rights, privacy, and human rights in digital policies like the AI Act5. Balanced Approach to Market Liberalization- Examples: Leveraging state aid and IPCEI to support European digital champions while maintaining open markets6. Coordinated Digital Policy Implementation- Examples: Role of the European Commission in providing guidance, monitoring progress, and facilitating cooperation among member states7. Leveraging Public-Private Partnerships- Examples: Utilizing state aid and joint undertakings to enable private sector involvement in strategic digital initiatives | 36 |
| Developmental private sector EU | 24.9.2024. 21:22 - Pasko BilicAI subcode suggestionsHere are the suggested subcodes for the main code 'developmental private sector':1. Enabling Ecosystem - Governments creating level playing field and fair competition - Diversifying supply chains to reduce dependence on few players - Balancing regulation and fostering innovation2. Digital Capabilities Gap - Europe's digital sector lagging behind global leaders - Dependence on non-European digital companies - Threat to EU's industrial leadership due to lack of ICT capabilities3. SME and Startup Support - Challenges for small players to compete with tech giants - EU initiatives to support SMEs and startups in digital transformation - Need for risk-taking and scaling up innovative projects4. Sectoral Opportunities - Potential for digital transformation in sectors like health, defense, and mobility - Importance of connectivity and infrastructure for digital economy5. Regulatory Approaches - Liberalized telecom market in Europe - Balancing policy interventions and market-driven solutions - Importance of stability and minimizing regulatory uncertainty6. Public-Private Collaboration - Active engagement of private sector in structural reforms - Tailored support for digitalization in different industries and countries - Transparency and targeted public investments in digital infrastructure | 9 |
| Developmental Private Sector RH |  | 36 |
| Developmental public sector EU | 24.9.2024. 21:21 - Pasko BilicAI subcode suggestionsHere are the suggested subcodes for the main code 'developmental public sector':1. Digital Transformation Enablers - Electronic identity and digital wallets - Interoperable digital infrastructure across member states - Digitization of public services for efficiency and accessibility2. Public-Private Collaboration - Facilitating private sector innovation through public procurement - Enabling private sector to leverage intellectual property from public contracts - Aligning public funding and policies to support private sector digital capabilities3. Targeted Digital Investments - Scaling up digital capacities through EU programs like Digital Europe - Focusing on high-impact areas like healthcare, education, and sustainability - Leveraging public research and development to drive commercial viability4. Whole-of-Government Approach - Coordinating digital policies and initiatives across government institutions - Streamlining regulations to minimize burden on private sector - Analyzing policy impacts on different industries and public administrations5. Public Sector as Role Model - Setting example through digitization of internal public services - Ensuring data protection and responsible use of citizen information - Demonstrating the societal value of digital public services | 9 |
| Developmental Public Sector RH |  | 52 |
| Developmental role for data EU | 25.9.2024. 8:18 - Pasko BilicAI subcode suggestions1. Data Exploitation for Commercial Purposes- Personalized advertising based on user data- Leveraging user data to provide more targeted services2. Data Privacy and Ethical Concerns- Risks of user profiling and manipulation- Need for user control and access to their own data3. Enabling Data Sharing and Accessibility- Providing free access to high-value datasets for smaller enterprises- Fostering a level playing field for data-driven innovation4. Sector-Specific Data Spaces- Identifying key sectors (e.g., health, mobility, agriculture) for data sharing- Enabling public and private entities to access and utilize sector data5. Technological Infrastructure and Interoperability- Developing a federated European cloud infrastructure (e.g., GAIA-X)- Ensuring data interoperability and seamless integration across systems6. Support for SMEs and Startups- Providing access to high-quality data and computing resources- Encouraging partnerships and co-creation opportunities7. Ethical and Responsible Data Governance- Adhering to GDPR regulations and promoting data privacy principles- Establishing governance frameworks to guide ethical data use8. International Cooperation and Alignment- Exploring opportunities for global data exchange and innovation- Aligning standards and practices to enable cross-border collaboration | 19 |
| Developmental Role for Data RH |  | 26 |
| Developmental state EU | 24.9.2024. 21:23 - Pasko BilicAI subcode suggestions1. Digital Infrastructure Advancement- Mapping the current state of digital infrastructure across member states- Identifying gaps and investment needs for broadband rollout and connectivity- Coordinating public funding and incentives to accelerate infrastructure development2. Digital Skills Capacity Building- Assessing digital skill levels and gaps within member states- Developing targeted training programs to upskill the population- Promoting digital literacy and inclusion, especially for underserved groups3. Public Sector Innovation Enablement- Fostering a culture of experimentation and risk-taking in public institutions- Incentivizing public-private collaboration for digital transformation- Establishing contractual mechanisms to drive innovation in public service delivery4. Harmonized Digital Governance- Promoting common standards and interoperability across member states- Facilitating the sharing of data and best practices- Ensuring coherent enforcement of digital regulations5. Stakeholder Engagement and Coordination- Regularly consulting with diverse stakeholders (public, private, civil society)- Organizing matchmaking events to facilitate partnerships and investments- Providing reliable and consistent support to all actors in the digital ecosystem6. Adaptive Policy Frameworks- Continuously evaluating and updating digital policies to address emerging needs- Balancing national interests with pan-European digital integration- Simplifying bureaucratic processes and reducing administrative burdens | 13 |
| Developmental State RH |  | 36 |
| Digital transformation EU | 25.9.2024. 8:19 - Pasko BilicAI subcode suggestions1. Digitalization vs. Digitization- Digitalization refers to the increasing use of digital technologies across the economy and society- Digitization is the process of converting analog information into digital form2. Digital Transformation Targets and Governance- Establishing a clear vision and targets for digital transformation (e.g., Digital Decade policy program)- Coordinating with member states to achieve digital transformation goals- Promoting and funding digital research, development, and deployment programs3. Digital-Ready Policymaking- Integrating digital considerations into the policy development process from the start- Designing policies that are supported by interoperable, resilient, and user-centric digital systems- Avoiding technology-specific requirements in policies to enable flexibility4. Interoperability and Seamless Digital Environment- Enabling seamless digital experiences for citizens and businesses across borders- Promoting data and system interoperability to avoid fragmentation- Adopting open standards and avoiding vendor lock-in5. Cybersecurity and Environmental Sustainability- Embedding security considerations throughout the digital transformation process (DevSecOps)- Leveraging cloud technologies to reduce the environmental impact of digital infrastructure- Promoting paperless and energy-efficient digital practices6. Digital Skills and Culture- Investing in developing digital skills and competencies across the workforce- Fostering a digital-savvy culture to enable successful digital transformation7. Balancing Centralization and Decentralization- Recognizing the need for a holistic, coordinated approach to digital transformation- Striking the right balance between centralized and decentralized digital solutions- Addressing the challenges of fragmentation and vendor lock-in8. Citizen-Centric Focus- Ensuring that digital transformation efforts prioritize the well-being and capabilities of citizens- Integrating digital services seamlessly into the everyday lives of citizens (e.g., digital student cards)- Maintaining a strong focus on digital rights and the protection of citizens' interests9. Geopolitical Considerations and Technological Sovereignty- Addressing the challenges posed by global technological competition and potential aggression- Investing in strategic digital technologies (e.g., AI, quantum computing, microelectronics) to achieve technological sovereignty- Promoting European collaboration and the development of a strong digital single market10. Adaptive and Data-Driven Approach- Fostering an agile and resilient digital transformation process that can quickly adapt to changing circumstances- Leveraging data and evidence-based decision-making to guide digital transformation efforts- Continuously evaluating and iterating on digital transformation strategies and initiatives | 20 |
| Digital Transformation RH |  | 67 |
| EU Acts and legal frameworks |  | 0 |
| Open Data Directive (+) open data | 27.9.2024. 11:32 - Paško BilićMerged with code open data readiness27.9.2024. 11:32 - Paško BilićMerged with code Open Data Directive | 3 |
| DSA |  | 2 |
| DMA |  | 5 |
| Data Governance Act |  | 1 |
| Data Act |  | 5 |
| Chips Act |  | 3 |
| AI Act |  | 4 |
| Interoprability Act |  | 1 |
| EU AI |  | 6 |
| EU Bodies and regulators |  | 0 |
| EDIC |  | 1 |
| AI Office |  | 1 |
| EU computing, connectivity and cloud dynamics (+) (+) | 27.9.2024. 22:02 - Paško BilićMerged with code telecoms single market27.9.2024. 22:02 - Paško BilićMerged with code submarine cables27.9.2024. 22:02 - Paško BilićMerged with code optic fiber connectivity27.9.2024. 22:02 - Paško BilićMerged with code 5G connectivity27.9.2024. 22:02 - Paško BilićMerged with code connectivity and scale14.10.2024. 9:29 - Paško BilićMerged with code high performance computing (+)high performance computing (+) ￼Created: Paško Bilić, 27.9.2024. 22:04 Modified: Paško Bilić, 14.10.2024. 9:2927.9.2024. 22:04 - Paško BilićMerged with code EuroHPC27.9.2024. 22:04 - Paško BilićMerged with code quantum computing14.10.2024. 9:29 - Paško BilićMerged with code cloud and data centre infrastructure (+) (+)cloud and data centre infrastructure (+) (+) ￼Created: Paško Bilić, 27.9.2024. 22:06 Modified: Paško Bilić, 14.10.2024. 9:2927.9.2024. 22:06 - Paško BilićMerged with code data centres1.10.2024. 20:43 - Paško BilićMerged with code Gaia-X | 36 |
| EU COVID certificate |  | 2 |
| EU digital rights and skills |  | 9 |
| EU dynamics of innovation (+) (+) (+) (+) (+) (+) | 27.9.2024. 11:58 - Paško BilićMerged with code return of investment27.9.2024. 11:58 - Paško BilićMerged with code being less risk averse27.9.2024. 21:38 - Paško BilićMerged with code killer application27.9.2024. 21:38 - Paško BilićMerged with code boosting European innovation27.9.2024. 21:40 - Paško BilićMerged with code Small EU budget27.9.2024. 21:43 - Paško BilićMerged with code testing and experimentation with datasets27.9.2024. 21:56 - Paško BilićMerged with code research and market synergy27.9.2024. 22:11 - Paško BilićMerged with code platform economy | 22 |
| EU EC agenda setting and policy intentions (+) (+) (+) (+) | 27.9.2024. 21:45 - Paško BilićMerged with code moving from directives to regualtion27.9.2024. 21:51 - Paško BilićMerged with code single market for data27.9.2024. 21:53 - Paško BilićMerged with code restricting third-country data access27.9.2024. 21:53 - Paško BilićMerged with code controling data production and access27.9.2024. 21:59 - Paško BilićMerged with code holistic transformation | 18 |
| EU Funding mechanisms |  | 0 |
| Digital Europe |  | 2 |
| state aid |  | 9 |
| IPCEI |  | 6 |
| EU geopolitical tensions and processes |  | 10 |
| EU increase competition and foster growth (+) (+) (+) (+) (+) | 27.9.2024. 21:48 - Paško BilićMerged with code business ecosystem27.9.2024. 21:50 - Paško BilićMerged with code supporting startups27.9.2024. 21:58 - Paško BilićMerged with code commercialising public data27.9.2024. 22:01 - Paško BilićMerged with code less bureaucratic burden27.9.2024. 22:12 - Paško BilićMerged with code data as oil | 18 |
| EU member state dynamics (+) (+) | 27.9.2024. 11:17 - Paško BilićMerged with code small EU member states27.9.2024. 22:10 - Paško BilićMerged with code digital divide | 12 |
| EU policy harmonisation (+) | 27.9.2024. 21:56 - Paško BilićMerged with code stakeholder consensus | 15 |
| EU public sector efficiency, interoperability and data sharing (+) (+) (+) (+) | 27.9.2024. 11:47 - Paško BilićMerged with code public sector data sharing27.9.2024. 21:44 - Paško BilićMerged with code creating data sharing trust27.9.2024. 22:01 - Paško BilićMerged with code affordability of prices27.9.2024. 22:01 - Paško BilićMerged with code universal service obligation1.10.2024. 14:10 - Paško BilićMerged with code efficient public sector and interoperability (+)efficient public sector and interoperability (+) ￼Created: Paško Bilić, 27.9.2024. 22:07 Modified: Paško Bilić, 1.10.2024. 13:2927.9.2024. 22:07 - Paško BilićMerged with code middleware software and interoperability | 23 |
| EU public-private relationship | co | 7 |
| EU SMEs |  | 4 |
| EU social benefits (+) (+) | 27.9.2024. 21:46 - Paško BilićMerged with code society needs access27.9.2024. 21:46 - Paško BilićMerged with code services with social impact27.9.2024. 21:50 - Paško BilićMerged with code use of digital technology in society | 15 |
| EU state as enforcer and promoter of transformation (+) | 27.9.2024. 11:28 - Paško BilićMerged with code state as promoter of transformation | 13 |
| EU strategic autonomy (+) (+) | 27.9.2024. 21:49 - Paško BilićMerged with code data sovereignty27.9.2024. 21:49 - Paško BilićMerged with code sovereignty as consumer choice27.9.2024. 21:58 - Paško BilićMerged with code chips manufacturing | 17 |
| EU Strategies and policy initiatives |  | 0 |
| twin transition (+) (+) (+) | 1.10.2024. 13:37 - Paško BilićMerged with code data and climate1.10.2024. 20:23 - Paško BilićMerged with code Carbon Border Adjustment Mechanism1.10.2024. 20:24 - Paško BilićMerged with code destination earth project | 8 |
| highly valuable datasets |  | 5 |
| digital decade and compass |  | 6 |
| data strategy (+) | 1.10.2024. 20:25 - Paško BilićMerged with code defining data | 3 |
| Common European data spaces |  | 12 |
| RH (in-)efficient public administration (+) (+) (+) (+) (+) (+) (+) | 24.10.2024. 14:56 - Paško BilićMerged with code TJV new public services24.10.2024. 14:56 - Paško BilićMerged with code TJV educating public administration employees24.10.2024. 14:56 - Paško BilićMerged with code TJV legal safeguards for public data sharing24.10.2024. 14:56 - Paško BilićMerged with code TJV structuring public administration data24.10.2024. 14:56 - Paško BilićMerged with code TJV public sector salaries24.10.2024. 14:58 - Paško BilićMerged with code TJV public administration collaborating with IT teachers24.10.2024. 14:58 - Paško BilićMerged with code TJV fragmentation of public administration24.10.2024. 15:03 - Paško BilićMerged with code TJV fear of change24.10.2024. 15:05 - Paško BilićMerged with code TJV distance education24.10.2024. 15:09 - Paško BilićMerged with code TJV interoperability25.10.2024. 8:47 - Paško BilićMerged with code TJV educating employees29.10.2024. 16:38 - Paško BilićMerged with code TJV implementation problems | 72 |
| RH academic community and DT (+) (+) | 29.10.2024. 13:19 - Paško BilićMerged with code TJV good science29.10.2024. 13:48 - Paško BilićMerged with code TJV managing IPR | 19 |
| RH acts and legal frameworks |  | 0 |
| RH Data act |  | 1 |
| RH European Data Strategy |  | 1 |
| RH European cloud of open science |  | 2 |
| RH EU HPC |  | 2 |
| RH EDIC |  | 1 |
| RH Digital Croatia strategy |  | 1 |
| RH NIS-2 |  | 3 |
| RH EMFA |  | 1 |
| RH AVMS |  | 1 |
| RH GDPR and privacy protection (+) | 24.10.2024. 15:04 - Paško BilićMerged with code TJV surveillance24.10.2024. 15:04 - Paško BilićMerged with code TJV GDPR24.10.2024. 15:04 - Paško BilićMerged with code TJV personal data market | 15 |
| RH DSA |  | 3 |
| RH CDS and high-value datasets (+) | 24.10.2024. 15:08 - Paško BilićMerged with code TJV open data portal | 13 |
| RH civil society (+) and digital rights | 31.10.2024. 14:03 - Paško BilićMerged with code RH digital rights | 9 |
| RH connectivity infrastructures (+) | 24.10.2024. 15:04 - Paško BilićMerged with code TJV Lack of hyperscalers | 23 |
| RH data processing capabilities (+) | 29.10.2024. 16:39 - Paško BilićMerged with code TJV user lock in | 32 |
| RH digitalisation vs digital transformation (+) | 29.10.2024. 16:44 - Paško BilićMerged with code TJV technological progress | 10 |
| RH EU - RH dynamics (+) (+) (+) (+) | 24.10.2024. 16:12 - Paško BilićMerged with code TJV public procurrement for EU project24.10.2024. 16:12 - Paško BilićMerged with code TJV EU interventionism24.10.2024. 16:20 - Paško BilićMerged with code TJV poor harmonisation of EU directives25.10.2024. 9:42 - Paško BilićMerged with code TJV innovative projects29.10.2024. 16:37 - Paško BilićMerged with code TJV EU regulation implementation (+)TJV EU regulation implementation (+) ￼Created: Paško Bilić, 29.10.2024. 13:2029.10.2024. 13:20 - Paško BilićMerged with code TJV human first transformation in the EU | 45 |
| RH geopolitics (+) (+) | 29.10.2024. 16:38 - Paško BilićMerged with code TJV EU sovereignty29.10.2024. 16:43 - Paško BilićMerged with code TJV weak EU innovation capacity | 31 |
| RH media literacy (+), digital skills (+), and inclusion | 24.10.2024. 19:22 - Paško BilićMerged with code TJV lifelong education25.10.2024. 9:41 - Paško BilićMerged with code TJV slow tech uptake in education | 57 |
| RH private interests, investments (+) (+) (+), achievments and business models | 29.10.2024. 16:38 - Paško BilićMerged with code TJV private tech investments29.10.2024. 16:38 - Paško BilićMerged with code TJV service vs product-oriented private sector29.10.2024. 16:40 - Paško BilićMerged with code TJV lack of private sector engagement in public debates29.10.2024. 16:42 - Paško BilićMerged with code TJV private sector as driver of transformation | 40 |
| RH private-public relationship (+) innovation synergy | 24.10.2024. 15:03 - Paško BilićMerged with code TJV private ISPs24.10.2024. 15:03 - Paško BilićMerged with code TJV private companies undermining public interest 24.10.2024. 15:03 - Paško BilićMerged with code TJV private property as hurdle for development | 29 |
| RH social accessibility of public services (+) | 24.10.2024. 14:57 - Paško BilićMerged with code TJV e-citizen24.10.2024. 14:57 - Paško BilićMerged with code TJV intuitive interfaces for citizens24.10.2024. 14:57 - Paško BilićMerged with code TJV online voting24.10.2024. 14:57 - Paško BilićMerged with code TJV participatory budgeting | 27 |
| RH state supported investment (+) (+) (+) innovation & development (+) | 24.10.2024. 15:01 - Paško BilićMerged with code TJV fragmentation of state IT infrastructure24.10.2024. 15:01 - Paško BilićMerged with code TJV water infrastructure management project24.10.2024. 15:01 - Paško BilićMerged with code TJV need for data centres in Croatia24.10.2024. 15:01 - Paško BilićMerged with code TJV independent infrastructure24.10.2024. 15:01 - Paško BilićMerged with code TJV energy saving services24.10.2024. 15:02 - Paško BilićMerged with code TJV state driven transformation through regulation25.10.2024. 9:42 - Paško BilićMerged with code TJV state as setting development goals25.10.2024. 9:42 - Paško BilićMerged with code TJV the state as testbed for innovation | 36 |
| RH transformation in and of society (+) | 29.10.2024. 9:40 - Paško BilićMerged with code TJV positive transformation29.10.2024. 9:40 - Paško BilićMerged with code TJV negative transformation29.10.2024. 9:40 - Paško BilićMerged with code TJV over-dependence on technology | 54 |
| RH transforming mindset and organizational culture (+) | 25.10.2024. 16:12 - Paško BilićMerged with code TJV transforming institutions | 25 |