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| |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | Dear Members,    In occasion of the 17th edition of the Funding Newsletter, we would like to bring your attention to some important funding opportunities with a deadline in the first quarter of 2023.    In this regard, the European Commission has opened the third set of calls for proposals for the **Digital Europe Programme**, worth €200 million, under the 2021-2022 Work Programme. This newsletter also features calls for funding from the EOSC projects, as well as various energy, health, agriculture, and data science-related calls as well as tenders with the latest deadline in April 2023.    **Please kindly note that some Gaia-X members are interested in joining consortia and finding partners for some of these calls. Should you be interested in applying and building a consortium, or should you be looking for a partner to join your consortium, please contact us for any support needed in this process.**    We would also like to inform you that the European Commission has opened the public consultations on the implementation of the Digital Markets Act. More information can be found [here.](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Q5knKSV3Zsc37CgF9VN9fN3NVyzQBxN5D4hwcKsnj_W6j_CWl3VFFDYW5pPHnH4FW2zQW2GP_BG4ZlYyvW5wL8Rn7F0Kj9W678k5j143lq8N22-knNm62w9W5drskr4Pk0yFW1JyC4W3hlsPrVFc6Lt1-3N63W5NdG031RmpLYW3wVmdW6qJPGqW26cb05420p8cW1VbxpT2YcbBfW3Sr6Wp7W7DnPW2Jd8X85tYX-mW3Glgn54-qkC3VkPfxK4JWTx2W8gqms035xpNcW1gdMPZ4BZKxLW3bPB1f2_tlcbW3WvdqP48vjV5W8m4rvW3pzKjyW2Y-4HD8S0HH3W913x-q3lQvT9W2XQh_H5P3-H9N8RD-FW56PxDW8Zzrg613yYDJW5N_6p_13gbqZW8Ph3HF2LqLy0W26dpRq87yccBW9jzxlL2LT7l8VBDYN-2-kSYrW1WF-425kPlqsN1Yzn3dT4Kg3VsyFCh41lHZCW6HV__w82QKv8VWQLfD2w-8TGW44JvDF5TSFPDW5sljQW3sWG7PW8c19mf1Tzpx2W8J1FxM3kWp7hW47cPYW5XWfTv3bqM1)    **This round of calls** enumerates three programmes, respectively:   * DIGITAL EUROPE PROGRAMME (DIGITAL) – forthcoming and open calls * HORIZON EUROPE FRAMEWORK PROGRAMME (HORIZON) * CREATIVE EUROPE PROGRAMME (CREA)   In this edition you will also find a series of open tender opportunities we have identified and that might be of your interest. In Should this be the case, please reach out to our team and we would be happy to support!    For any additional questions related to funding and tender opportunities, please reach out to [ppo@gaia-x.eu](mailto:ppo@gaia-x.eu)!    With warm regards,    Robert Stefan Goia,  External Stakeholder Engagement Officer - Gaia-X |      |  |  | | --- | --- | | |  | | --- | | [FORTHCOMING CALLS](mailbox://D:/OneDrive%20-%20CONFINDUSTRIA%20BASILICATA/Profiles/ofdrs7xc.default/Mail/Local%20Folders/Inbox?number=28685#top) | | | |

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| **HORIZON EUROPE FRAMEWORK PROGRAMME (HORIZON)** |

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| **Actions for the implementation of the Mission “Restore our ocean and waters by 2030” (HORIZON-MISS-2023-OCEAN-01)**    **Opening Date:** 17 January 2023  **Deadline:** 20 September 2023 17:00:00 Brussels time   1. [**Integration of socio-ecological models into the Digital Twin Ocean**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgJbmW7SS3Lh1w9XycW7mxtMZ1sNnF1W5Jv1gg42Lzy8W8GXVlz27N7KRW6C-3Rv5ds7bYVV-wRZ4HyF5HW7hv3k49dkt_2W7T0gl83KvKrJW635ttG1zym_0W6sMPBD2WjfN4W1RTX811h8Gd_W3JXzq48wc-XmW2dd18h6L70n3W7Q3xJT7v6KwWW87ptlQ2zLnQJW11F6GD8MjgsLN4CKCbGPswXqW1kDFjt2Pv31CW4K7y5W6sd0dcW5cvBmN8slsfrN2MLx--Bkf-BW7L8dP32w4yT6W460sK16Thf5zW785WMR7dyL4tW22YV_k4jQ8fvW3fgPvj3tNHj4W4SSxsH40xm7zN6QCdn9tpZQ4W5k6c1f44Yd_7W829NjM7pNbyhW1GXqrH1JcvCkVQ8W4j9lck1zW2_kSjX7GQPsHN1Dx6r1tpMMCW1M9B3r4KbZ_7N7kTLVbFR9wqW83NdS61RGJx2W6Lm5Lp8mKGkDW96LT2c51FPLCVqWRQj29DgzmW9jHd4N3XS7RqN5_S40DKPx17W8-_zhK1BD2bMVXf7Xt4kNTb2W4s-n_T8bs60ZW80ZZby9lvsZMW64r1gr4ZmqSKW5KxVMk2R1kFGW44dDcQ9bpQl_W49nNtK4DFFksN7Qgp5rC6Fz6W50mWLN2T9SS9W5kGRgq3GnfHTW25G2MG34Q3V9W2F_SJ32scCCBMyPS3HmCJ3wW5SmWWd3xHmM6W4Nlsh113QKNFW8NJgW86lsz4wW2cp8y43NLzXtW11kM_N6-FJGwW3mpsGl4y0TKNVq0d4s7JVRhDW4hxZ9T3sb94-W5KRP0W3gTKMjVML6FN6YM5R4W6LRmYP73GVz-W21V-Xg1cN_-dN3wRMD7T0jhWW6tVGtG3Whp-lW6Fy1H24n39klW3qPNWd6QLQ-1W2_DYvh6bzfMGN14gPzj98FQ-W7C9CYb11FThgN4gVM0zcdyQ_VWPf7j493BJFN5pT6ybg433BN1C4dkZPC_T9W1BzS684CVgk8W6sh00S6ll-kkN5pYvJdc745FW2kjnYV4Gmd5YW8JY9Hp2p8x4xN5kMLX4RbsLFW8vm9f039xJbXW91PjTG6qVqQRN2K7Q0kxRjvkW16pqBl5w0QcyW1w2VQ_4L4v5PW4GmP2p1Nk3KXW2-lJs66SY-5PW25VskV9hjN4gW1hqn_R5Qm4j53jmB1)  * Topic: HORIZON-MISS-2023-OCEAN-01-08 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 10 000 000 eur   Address the long-term and reliable accessibility and availability of spatially explicit social and economic data, fit-for-purpose for the development of social-ecological models and other relevant approaches as described below. The social and economic data should be integrated with the available marine **data sources and models** of the DTO in an interoperable and standardised manner. This should include considerations related to spatial and temporal scale of analysis and data collection, development of methodological protocols to connect socio-economic data with environmental data, etc.   1. [**Roadmap towards the integration of inland waters into the Digital Twin Ocean**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgH7TW6wZns04TkHG_W8lSKSR3wx8d8W7N9NQn8Mm3knW4RdrtZ4BJJtrW2R_wQ0674nH3W4pSxbS6nvgK1W76T-Q91xPpJKW7XDkdZ64FtLGW5TDm_02S02l3VJ2gXB6-XmXjW6ZHcV47YCD_SW42byDJ2F5Kw1W2jKldC5MkBgCW6_M5jq656ZVhW7g1XQ39fbv8JW7Jk0sm6V7M_VN7F24Z-6wwpXW1_QPNx5lSXnkW1nbBQZ1Pc3STW1PpMSj17vRKZW5FzsLD6LsG0MW5PWjs26_76p7N4QFklJN2BN9W46nbBG1YBVHBW7RzcW68CyV7TVQgwr44HtmP1W1ctw-T55bG4zW2lQHPd2G6YJhW1J7hJt2J-XJdW4TbL5N16Kx2jN5VJ7zKfDhGjW2G2d7j3_dlLTW1bpCmv4kXG68W2pgyMW2DFgl6W3J75TC3b42-VW5r0B0n7Dpp5xN6CX8zDnKHVtN32HYmyljK-NW5Y2T2f5gvD7gW57WKWg4_QNQcW5CcXJj2BxM1-W1q94cC1hS0KFW3GjkQN8N7sg3W3N_ZDY46LPsCW5jVbrw2GgsRGW9lh7w-2Pr4dwW16vch63y6hRPW24LZG74-Vvy0N5_MVDkFWqQyMb0qdgtlzF6W5tJ4Ls2ZGDp4W9fmp467mg4DfW7FrNgD7LWfQXW8_btk68hsw1RVsgf5Y946rjnW12rPgx6CdNbJW2FGXK03G3dCxW94wb9P19znBfW956YDx8BLB_0W9hM0z693PQ4QW3XCgh17cyJBvN2_sVhBXJcjgW6XJxYf8WYzc7W6R63_r52p4KGN1h1fj_YHzHNW46vpcZ2dY5qbW3HqjZH7vmDbkW6sLnXm30nYqlW5wlfw82gzcY9W60Sv3l6wxD9FW8GbN902P22vTW3RlJdF8syj9XW5KkHHt7Pfh8LW1FhSxt4CrSxFN5WTNvVrR8R8W7L73FW3Tp82KW1tTH9g8Sk7-2VqRkp974YMBnMbYnMcWJ9pXV862bH5FStrdW6nTg9G8nbDpbMXWYB8x3Lg2W6CVsb15QmK9TW79Bc_R3bdNh8W6Cgg712FVc32W1BqS7j1nRVDtW3kb__84mB-PHW1h555W7vqMhQW30lcgT1TvN2CVcq0W75KmwvtW521WF3783s9cN6j5zVvq8pc6W88W_G82YXFHKW9m5psR5769X-3bDc1)  * Topic: HORIZON-MISS-2023-OCEAN-01-09 - HORIZON-CSA HORIZON Coordination and Support Actions * Budget: 2 000 000 eur   The Digital Twin ocean will host a **digital infrastructure with data services** to facilitate data analytics, advanced modelling and high performance computing, development of what if scenarios to assess policies development in a context of resilience to climate change and sustainable development, supporting as well the implementation of local twins addressing specifics requested by stakeholders at all relevant scales from global to local.    **Efficient, sustainable and inclusive energy use (HORIZON-CL5-2023-D4-02)**    **Opening date:** 04 May 2023  **Deadline:** 05 September 2023 17:00:00 Brussels time   1. [**Innovative uses of lifecycle data for the management of buildings and buildings portfolios (Built4People Partnership)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgJ-WW7XsrLT5wFW-nVLCGbm7d3bMxW1P96_q3GgCCvW555wlC7WSbr5N7RS9t9vTYsQW4swJ5114HFrpVrjHPv78NLLxW29_01g9gXLftW7YJjxy5lmQwpW48gbRH55SXQRW8_jqGZ64Bp1zW2vtzpx8WV-nlVsPDzr6YB7l6W1zlNQL4Y8zVYW8HH_JM7c0lLZVgml5865dGx4W2FCCwJ5M8b5NW660lgm6tYry-W6z7xwj3BRXgsW5SlXTp2xq-KqW3CP7GN6Y50s_N2pBBRGP64jqN8m3ZBq44p7dW6__jqB6-1JzNN6qyvjXYD-2pW1CQgH44ghy80W93vQRR5RTKn5N1yslCq2cqJyW8F_2K_76-T29W1hysjy6mK8YWW5J182R93xnPSW1Q4S-T3kcWdlN4CBb8w-KdchW93yjG74_Rh4pN70D8KccSG72W8CkHZX6_kXWDW2qCvPr414rJzW7f8g8j238zmGVz0vYx2gL_PyW2XVb1s7xXqLTW2_tjT87fB4V3W1SFLWV2_TTg8W8Kmb4l7rljNCW6p4Lgz33j8CkW1yLy_N1rq4PXW4xV7FN4NHNxMW4dPBc261qH1QW2YvPZx2br3vNTWWQs5l66_6W1w0pKF7GglYQW6R7D1h6RY6GlW5sClZT4Zfdk-W1pSM0397z9FWVdrN3S5Q10YqW20psnc5N_kS8W2wl5ry5QxKFkW84-BMr1tN4JVW1lmygx3TdvgzW71kgsS1LHJKDW9lXb5d1glg_5W3Bct6R3795G7W13rXBq2w2gBtW7QwTBQ8pbxr_VF6fH98ZcV_QW36jcns1ddHjFW5rY0xB5BwMQsW3DCTGT5ZnPgPW8nQbNS5v_MCQW8c5z841qhM98VlMDpr4yMVpcW7xxMCw4P1XLgW8xXCGq1N5hd_W5xTzpf6Jsc6qW1WGskk2gvcSbW5mzxgg5DG9nZW8yfl4s7ZVhgQW3pDS569hvQJVW70GcG62TP3PKW1_-lSb6X9hPYW2LZwC61S9JTnW8-WSD-4cmzhdW94BYZ18DwlYHW6S17Gq2mZRj7W271J-G5YYv2YW2QqSgY4h62lZVFRxk45ZG0WQW5tL3_S3k2h_tW3XZDbf5CmhlnW87tgmz8jyZdqW7kgVB-7_P11mW1r5gh479_Qy8W2xQWpM7sbQnP3gXR1)  * Topic: HORIZON-CL5-2023-D4-02-01 - HORIZON-IA HORIZON Innovation Actions * Budget: 10 000 000 eur   Work is needed to **integrate energy data with lifecycle data** (e.g. GHG emissions and removals, materials, water, health, comfort, life cycle cost and value, etc.), in order to optimise the performance of buildings and buildings’ portfolios across the board and support the decision making of owners/tenants/developers to transform existing and planned physical assets (buildings or buildings’ assets, e.g. distributed energy generation, e-mobility recharging infrastructure, micro-grids, building systems).    **Fighting Crime and Terrorism 2023 (HORIZON-CL3-2023-FCT-01)**    **Opening Date:** 29 June 2023  **Deadline:** 23 November 2023 17:00:00 Brussels time   1. [**Processing of large, complex and unstructured datasets resulting from criminal investigations, while reconciling big data analysis and data protection**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgM34W1-YJYB8wcYKRW8QhlYy3Yff5qW6pX5DH3cZ7N6W1tyVz17ZbW7xW6FXq5D6HmzNJN3SJTRNWYnhmW10W2BW3J_mWFW1Nt-gq4_j07RW3ZvqB24r0KtcW9fPtVy2K5MgTW7jBNz-8Y0ctwW2RbBZs8nV_-ZW42lbsF4NQqXWVRjW0m1BjtzZW95nrml73ZYZ6W63yYFb4LMxCbVDm6YR6gv0_wW7Jc8Z367tt4mW7PH-k86hc8j4THhzN113K7zW5TmVXX4k8XF7W794gMt7mTntnW5K5kbH42QWtGW3QR8Mc6xZkTPW10l4Gl8-KMTbW6_3Z3m6pDHRDW2W2tMr2G48JjW152T708z7t8GW6WT2Jt3ND3yZW23KYR73LP04WVFQG8K3nPLn4W6_lJX_36yZCGV4gTlq529qSQVtKBXY1MwH09W4TTT7G4CBBg_W290szX30_ngGW4P5LFC2TCkQ8W97-dPH89Qz3tW6dbYSx65CRtJW3gxfGG3SpjM_W2vZjny2SCB3TW3Vcf0t2SdPGdW8_t7l4242f1cW2s5r_12-34bcW3TqCPj3Sdlt3W6b8htc5zvbpSN6TLk_Fqw1gkW6BlD8C4gXx_dW5xQp_43bZP6NW1jlSjg3q6l10W7RPDyB2CHTJkVGP2PD3LLn-nW72fqM69bQt8FW8ryjLM5ZvFqWW1kgsnX514B5qW7bl5CR3Wls5dW92Bc_W1bwrzgW8TQsh-5mBY19VjLLbf3fLkQWW5PmyWs7J_MfLW7T1wgW4THYnQVkvYbX8dhXh-W6khsZn6rrWyLW3bPPBf3H7xXhW790c_43yJRw3W1pP22d7wrHzGW3hpqbd30gZcYW78b7rN5JyS-4V9s5BB3wPLxhW4L9YxW8sQLsKW93C4px9fG1hjW2WMfpj6jfDwDN6HD0kLDY3mLW26NnJq3DhGWPVybmT71bpXVYW3XXwLk1m0SwFW5MpVh_5PwDZpVP2KG55SyFjqW2FqmsY5VYnxMW7pbVy12hXs9_W8C3RZq7Qp2QDW3zKbv_58G7cwW8p7LpT6zx0C6W1JGjjY1Vj683W7L1JCz7vdLmGW4q7scz1qw7pfW6-x4yq90N5k0W3LYzxx4k-W6LW8mH1l71zWKzjVW-9lk21LK38W4v7DVp7Fv0XBW6PNrsj5hpPWF3lWg1)  * Topic: HORIZON-CL3-2023-FCT-01-01 - HORIZON-IA HORIZON Innovation Actions * Budget: 7 000 000 eur   With the constant increase of technological developments, **the processing of large datasets** is inevitable for police work in today’s digital world. As a wide range of products and services become digitalised and interconnected, Police Authorities need adequate technologies to properly detect and counter emerging threats. Big data analysis also provides invaluable opportunities to carry out investigations, identify suspects, reveal or anticipate crime patterns or links between previously unconnected events or actors.   1. [**Enhancing tools and capabilities to fight advanced forms of cyber threats and cyber-dependent crimes**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgQ03W4pbgML2bxqT7W8s79nR5XhFV9W2ZYDpS68qNDsW7FkKXc1fngTMW1-VSZ-6kYh2LW7kYs_t485dmdW7r0WRq3nbqsMW6pYgwZ5QtMgMW1T0mhq1sLvCqW5_FR3q5Lh3ZgW7hNRjJ36MLLYW8vycl88nfc_xW6nJWZk1027cwW5PtWL892lyw4W5nMGBQ6wLT5BW2BRXzn8C4rlSVsj9Kb2wzhF_W60qCMB2gJFLXW3P6qK46jDCtyN30RgSYD26lRW7wBCrh7lJ4m_W85Pys18fw62YW8xzqFq2xlQv_W8TnMt94PgDphW4tf8_N1jdNNkW5bF1v371_fhnW2BTj5R6gxbKmVkJ_2Q7bxLk8N6tb_DT36KPYW2XNlX-7y-NXzW2Ps7Vv8s8V70W5-RBn271pjvzW80PdcV3lNL61W55RlcH1KDZSxW2XWwDJ48_x0YW3Jt0Fv75-74gW41CCNt5DRvZbW89w1bM6P393qW7PK8bg1SQ5tmW1CYMzc3BgpZyW5nrR_s1MTQxrW7mH3xQ6JLN67W43Z8MF6XVl-9W37cdbF5H_3zMV3r6Gl3KS814N7Zk6fKPLcs3W1lPVcz2tlBz0W7k7j1J6G03mCW5-nfhm5vXtL_W71DXC45hzQVJV55TXf6p3ck9W4RfRwS858PR1W5dwdw15lybQyW2gl6Ms1863B9W4djY4075MfnWW1WWfHk7rpHGFW5d739t20DTxdW34rHFV8t_zFDW2wYs768K6JWBW4dNdDv4NXnMlVFcM2N372gQ4W5N517g1XtPjsW3LsfrS6gXyPjW1lrVwh39q82zW5kCDRc6wHmxbW1W1K6t1NY320W47mknW2x2NkPW8SRk3p5ngS9_W8PMX6z8DDL17W5GkyMj1XZ7PQN4vN3141GZnJW3VV63q6Yl2kHVzljp-14kNnRW9g4JZl5mn1YYW4Tw-SR8bTK9rW5YRZym1NrGHVV5nY-P1dGDpSW4v76Mg39BjcvN31fXDq2pdVKW64fgJv2lpm1yW3KKVwG6Z-sDDW1H-wVM1CZTqCW3r68Ry1Yh3k7W55kgL831kSkNW7TFX9M6Sd5LZW8LQfH56ncjCMW677v25846W70W1mljV92CF_QqN68y4FHQJyclW4X1JQ95zWYJlVZ-t-44v3_nyW2n3xp16pHZgDN3gwBS7fXlKcN10HjFjZ3kyPW2LwTvx8T8JkXW7c_4_H9cHDFJ375f1)  * Topic: HORIZON-CL3-2023-FCT-01-06 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 8 000 000 eur   While cyber-attacks, notably ransomware and distributed denials or services, are getting more sophisticated, law enforcement officers need to develop strategies to gain a comprehensive knowledge of the numerous elements contributing to the attack (Virtual Private Networks - VPNs, Bulletproof Hosting – BPH, Remote Access Trojans – RATs, botnets, Dark Web platforms, crypto-ransomware, Criminal Phone Banks, Pseudonyms, Advanced Persistent Threat groups – APTs, Internet infrastructure abuse (e.g. DNS), etc.).    **Increased Cybersecurity 2023 (HORIZON-CL3-2023-CS-01)**    **Opening Date:** 29 June 2023  **Deadline:** 23 November 2023 17:00:00 Brussels time   1. [**Secure Computing Continuum (IoT, Edge, Cloud, Dataspaces)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgDCZW37QPBV6l8JQ9N82fPrYdCdZrN5Gjs2fGb_kBW5Df_mz6nCmTKW23Xxlm82x3ywW52V0zQ5T6yS4W43N7wJ7MX10-W5L9JmQ1593N3W8KvZyW84r-gYW95c6Qc55sDH1W7WN3Gj3Yp0KkW1tzzhl40FWy5VHPHRw8zc0yVW33JMvt4sNwvfW1ZnSnN8k1HG_W52tx2t6L38-6VdsqWd4_w1P_W22981s5mNWTbW6MYL3K3s0zXNW2WSYPl5sRSqcW1FkB4948LyS6W6glm3j8qg5knW8VjZ9B3dzJZYW4Kfd1H4XNhl1W61z5rh19-99NN8b2hj4mC-qsW1K_wMb6Qx-MVW6vzCgq8DYlCKW4YgkzQ3rV07HW7bHYRM1ZYKKzW6lWvLB7NPcJrW580qxB99jXHJW1LskxG1TjRkdW12ys714Q4pjQW8D9RyH2NL29CVLPpTh85lXcBW92Jr-96l5lsJW11HSCb76VBlxW58tL-y7nfjDfW1NNq5D3H1S04W5dTJQx73-CLKW2qJ5F47LnYg2Vzp9W42SgK8-W5g7YpG3glXrRW3bJFDs3261TFW8zy7Kw9bjHbfMNG3rj9KMpPVQJNrl1_SLD9N6S0JWxjYPvcW2Yc2cD1-W1ljW96wftv4HPWSJW9ckVXm23x8s_N16m6s4_JlLZMZ1HywSx-GDW4Nm6Cf7k8jlPW47YCpd3QSXn_W7MGh3B4QlT5pW6VjFyb4LC_9-W4zdVJD6q7XnRW7bfZkQ4Cn2SqMC_LGHFYt-wVZwF1b48jl9TW7y2kJ73NNqxYW2mg6dw3yrbPnW1j50gL4Jm9LCW1Y2kyS7Lj353W4mTmFp3XTvVQN95dKLzcmm1fW7gdlRF5ZhPXLN7vSZJf9ckZpW1NBjBl5sSqG0W2y4bv862T7FNN8PnbHvCb9ycMdCMNvGcqGnW3tQTZq5yBjmRW9b024H6BtpqDW3f-Gpn8q3SZ_W895l-33klLyQW6d03Zn4qPbxLW12xMyf6HZxMGW98FSk75HpvZRW3ldbFL56GycGW34cVHd5QDgP0W3HVmG67H7qSpW61jXFj1YFWqmW5RCS3t6xbckGW5sbfY-5mSwM8W3qdl8757HvptVNHQSm5QpfTLW5Bk0Vq8DmYn-W3_RtlF7RLjmgW6qL8DD2cWsxbM1DgN4bCq1rN4xy-7G-n1dRW4NG0dN3tDWsTW5TvdKC5_ykPC39Cr1)  * Topic: HORIZON-CL3-2023-CS-01-01 - HORIZON-IA HORIZON Innovation Actions * Budget: 23 000 000 eur   Projects’ results are expected to contribute to some or all of the following outcomes:   * Tools to support cybersecurity resilience, preparedness, awareness, and detection within critical infrastructures and across supply chains; * **Cloud infrastructures vulnerabilities mitigation**; * Secure integration of untrusted IoT in trusted environments; * Use of Zero-Trust architectures; * Trust & Security for massive connected IoT ecosystems & lifecycle management; * Secure interoperability and integration of systems; * **AI-based automation tools for cyber threat intelligence**; * **Secure infrastructure, secure Identities and usability for a security chain covering communication, data collection, data transport, and data processing**.  1. [**Privacy-preserving and identity management technologies**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgYwBN7nQ93R3bNmQW1YSpf_6Rp98LW1Ql-pl75j24TW8gbzvf8ZrWHDW6pFm1k1-PZ40W652pZg3xD4mMW278fG95yncVrW5hJS6p8YtchKW4Z_12C4B60y2W74FF7R1yWskMW5Z5Xyf4hWL92W852NjV8rzhW-W8hMtcY3mM36RW24m7dH8ckJCsW8XPHCG6d3m_hW7smkJm7RsdJBW6Cl-9x1smYLkW4THMVj8lXT18W8dvvbx2HS7p2MNVDwbyMY-jN1MZcnDRtTZTW2M7wbF9kZkK9W8S2BdZ6kp3jkVWNQWW2vmD6jW1Nc5Rq2mqpw0W653T4q5spS2hW3mPCMK6sbdJrW7z_nk_4Kpfg0W4sHvgw89BmqGN1M8_1d93HygW3f9qwp1bWLDQW4WN2qJ4m1lycW2gZL4V5t4FfkW30VbYG5grXXYW4Dy6-r1Xf0S8N3CCYdLPhMPkW8DnyhM3CtXW2W5FX8Fh5YNTqJMdvB7Hw2plRW8NcY2w5t6xrCW8SHnB056GVtLVvRZvt6WM_3TW1zSZ1D7QYZmqW7hk9GZ1y65tJW2g8Xvk8NvzKfW4bfJfY7sP-qMW4MtDmg3h4t6gVL7VdW33ZX0hW5XT-dK1l_G8nW44z0T_4X6ZSHW9jNyxN6850_nW1RgCQJ47h-nNW4WMx4P11pj5rW83zmDJ2sjnpFW5g3jck1WK9-4W7Gztby31fBxsW50zrJ-7ZT5xbW4zFs1p4n9NYbW2fgz3f2vR8RHW8bHshx1BH0_5W3mSPTL5s27xXW8xBQqY8__p9vW78vM1m8jYTc2W2Sv-hm83Xm53W2NwbdQ3CwPrPW5kNRpd8P0vLXW50y7vk7CvWyCV481_s93YzgNW97dW3f3YB19LW2CBKmm6rPJLkW571yH975F0b0W4Zvvyc7G9DX6W6bD6Jv3dK054W5Q-0RK6YT2DkVhzlxC9bpQS1W8-yLLV5lRQnNW5bTVsv429pmJW8jgznx10LBHsW7Sc12_2mkqBKW7gR8sL4kSyCcV_78tG6rsPfVW49QzB_86-b5gW8vh-bg49bcdyW8gZ3dt7wWn2JW7VT2Nb8JcMwHW980V266jD4cjV_W4Wx19W8YfW5VkW-w7mdnHLW8GQl5q4qFPQgW5J6QHp8zPG3MW3RnMd21RzLQFW1517SP8XY15k3l221)  * Topic: HORIZON-CL3-2023-CS-01-02 - HORIZON-IA HORIZON Innovation Actions * Budget: 15 700 000 eur   Proposals should address usability, scalability and reliability of secure and privacy-preserving technologies in supply chain and take integration with existing infrastructures and traditional security measures into account. They should further take into account, whenever needed, the legacy variation in data types and models across different organizations.   1. [**Security of robust AI systems**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgZJhW7J1jZ-54WNGwW8_zLHn19ZYv-W5RpSV0389y5TW8Rs0HZ5LswSQW98yNsl3RsLchW3zh5Cm6SsDwMW7ZNgVq8-1WCPW3m_Mhl6g8DHgW3x_lws6zR8jXW1ndZSd4H2FpCN2YZT9-ggg9ZV_KG3L7qqmQGN4gRFkvVSQSMW4Tj1fq7Cqn9qW3mZSM61f6XFjW5bfZqj9b-GTCW67NPX33f2ddbW3L7sJs4_5p-WW6k7QW59dMkhdW7lflyD3NG1RgVMVcKf60YDzlW6fsftl32x_76W78R_hV6VPl7vW4byLyw5HBM3SW95rXrr5C-wDMW5B0Zbk81sV4KVDkHTD2CXQL2W2KHdpc3-FTCBW1_gYQ55cK3g1W83Tkmj4l8H2sN8P0b7qTc8rCW3Nf9wj37DQjJW2GyWCd50K6ZKW30SVmZ3wRlFfW46_rXj3qzM6DW3XSYd57BHNhYW3VQ2Db8DWX7TW41T70S5dzR8PW950pV_35BrqZW5J5hj88Y9K-nW7X6W9D4zrFdvN8k2_WQV_q-JW8pqfvl5FccZXVqdh-m6r22ZbW1CHDTR4BYSl5W48vNgr4s91T1W837Dy38HpvZJW8Pr_Ly1M0L2cW2trqxw8R4s6CW442NVc2KjwKYN60bFNXHTfMlW26WQpc2N0g-8W382GfS1RTdv6W72M7616q-T21VsDc074J51L7W47RKSg7wFw6gW6tHSkg95jWJbW8Ht2fY9chQYNW5hmyds6qfLw1W5pqcCJ3BtvWyW2CHlNj3t-6pLW2tgjnG1ZxNPDN5yTmQK1jSJ3W22FdBx5Y_29XW2mFkDq88kCHsW4dvklX7J4MP_W3YYpXJ810wm9W40QZ0V2dSRwRW7FP9QY2bznYNW8VNmff1qbGbPW5JtWrH3j4PNnW3TDWVX1stl9NW8nGXTm2h61TWW8v8Fwv8fSBX1W4j4RZ43Xm2LNW41brn784wGJKW8yZs-s7YRhkkW8sf5Xx2JPSR5W7hqqlG9jpQvpN330K0CM0T_gW5F7D4b4sS4WxW5M18Hr3Pjr_pW3mM8Kq8JtyV1W1Jy_MB2X4JJFW3MQr1k8_HpNfW3sV9W55wBwnBW65XsKd5Dky1tW66XCw08xQxsyW6dXWcp89mpYRW3_FDKz99WsSLW9784vh8dDwT1VN4XKz2PwZPLW86l8fT7dGmjKW54x8902hWRw3VfSGcz7VVmkhW7tS2q25RBdYf31FG1)  * Topic: HORIZON-CL3-2023-CS-01-03 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 12 000 000 eur   Proposals received under this topic will address the **security of AI systems**, in the line with the following considerations. The availability of very large amounts of data, together with advances in computing capacity, has allowed the development of powerful Artificial Intelligence applications (in particular Machine Learning and Deep Learning)    **Border Management 2023 (HORIZON-CL3-2023-BM-01)**   1. [**Interoperability of systems and equipment at tactical level; between equipment and databases; and/or between databases of threats and materials**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgYdJW7fqsSQ2NFbQKW5trQ8w2PX4B3W59r-h42Y1QQYW5gHf7w7RQysYW5M18lP8y9qGnW1zhPlt15M_qcW3VsQgn4kdrJCW3XmHXG50cb9sW6m8SM_7MnTGcN4r5j9_9FSlRW1B8Z_N7kw-5sW8BvC9Q4BTX7fW5hqBd15Ny9gHW7c71Nc31y8XbW30pgWZ1VCbnMN3kJw-NFh2ljW4h2jj66gyLH3W6CxYht3MZGYZW3BZ9j77mjDn7W4MVrtM3rwJ5fW4qsTS88PxDQmW449Fdd2k6Gq-W484H3p5FH_VCW1VXc_B8vc5g8N3BJd0Yy_ddhW8glwWm6Jv_1_W4B2fCM5rTNzzW5W4_JX3G7slyW2h_D__4gpTnGVMp04C2W2LN2VG_yVJ7GZFlyW5DxqZT8qxQJzV217Kr12CD78MzQVKx390W7W4Nkp1R5LwC0lW4W0my27Bj8_hW1Kz75588kmb8W7-vHkt1YsfwhN4RJQP2W-nb6W975bzZ104YwcW68Ygd51XN8D-W1XT6N47z198wW1NbQxP4lzmWFW3tcWy86RCl9CW4TWqjJ2h1CrjW4ZngTz362pRzW3H8cRD3Q9fZlW1SHNNL8kttrTW3-TD563w-wM1W7cxPM21m42QpW63JmxW6Y92NLVTdkn79hs1_KW3FX9N33SlFmtW3xTpDB6z8DpgW6fMz0d41_hdsW37TfMX2RVsZvW340VYq5dGlMmW1ZxhQr6wv-gDN3M8Jv1jFxgYN8dRCXq8H3vGW260Fr92HWW3FW7QmVpK4G8lFqW4C_CNP2ZccJRW6Nl6YC6mqDMbW5TBKwk2sNxrqN4DVJYzMXDVvW6QKjV99gKy-1W46Ydh11vRb7mN8j52FB1xdcQW2gR3TN3y1H_PW6zYJYQ68_R-6W45WS-Y34XtF5W64Pz363sM4bYW1xQyCb1Lj7V-W6_RBwH5Hk220W49Y_pG3mLqMdW7Pq-Ys1ss_WQVJJ_pN1bhzMRW4FW4ZQ4yVNSXW6wQwYP17Qw3tN8ZSD-hNP5TJW6qr7ZX8glJcMW5q-m-R36Zmt2W8QHHnY6176gkW6TkbJs5xchW0W4Qrpx75CkjNkW2kH7yT66_qY4W3MFg3R7JFr1_W2cZBb486XMn4N2dp5Mlhss4RW5R26Yt64j4jdW1Ff0qk7Y6ZpH32sV1)  * Topic: HORIZON-CL3-2023-BM-01-04 - HORIZON-IA HORIZON Innovation Actions * Budget: 6 000 000 eur   The proposed solution(s) should address how to make **libraries of data references** on target substances and materials more rapidly available and shared with authorities; to update and share them faster and securely; to enable quicker tackling of illegal substances and materials, either innovating current approaches or designing altogether new approaches for reference libraries. |

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| **Cybersecurity and Trust (DIGITAL-ECCC-2022-CYBER-03)**  **Deadline:** 15 February 2023 17:00:00 Brussels time   1. [**EU Cybersecurity Resilience, Coordination and Cybersecurity Ranges**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgSyTW1lS2Gz9lJtFlW7BCRy38Bw7xCW3Hx1b81qB_-1VHlrb71G9y1LW2Bx3Gh5rRW3-W7lkSFX7b67c9VJmz_94KtGzRW1RPXnt69mvR-W7VhY5d8kfJk0W96hD-G4DyYBRW2wWZTh6TF7vWW2LPJTJ2Z5RPnW4DShLq8Nmp3LW5t11SL16K-pVW81JZGw8qJL7RV5H2g-6F3zvDF7f5bq4LHSKVfbQqS7QlqppW7lPktj6c469PW7TjDGd9ks1lxW7jgW2718YzbKW8nnrTc48pdGPW3f7mdL8DQ8bGN7npkmLjWNWZW2XJBy92xcT5DW62B75d89B16VW7wq4Bj2f-B_bW6zSMYj6TnC22W50pLr03k7R9YW5H9s5L15K3sbW8wJ91d1pLK-1W2d6NrP61lN-DW70CWph38f_qYW1CqpFF4RRf-cW4J-LzH5jhf4GW8bf2sk3yv-khVN1p1X7YPSjNW8nsWW16stGLrW6QtkMK4GnDGvW2nWggS7z-9VBW8j9Z864gCnLFN6VffphBkmPXW6HbvMt3pGRd8W2cCnfs8_TyxkW5lpjFy9bHkVdW6ZxL8x12_tvkW7MHtW466fnZ5W6JzVGw3lb0CSW9848Cg4MfnH-W1K7R795x5XLjW4BDZnw3_8VqmW4g1tgv5P2qbtW53C_495RRKc0W6LhnVN6fHzchW8VDNf94hRLrYW8BhDNt4qPd7CW41MY6B33VKnhW6tDJHJ8MKZ70W78zx_F2d4ZFsW1bk0lk12SjTqW72drpX26kc4qW59WDv08Fb_XVW3P4KXX4DKkLJW3xcHS297Zw-lN85FPc_X8hHJW2d_42h3VX-DTW2qzl4K24vPMKW9ft6N48NHnQpW7hplw_7-2s1JW5Kgbmt3YPlxMW3sHyHG8FkkpBW3dBsF28kg3L2N8dGfqhhn-jTW6j9d1d91q7sgMZvhpYgXsqbW9dkD954YvWQNVVJBSH338KCnW7jTSTn1bDDzTW3hrjVc68KgdYW2NL8-W2m_GL1N2D5KH6K2_2GW8WlZM47S3M7FW3Z_FXj63cq5jW8wYM988vXmGkV673lM6srVD4W57vf9F329nJBW3tbppG8MQWnfW317rxW7XxSSYW2YNsCm7_bKm8W366R2g4Gxw-yW7n8RzL24rCq8W56dRPc7KKjFyW5J2j3M6LdNg_W9hT_rY98Yjzz3q6G1)  * Topic: DIGITAL-ECCC-2022-CYBER-03-CYBER-RESILIENCE - DIGITAL-JU-SME DIGITAL JU SME Support Actions * Budget: 15 000 000 eur   Proposals addressing the second objective should support the **creation, operation, capacity increase and/or uptake of cybersecurity ranges**, as well as foster networking between them in view to develop cybersecurity skills and expertise in key technologies (e.g. 5G, Internet of Things, Cloud, Artificial Intelligence, industrial control systems) as well as application sectors (e.g. health, energy, finance, transport, telecommunication, agri-food production, resource management) including consideration to cascading effects across sectors.   1. [**Uptake Of Innovative Cybersecurity Solutions**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgF0ZMzqsJ24lbMfW1cvlcc20gTF0W6WWNrD8Md4_6W3nHMXP8d6sJPW1fn4X3842cMdN6KmNJ-r284GW91sZ6s7L1MxKW3h0rTM8t4bf9N8RkGZqNY6WwVBchTf7V6vlMW28Hr4S9h5WYSW6wg0F75_-9bxW16l2_X8X22sBVxHpsL2yJYn1W2kMZCk4GhGK2W7z3SGB1CxVsNW1gwVzq7_jy48VPwWRv7ZS3zYVhbQTl2P1S9gW2j08S38FWwd1N51plq0xdJ6RW4SDqpG1rJh-BW8TsDQp7Jm19HW6H3Trb3-nkZnW66-Qsq8-vzNzW4wq53w3j9R0zW8wF34h8_lBYkW7NG7Qf8jpGlTW3N5C079fNwx6W6yjcPY1w48l-W11jM1g7hnfbDW7xVGZr6XdxyCW30n4bH5Zg_wvW1Cfm-g2hphXZW6ZKs1N9kQvTcW65GgNw2BV8ZjW2YKgQ579SQF6W7DtBGT4kX1xtW556vSh4KzdXYW48HSH-5mxs0BN5kr6HxbWNsfW2HjmNn82Q50JW6S5TTD7JxjdfW3hby7m8wJLxRW42zDVt68YMLDV4dLCW3MkJ24N6-XzW8SFRssW6JxTYR89cN3nW7DYtWw2hlNvWW3SRttl3Xc0SSW3S4LD47pJmVmW3BJQ313BzdNfW76TSrN5ZsZX7TMSp22YMxbhW6vjfkV6fV2vQW7cR2SG7-GRzLW2TZRfG1SHLnMW2CNP1L120FY1W9gns227dZ6VsV51cbG2jr4KsN37sVb0Z77G_W8SV57z5WCDt3W4TYjZV2dQRQYN2_20w5zyVFpW3CTr6_46X3xNW8bY45b1kK-h_W4vNBsG3Dg_0YVcTL-Y5PYg7xW6H08x51lJ_yGW3jGvrf8ds700W589js777wKhwN45GvH8QRKtJW7zWrDt1zDkv5W9g-Klw9dy8b7W12cWYb1TQNTNW62JMLP39B3pxW5y-37b1X98bQW1zYFjV1t0YQBW9cWy-T3Blsb8VmT9WY93Bb89W6_zMMN7wYy74W9m2_k53Y4NR0W5Cw6Y24yxDfZW4L-n3J9gf664W8JM9rF8xlqnKW3Gk3g-2hJJ1sW2hbvX117N4_RN2cXRvk6cR1NW7nZsgD2kzFxcW1br97g6s401kW5fkmMR67J22FW7QgR3s5g7kzqW1dQhP_8dFygMVV6SBZ35zKn0W8fr8KL1Kv3LsW6nLX1l7-H9Wf3lmq1)  * Topic: DIGITAL-ECCC-2022-CYBER-03-UPTAKE-CYBERSOLUTIONS - DIGITAL-JU-SME DIGITAL JU SME Support Actions * Budget: 32 000 000 eur   Through supply and demand assistance measures, the emphasis will be on **enhancing cybersecurity capabilities across the EU**, particularly for SMEs and public organisations. This could involve education campaigns (where appropriate in line with initiatives supported by ENISA) or marketplaces that facilitate communication between providers and consumers of cybersecurity products and education.   1. [**Securing 5G Strategic Digital Infrastructures And Technologies**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgTmXW2-YXbl637KGRVxGbNP6q9G1rW8ftMH-2wHzqgW7FvsRK55gnndW3Nzgs13NfKRsW6C2Rjy8Y5cbSW90SCf054pbccW9lpZCb2fxpDHW5cR1dB950pZXW1Qs26b1VRdgXW3TPTkv7zq98BW6jjG3B1t6CQ8W126WRF6DXlPcN6DG0H5S7ybwW8957ll3hdwr1W7g461-3LHh94W2wmr575wp-K7V969bD3s1tnCW3N0m_J7Z78h4W5rsKR52q6lZ4W7wx6Nj4ns3CBN7S01rvfj1xYW4GtB5D9lGxg_W7LhCpJ4x7X2QW7QXpr56Dk42_VJ2RFH7V89fJW1jnMn559lP7pW2ZGHj4642GJgW1L-xPr1kJ-C5M3ZGjg-vZbFW31qhMM17FjgTW2WYJ866CV7DZW5wxGy-32hT1wW6Yrx_S3vPm12N7Y5FDWQNvyWW23c05H2Scb6wN3-FhVn6xz6-W5pxFXb5388Z_W6VWgHS3dNDTKW6PzRVM2FntnBW5mgHkC2ZTnB9W4-pLtN3x0vb1W46z0x_2Jz-3QVb_VFL4F6TFwVgM6yG4pW31QVXjmlr1VJ0m5W2yYXPx7DL8znW1LfFYN2dPMcRW99XjZB1XWy27W6wng2T28WrHQW5ps4Zw5r53Y7W8NwR5G8QXsTpW11H57Z8lRcDQW1v2jLW5rJkNZW7Q7tn2577MbYW4n-3jN388SX7W2V68VQ4N2X97V6HRX45r5zw6W7WlY9l4hh92HVTQNtH7rbG2SW5VF7_F15FgmFN4_X-tfb7M0nM5PGfjrvb00W16xJyL1bVYVHW1lvY_v2KZgjCW7_xYQY1KHrptF116vG8FPmnW2YRMw14MNQJxW12zZrW2L5gr8W11Z6bG3XfQHpW4NLM5B11v_qsW1TbN9M69h9G4W685dvT1XY5QrW9bkPCF5yXz9dW7hc0bR4SWVWzW13Fw_R2mc1jLW8S5JYD3wQ3CsW2PlH9p6tp-XzW6HqbMK4_KGQsW4zB1LT66NVzHW48MPpL4Lp4rCW4qRlG_4LCVQ6W1dT7W43_-kwYW5D5NCY8ZrrFvW3NlpNd7WV7SLW3q-bMp357-S9W51ZhlG9dNQ1MW1tJxx592V0mgW6PwRTw53JzFWW6vKS7-6W3VqYW2-Y-Ww3Y44VJW1bl2dn1C1lVdW3jp4_t5KS8mDW1gwTTs33xPSCW8Mrlrb8n_d9lN1W_rmd5TKrF3d3x1)  * Topic: DIGITAL-ECCC-2022-CYBER-03-SEC-5G-INFRASTRUCTURE - DIGITAL-JU-SIMPLE DIGITAL JU Simple Grants * Budget: 10 000 000 eur   The goal will be to assist relevant organisations in Member States, including electronic communications regulators or security agencies, in **putting their national cybersecurity policies and laws into effect in accordance with European 5G cybersecurity strategy**. This seeks to promote the development of knowledge and skills for relevant national authorities with regard to, for example, the sharing of best practises, staff trainings, the use of cutting-edge evaluation methodologies, support for standardisation initiatives, and the acquisition of specialised services (e.g. audit and technical assessments).   1. [**Supporting The NIS Directive Implementation And National Cybersecurity Strategies**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgCDQW2Jc5s14CMHL2W5Jv4267-Lz4wN1RdpcTQTWXBN7-08dp7l3tGW7q038J1cxXS9W6lN4MQ8jkcjJW8QhC3r4WFw5SW5Z9p656NrP0jVm4drL4x43-sVm7WhZ4XmqNLW4kLKdz63rnkkW8Zv4jy645dWQW2NGy3_8LrTCGVfDsHY3jllJtW7-M53t6NlYL3N7MPhbBgsBm1V_xVjg30W8xMW12dKfY2Jr6zmW7Ppd7T3G62-XN8zHjP1xVYzfW10PPgS3h6cl5VpJM3428lZc-W516DWY5gVlgpW32jsHK8FB9_pW6vQzwc4fb6nLW2j_bcN8dG8qXW69MRWP5JMQ4CW9jW6hC91Zv-kW5rp57479RHHGW8S64c26YYl2xW2P06pQ5hsx4zW6mJYFV1ngn6mN4sM6g1SFLKqW8PXSzT5QDCGcW5wqj_f8CM6FhW3zrg_V8rvpSzW3lZBwQ51XF-cW8MdwMZ6bMzT-W7SzSgz4lW08RW5-WsPM3QNsdbW2lbjPV5mPd8nW1K1Y6Q6L5c2tVF2R_21tD8pQW2CRxBR485LhCW6YQbhZ5_59qRW89m_S34jjskyN6fLlFmtTDhMW8FS1V26YhJ8ZN6mdjPNGwJDVVN1ck82prDn2W3ZzQ224BSrgwW2zGdm-7Vm2DnW87kWzt52D3WvW53w4sz2VpXbfW43Dh5W82VhPXN60mb9cFyqWpVTJ0_G3Ln20LN1L7ZT6Kq5XsW8zh-0s70Fvg2W31gZpz33p48wW9crBFK4bX7h0N40fvqnGtx1XW7p1Fy55LgW67VB3hqH2-hGg3W6D4GgJ3-JpYMW4lT20Q2J0bCdW4l3P6c1v0-0sW3Z0vPq6JCvj_W24q16d8ddbwgW94fTzV6Ck2lBW170Td72FQywWW6Q6gKC8rr4tdW4x2QSB7sr-RbW2gQF915Nm1CjN7fDvt58DWlKW7RQh-v7ZSD_zW5HmgCN25jYNWW68VzS05lt_9fW7L4XsB1fCCVtW5WsTm15ZkM9rW5YlgV261RFFrW9csmRs6SMz6HW5fKQKb2XlpvZW2cdsmg70GV7KW6-VrqP8kKGMgVZkcRw1J41J3W4j_5SC2C6-FmW5fw6tY2mwmQkN3clY5kz7QhTW8Yb_3K3yV5ksW7YFbv48WxyPPW6jy49x5t24JSN4PRlkvQh-glW3m-yTy7q01sc35yT1)  * Topic: DIGITAL-ECCC-2022-CYBER-03-NIS-DIRECTIVE - DIGITAL-JU-SME DIGITAL JU SME Support Actions * Budget : 20 000 000 eur   The action focuses on Member States and European capacity **building and the enhancement of cross-border cooperation on cybersecurity** at technical, operational and strategic levels. It is a continuation of work currently supported under the CEF Telecom programme.   1. [**Testing and Certification Capabilities**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgYKjW5l_nt562dNqTW1fRwkF4MgXDtW19qJ005WSrwhW7QDmGn2vk4YrN7G_vrXL6XR7W2xvr2J4x0yb3N9cGhPq1HmbBW5HrtJX2mccwmW8l66nc7rt4s2W7HFkmj6lcWQxW3hSyHb6RkfszW6FGJV51F7jlyW6HkjwR5XZRmVW7Hr3hX1_H1YjW6qCb6G6znMT5W56ySHs8TDvPDW7MCdzv8vp7KwW6JR-Dw3p2Y14W3nV4Wj6M3nhjW1GwRVn6K14vcW3LX0q_51lh4nVwNBxL4CjmwVW7Rhql68yhKXGW1ZB3Tm4S6vL0W7t4qmJ6M0HvMW85Mjg81GRXmtW2xzd1V4wHVGQN1dYLqp_K6tjW6KP3Tk2JQJTVVGj20z3KDGX7W45rGfS32pmLqW7GXns-8dcKh5W3DM9q137R4YBW7RGXwj6t8xDfW8YHVWh8cnXN7W1qLkmv6t1CkRW2-MDKS1G1ZXRW975c1H2D3w43VtMRFy6JbbX8W72Y1-c8VYPtpW6D3bPM66zWNHW5Fq0rc3dhPDHW7Mxstl5C3sJxW8Nx9SP397M3dW2NvbhB4dB0n0W52jyc88BPkT2W7vynbd96qDYYVJj9Q-21cfG1W3bgC6L2151YhW8_K8j26M146rVP0cMb5qKyygW7kV-yG7FGvGnMJbrvbFr0-QW7CL8gX5DbnJWW4Z8pqg5y2FzVN5gHfZtHLG5nW7VW6bX7L1M7ZW6kH-6T29Y7F2W8HcM3l4-bhRwW34NVG81ZqnwZN6_RqM4HPlNdW4syFpQ61ZSSbVxGXDv90Bw77W1jCrFV7jPf-tW4n_frq7K1j87W6CLvXz18DZ2rW3FhYfx8k6GjgW4c-dJD5TH9d2W80yNbv4sCtyQW2VK5T43pd5xmW79l_9C1yvwfrW3LQbRk8vXdgGW8c3PSF8-S5h3W5Mc54H7vTSjPW59HPdv54bkF8W2Qj7TV5NsYS-VD11vH31JlYWW17-rpj8ZZQQzW6dfl1L8XF0n0N929MsGkSkMdW8bZwYz1rNklDW6TjbXF7mC6wrW1Gmpzn1Vd9HhW2bms9q7YCHHsW1rWBJt7z0qptW9bRxg55g5FZmW6tLWnT56pb7YW4wsGYb3GHs4TV36hXt4ZSR08W1cJYWX7vVS7SW25XnwY6RdFrrW4Hy7mt5dfm86VT7VSK7-XY8RN6TpNXwvxKf1W5b8cGL5FfWZZW4ZtKLL2cgThh3dGx1)  * Topic: DIGITAL-ECCC-2022-CYBER-03-TEST-CERT-CAPABILTIES - DIGITAL-JU-GFS DIGITAL JU Grants for Financial Support * Budget: 5 000 000 eur   The objective of this topic is to **increase and facilitate security and interoperability testing capabilities and certification of connected ICT systems**. This aims to improve the capabilities and cooperation of cybersecurity certification stakeholders in line with the objectives of Regulation (EU) 2019/881 (“Cybersecurity Act”).    **Data space for security and law enforcement (DIGITAL-2022-DATA-SEC-LAW-03)**  **Deadline:** 16 March 2023   1. [**Data space for security and law enforcement**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgLSGW5f3pJV1SXsY1W6DM5K614ZGdKW5XcbPs4zGxS6N132Yrry3Z_6W2V-tgR75WxQdW4P0rYL8JDfvhW35JTx87h4WVFW6mqbZ98FpJGRW9bWWjz36j86vW64YBNh8b7hbDW69Y39M2P5TDlW2NLrs43HMfJrW5x77Qs4lkx_DW528yrw445zwvW13Rfg71WG1FWW8p3XZx3cpkbfW3RZw8q87rNbSW8_HTst6CVxy4W31Md7y8wbLXYW40CwyM2N2gcwW5bRcHD5FqKRWW6Nt8Z715N4m1W5KJmg49fnT08W830F1473p7zXW20LxYS1R_2b6W1l_4494csswZW6-hkPM5nL4MFW4g05mX1lkdz2W1rySSx39FWr-W21BCcQ5rsQgPW7ZNd5j34XC4VW9lZzDp4gh116MZFGZf28q4CW2SBZDj2BSCdmW1HHNZZ4XR1QmN7YStgztQpjQW4t0CGg3qrl3wW1L8Lz626T4WyW24Bsvs8htYwdW41c1Kx8zV0F0W8RrcZj6CxB_QW3PfC7J5Fvg_2W4w9Yfl8PLN43W1q41T07SttrdW3BhYSd3sS_w4W6lBcFN79FK9XW6D43d162FJ-9W1TRNqM3P-f0bW4qXhfk2vJDpBW24C8PZ2DbVBvN4VxFRsyP3LrW1dry4b6yZSyNW5bp8YH4wnS--W6L22qX2h3jlHW50M-V46qpgnpW64sRwL6qlwbcW5VY18Z8B2L35W4zzRvz291SbDW6BL3LK58g02xVkkCzS4hMt3NW6mdS4G3Yj9k4W70TfMf6yJGjGW3XWrZk2q2yfTW7n_8ZF7x0W7vW8m7Z8Y8yCk4SW8BzBYZ8_M_V-W1Rh2PF5ktvBKW57tG1k554GMHW7Wlm-X1dKZVZW3lMvpM2m_c3zW7wmw_R5g5YS4W8v6mFb82br9YVpSVbZ1rR0vGW7pbc6y3SYP3xW81NYcK7nTKvKW1YJzts8rhVFBW8X6CSt9cs9X7W62q4pD3ZW2RVW4HmSb6303MwSW3Lq95Y1g0QF8W2m0cCZ8Z0dvBW4q3zlR1V-8FpW7ZPd6x8c5Y99W2Lg_TB6M2VQxVd7P-d4C76S6W8G3Yfs4Qs_yCW2V008p44sm70W9f6lY34zKqptW8J-_5B5Gpb--W2wTdsp1RrSwxW5tPxKg88KFjWW3K-lnJ3MhjYLW4cKc0n8Z0WkXW6TqLqK54YQkr37jp1)  * Topic: DIGITAL-2022-DATA-SEC-LAW-03-ENFORCE - DIGITAL-SIMPLE DIGITAL Simple Grants * Budget: 8 000 000 eur   The **data space for security and law enforcement** will create a data ecosystem specific for the needs of the security and immigration stakeholders, including national authorities, EU agencies in charge of European security and justice representatives. Private sector representatives may benefit from a dedicated section of the data space for security and law enforcement containing anonymous datasets provided that they are carrying out security research under the European Framework Programmes for Research. |

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| **HORIZON EUROPE FRAMEWORK PROGRAMME (HORIZON)** |

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| **Strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data 2022 - applications (HORIZON-EUSPA-2022-SPACE)**  **Deadline:** 02 March 2023 17:00:00 Brussels time   1. [**Copernicus downstream applications and the European Data Economy**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgV-SW3hSdDf5ShMzRW1ZNds88sytk2W8bCqHr1LhSc1W7prg-s6hGMwGW3pJnn47PxdpMW4mHqPy7hWM-VW5X16pk1g199GW8TZ4tc32W_2vW5qWnhp6xSbMNW7vc9Q47TZpr5W95P5fp6dsPN-W5CFMqt8P1K-RW4Mk4j491XppRVn8-Tf68JD_YW4dq-Ln5H8w00W5qq8QP86Z1CVW1YF3Rb3M3zqdW7jXf6-2H6YDrN8tnFFk5rJ4nW5pfZzh5VDFDsVvQgY_61p-mwVfSmyM3-bMfMW7PJkLD4sDFxVW55Cl0t4H2kC7W4f27BG2xm8k6W4NX6rd2TbHVgW6k_CPV2pGv_ZW4c3XPg8JSMQNW2krqdv57KQNyVkNDDk4t-YZ-W2z2Q5J71QsT_W6Y_rHH5lhNJ4W58Flym7hG5JTW8n9P_75mwSSQW8T-4MN7Wg6T0Vg-B_33m6-4MW1mKV8Y6YJ-ZnW7_cFty35BkW9W6LLwXK39SC3tW8t1l5n98r4bNW1FppbS8XQQfZW6dGK8x7WPk3LW18V85B6RSZWTW342YbP6F00VhN1KQq8_nBWwnW1GCbJb8-Tr0yW2LM_kV3cDSGVW4QG7BL99SVTnW8WSWZv1MChrQW3v8Gdh10gmKXVs5FFp4sT9VsV8X5Vp53scMQW8kf3hK4T5TjRW5j76Nw4gxdcBW7VZ3CF2V2JpLW5f5fgj1rtXTrW2zTg6S5CNs04W8xt4cP7TMkMpVHZR9p6JBD9FW88MV-F3_991MVVG7gH4wmVdxW4tllfL7jTBJFN45xZFfG2_TnN8DQc0thRzm-W75R4ZS3FLKHkW4tsN4h89S5VrW5b8j_F744H0MVPSPGx7LLLP1W3sm0CB4LYKx3W6TDSL-9kDmCNW3gfz8b43D8YbVLKqSB1PjyFYW636W_H8z6W0_W3KrKHZ7vg7nNN3TlwN0G2MMbW8xxTnY82HrJ_W4j9tbS95YgpfN6PNGkv8n1KPW8Svx7J2Qly91W6y7ZzW3BdKFhW7nRxm97l8v06V8MC9n8Z9m5jW5cxDr06_S_R3W7thTqm8hZcDHW2s3Hvv2Dy1vsW5gf2Z78gKw-4W47Js4C4fL44WW26cJ2H60Rk4VW7Y7p2B7BS_vBW7tQMcv5LwkTwW6Vy8Cr4XTJS0N6HCngnn_zTQW81F91R8xRTwHW2Y_8gB9gD9zV390d1)  * Topic: HORIZON-EUSPA-2022-SPACE-02-54 - HORIZON-IA HORIZON Innovation Actions * Budget: 9 600 000 eur   Actions under this Topic will bring to market new or improved applications, products and services by exploiting Copernicus data assets and services products. To achieve the objectives described above, the project are required to adopt state-of-the-art ICT technologies (such as, for example, **Big Data and AI technologies in their wider declinations**), and make use of existing European data infrastructures, such as Copernicus DIAS platforms, European open data portals, and industrial data platforms. The technical solutions to be adopted should be user-friendly and work at the scale of the large quantities of data involved. They should be adopted to contribute to the digitization challenges of the European industry by opening up innovative business avenuesopportunities and to support societal challenges.   1. [**Large-scale Copernicus data uptake with AI and HPC**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgMp8W2hw2G-2tT19GW7zFvmx8LL1CVW9dYl7H10lscMW19RhvD4x_BzNW94sd303vqM20W2cRm8K5YKZWSW5VY0Dg5101gWW8cjrTf8p57HkW5P_2dw7y7RyxW3VMBvg2S-g4NW861hWs5TgNYSN8d_BTN3dPgKW39qGWz7tw7fjW1KbSs96-G-tTW3z5Hfs8BxH3zV6mj8m3k6BVYN6xqqS810ptSW1PdJfN2JwlWKW2kxDNK5Ytk3fW6GNr-G8xKX3cW2wj92k8WXzGVW5R1cXY5fZM1XVjZz0s7M_QjmW6n6F5N3Sq__6M6_L1rPc9SWW6ZHkrV1kt3XjW3ypKml55fpBhN29GHntKMjbcW4gDPt21cG_WJVvhxps6-_dmnW3RbBWF6GgBlyW5VzbZt7TfM2NW5MVJdC5fzQrrW89rTFj3svFhvW8ncRxg3zYDmgVNgR1b4Ylt_8W6rBQQ_17ZT56W5ZZsc72mSMDVVKtJVY36PYz-W9lm88J218DTNW8dNpk82b9YGBW5ZNQVz5vNhhbW3g1LbK42Vj2dW7Ty2Qm8Q_x3qVC5lWj7QvdzcW6zKTw72H__TjN1h9H_g-m0dLW9bvqck8s12F4W2qyBCp20h1Z_W20xfvx3xG1nCW4vRgkw4HQMCtW2glclK2sY92LW2zqmyC7dgbQgW719qhn6_rGFzW3zKJSP89TvgJW4f42WZ369Cz0W12MPNp3MtxGnW4C3btF1hsYkRW8vJcdF7PQxz1W7RDBhM6jDt6VW16gMd68KLm_jN2gg4sPHjXb8W7XLV016HQ0ZsW1CbQbK5nWrdcW6jJVrH3lqVd_W1T8nLg24zlMMW7YyF4H97XFdMW6BMbP854x0vmN78HcQwkj8VGW978z_l3wgy4fW6tQCTD7Tls-8W50w2CS4fy1NYW5q_p4l5KCnTjW8FxSvq4H_YL-W32HRfx7CGLHPW1GV-tM3kmzRNW88QM_s2yy3QVW1Xwt_h7yktq8W442rfL36lJkKW19W-M74ZZ7tPW3jZ82Q1b9GpcW1C_Ctd3zc77jW9kd8NC5vCyT8W923sv73cG01LW6_H0Dn1cxFk6VBXFng6nWdG7W2Pkh4p88NtSqW7RHF--5XlsqcW7w0lQ63TdZcLV7-FbP46D0rfW4Myv4R24P7b9W86PdSk8Bk4G0W8Wv_Ms2Y9hxZW3Fzbh77RjrN33pmK1)  * Topic : HORIZON-EUSPA-2022-SPACE-02-55 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 9 600 000 eur   Applicants are requested to respond to one of the following challenges:   * Develop new and innovative products and services designed by industrial and user requirements, having Copernicus data assets and services products at their core, and scaling up to the increased data volumes of Copernicus’ archives, by solving the technological challenges related to **Artificial Intelligence, AI, High Performance Computing (HPC,), Big Data processing and management**, and the integration with distributed data sources from other industrial domains. * Develop new, enabling, scalable, operational solutions and technologies to improve capabilities and performance of the Copernicus value chain and supporting infrastructure: from access and discovery of data and information (required to fully integrate Copernicus data archives, including into the wider web of data and connect to European Data Spaces, in a machine to machine modality) to integration with other data sources and analysis to delivery and applications. Proposals can address individual elements of the value chain or the value chain as a whole.     **TWIN GREEN AND DIGITAL TRANSITION 2023 TWO STAGE (HORIZON-CL4-2023-TWIN-TRANSITION-01-TWO-STAGE)**  **Deadline:** 07 March 2023 17:00:00 Brussels time (first stage)  **Deadline:** 05 October 2023 17:00:00 Brussels time (second stage)   1. [**I**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgW1tW7Z1mwv3YhtD2W5Ls-YK4Y56-bN7Y0X-_4cTymW6GY1tX1NyBzPW31vZ9l47KgQhW5GYmhL72BtZgW1WwXt_2vy9NPW47cdjy7vrHJkN3twSYnQ1mVfW1Q44Pn5lQ7ZqW3v_Rxw4GKwfbW16hYjJ2khZb5W3fcqqV4W5f_1W1LB-5M3Zl7BxW16hGyb1c6gNGW516wjP2btDrgW5h1sm-8wq_w9W5dVBRY87rKS9W4V5B1Y23kQx1W5NRvl73RtkgvVMM4Mp7tBJHJW7hmQbt1j-5WlVPPvSs1K2j6ZN5_bVCNTDS7jW2tQzGD5Rm7F_W7vwH778Hls8YW4HxjQx4xYv6DN1qC9C_MPb2wW3bfnH-5DS-2KV9t6TY8Vw-JWVVDHSL5H5mhLW5pg4hq3R6k2HVc-8Bz842Q7tW7-Lr8H5TvpTRN3_nYpxbHPKnW59kpd04MhdfZN8RKyJ_9_4F9V10tZt8HkBH3VYz2-S4399PRW8J086K3KXzGnW7tB0G927y3B1N5cB-NnCJk7zW1wdV_64GDYRjW7RPGC58JCmN9W5dljtp3sbmpZW2BhzV267f8gNW58JKt_9bCcJkW4P9RTM2TcTb6W2HLWHT7CBY_0W7wzyqy4t0LrFW2jR2xr2WHdVVW2vFByP7vdCWmW4pLCxn2td54BW7NSRJq5-rxSJW850X486mZxQ0W2Fm1hG1dzL99W3PK3sH8Ftl61W5SV1Vh1n-MjtW6mnYMB6dn6CJW2b_l7-1M1MF7W1Z9C9g5hbmdqW3mM-c01VBCQ2W4RSsXc3N3t6SW1Kf3Gr1JGjvWN8v5c4dvndJjW1FQ7wX47410DW6d_5fj4vW2VBW8j7JGD2RCGbtW4Mj8D43r7WW-W6c5CKc1WZfPPW2gRDKk1G9WTXW3VQ2Kj574sQgW2FF1QN4MqjQcN5vT2lDJK2QsW7y_x7S7kbddVW227Vst9h-nc5W3kbJMB6YqwT-N2__dFtTsgv4W6wYnBv7R1g2zW6BhT3b1-g8bKW2XN1Vb9lkxpCW67tNSV4BlLgZW7-pG6g1WLWd0W6_nhKr6bT4VVN9l1pZSGJkl0W3DVnfW71L_DqW8-7dsq3ykQflW8nD2BT3RsmkSN7854KZp_-JlW6Fjygl3r-0CkW1P8hDs8xMVS6W8XCJ-h57zmNgVH2h2q1NqSNjN4nwYkCG5hX636jW1)[**ntelligent data acquisition and analysis of materials and products in existing built works (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgR7_W4jfBJ58QwygTW4d7tLB8Gv-xYW9hd3X34_36TDV5hnsz7l-kQDW6QFvxq6gx8RfW4R_CRk7W24ZMW3Tb1SD2lcjlkW8xVtkl3L7RXzW5D8C5Y5BMZrCW4V8smn8KM4g-W7p3ptr4g7j3NW3C4GT25tQCj6N7vRGCJvLBPpW6kxpdZ3LCwCLW4ChV3x323GmWW11T-_n7W-FCXN2N5QHbYvhW8W2KMRG07mwx9HW4nZ_wj7JlYQWW8DYkpn87cRf1W481S7N72KsbZW8KCNqX5NR03bW7_F4lk6NrbgXW33BTxG8x8_0wW8tTFcc7WJ2PPW22jvZk5dJ1G0W4FwMfL1xPSmRW8kPbdd2b5pvmVhgqPH33XWdLW6NBvFz31cdffW85jxrs1x_fLzVNcCDK7z_ZRRW6V8t2F5QdTs_V-Vzhh1sYjphN3X8BWk-pJ97W33vDWW8dc1JTW28hfhM4pPcMNW6yyNn_1Hr0B2W3k3hF35wHtTKW6-lKY87bkHhVW1dGsYh3XN-ZrVVKkpr3dz_SgW32rgLQ66KqYSW140SVN6hhpLLW4KskP-5tQyXpVYPD0y655mxTW5VHt-R2fxWz1W7qPNWw7pKNZBW71JglW1S39nzW653MJW359WZ1W632nPM1m5zRzW5gDFGD8_hgvTW1fkvfQ69pZ-PW2J6vw02k0BTKN8jxDvTGKs6GVD2bKV4lsvkhVD2bxH4b2pFpW96GMx-5pl4kYW7FBJzr6wLDsDW92wYtH75DxCfW2Mctsf5TSmJgN3d7_hHZ_1fKW93TqXh1sgPYQW1fZ_B57sYy6rW13307s5jwPrsW4HWxnk8Scx44W7C1dZv7GQ1bLW193sZy2f9N6jW5WNkSn6zlF4cW91M3w43rJrBcMC5vkyjGHZtN2_pk_nf-LJVW4D0T_81dWCzYN1RSV6Vx_clwW3pxY062byD3zW8lNx2-5-HDT-W33MlNN1wT5szW2gc27f3r0qHpW3X3-KB27CL32N3KsGbbWPd2qW7jN7Zs9dFtgDW5SHC9C3BwlckW5b_Y7M5Y4tD2W6Kx9kh6BgP0tN6LSqmYkYvHtW2X30323h7RdZW8HvGBh3R9Xj5N16CtnhtxMztW2QcX104KB8VfN5KpZdrgvPBcW7jFKWC1jpMLlW90J-j58Kz4HYW1Jt3T_4Nqtb9VylfDK2HxXVV3nQz1)    1. Topic: HORIZON-CL4-2023-TWIN-TRANSITION-01-11 - HORIZON-RIA HORIZON Research and Innovation Actions    2. Budget: 12 000 000 eur   Existing built works (buildings and infrastructure) can potentially act as a significant ‘material bank’, providing a rich source of secondary materials and products for construction. This requires identification and analysis of the asset’s components and materials, which typically involves slow, labour-intensive and costly processes. There is a need to research new digitally powered techniques and technologies that would rapidly and accurately identify, analyse and record existing construction materials, products and components, facilitating their use in a circular economy and reducing life cycle impacts including embodied carbon. Proposals should therefore aim to foster selective deconstruction, separation of hazardous materials, sorting and high-quality recycling. They would thus contribute to the aims of the New European Bauhaus.    **Enabling an operational, open and FAIR EOSC ecosystem (2023) (HORIZON-INFRA-2023-EOSC-01)**  **Deadline:** 09 March 2023 17:00:00 Brussels time   1. [**Build on the science cluster approach to ensure the uptake of EOSC by research infrastructures and research communities**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgSczW1-tsRQ5nzb-cW8B2-qx6_DfdPW8LrSHv8YKpVTW2L-c2c30SVW3W1qp9fs17pGpTW9kjtYF1YZqx5W5VKWYV3ClvBwW4xT17y2Qy86ZVmX_4d55HfkCW5zXvWw8--knQW5mc8xh19sk12W1pPrg23Pd323N90XpTh3WMndW6XQlcY1l3mVWW3XL2438n2sKYW8HwR8Y5DJfj3N87xfXzv4Dv5W6CGykl2dxTk8W4GPtTq40DsTkW42Q3Y39bClFwW3c18Tk4K7J6fW3FK0-C206gp1W9lDrD754sf3XVG7vFv6rk13qW1S15sl9bsWg0W5m7XC16TNvylN4LzXC_WW190W4W1c871Qfp2nW8Q1Gn83ZGfNCW8fKLjk5Z_fMhW2xQjlz82-zCRW4dfCY69hc5s6W3hXz538C3L65W90Rtt090ZqxlW59tFMd2Y_m6qW4j2l5_2s-jHpN5m5MXZdZ0fWW14D6dB2HN2WmW3bfdFZ29tr8NW321cLK3ybVhBW8DpydX7QzFklW8M9-n_8fLlN0N76-KDZWZf-fW8SW34V4nk9TbW3KkjC85nd6rQW6CbxTx3VhMHZW3rXVZT1kJV-2W9cXv_C7zHLh7W7kSMfx3MdQy_W8xz19h99S4gLW7CrSh01gMNgwN1lKKP3sHT0xW1lrqJz8VWnZ-W30kFG08ZgMLfW4S4pHq4VCdQbV_9Hwc7H29DvW2gkzqH1rhMF_W595xSz2JnFsQW6GPdD94YxvkCW46-w1M6qncPwW6-RdKd7zfWLtW72tJm16qB2JyW97q6yz2fr77TVcgjWw4MHZVmW7FGjdw6p8MGQN4wJpS_ygGMnW42lbcy7fGZRwW7PkLZs7__JGPW4VwcRP48mSG9W1tZ-rr8QwBryW8JbqPh7qBG0FW4fTnPx2DH0zzW2K93_P197n-rW626Jz06l-xRzW6HxgYQ80n75fW2HMb479dYDXqW5VmhmR8d1wg3W9fGx6V8FycGZW7GnhdX1pT3llW2wFpGv2qd-RsW2jRwvF56bwL9VFWx2K2C_5d7W8R9rfW33c65nW1bdQyW8Knkq9W2X-vlv91cR_QW1hKKJH6VgCfcW3s2jcx59GYdBN14vP-3hZc6WW76pWjQ6mXKxZW6SNP4-8rq1-SW20rJ3L2MNSFjW4-YqKz5P-rWZW3D8X853ttKh2V28Vm48hLD573b0z1)  * Topic: HORIZON-INFRA-2023-EOSC-01-01 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 25 000 000 eur   This activity should contribute to firmly install the connection to the EOSC ecosystem (including the **EOSC onboarding of digital resources**), the implementation of open science practices and the management of FAIR research digital objects into the core operation of ESFRI projects and landmarks and other relevant world class research infrastructures with a European dimension.   1. [**Development of community-based approaches for ensuring and improving the quality of scientific software and code**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7Cg_6qW2B5s4F8ZKpw1W77GVHY57xxT5W6FGDj82Vd-gFW8XvTh74HVnTQW1mBT-p7K6FL5VPgCb31ZkCprN2-cB4M39N1mW9blJlt4vGyFBW16vTBP6lZbGjW3qcpMB8jZyY0W3VR6m31lQhFQW3JHqjl99XQ2LW2j35Mv2lvZKSW4l9x3T7Chhm3W6ldhvv5ZXlJqW57H6_w59_zFNN5qf5CzklztfW4J0hwH33LlN1W75_1PN8rWHyKW1wYT6b1GQSL5W1Fyhl66c26F3W3H8_pk1zvyxpW9dgdc25DWrGDW66ZqWB1sn9S3W7WxTzj3Mw3S3W27B5gj4Gf4JMW1klHdX1qCcfkW3Thwmv5n3GbZW9l8FGZ968jX7W8K1kt68BSqy_W1h_GY44MsFngW5v4Lwp5p6kkCW7cY9X96JLGzJW22cXYm7K5wjKW5x5bLc91S8B6W19zn024J4WWKW4gXG156t-fm-W36h6Zr82qp4_W4dKR9M5ZrMw-W6xl-bm49cQFkW2Cf-LJ4294hsVyX_cl77PRssW7Dm52H17s2C8W1PXp1T28ZhHhW7G4g769jVGWXF8Z62Yh_r_CN5ks7_4yNJwBW4c79BC1KNdTQW9jTl724Pcmv2W5VQjHf3g9W_sW5MM-rl5w8cRZDzZgW2PmXkW28GG645sw9XcVZ07dg4gxkBjV6Lqsw8tNKnBW3Qcn942kpqW2W7YFJ0r35x9_rW56sGpZ8WMnmgW12sCsY9h8WFmW7FmZHS2LCz82W7nWn8t2cxKbSW7Fyb5v5_YsCFW3gw1307M2cJVV7tXy87VcJd8W4_G1rf3DQlXqW3HwPDL32KCvnW5JJ20063CTTZW6tWxKl28lbMvW132fKT1TJ-lDW1X9wnZ51m6smW5-60FF92ww-HW1SByF645nRV7W5SxwcW2cY7vSN3r5jhvP7ZrfW1WYb--2b3JqvW1PKjKJ7V2MygW5kP1Cg5tz7twW2kdpmc7NkYRKW3KnrP14n0xY2VyhS-D7Xf9lrMM5C4LbH6KZW7BjCvC1FcRfvW65qyhR54Q17tN4khY7KF6qYMN6CzcbZR9Vz9W1pgGGD6HyyyLW53wwRf8tHd5SW2ntgmY205t6pW2vJ4MZ6n0gqVW4CYvt04915lxW2g7BVT1Y966JW3-7Mq-8pjfC1W7CZ79_95pWxqW3j8Gzd1btfYp3cf21)  * Topic: HORIZON-INFRA-2023-EOSC-01-02 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 8 000 000 eur   The overall objective of this topic is to improve the quality of software and code, as well as the quality of other digital objects based on code such as workflows, computational models, etc. Software sustainability is being mainstreamed across Europe and quality software is key for improving the reproducibility of research and can also represent a first-class research output on par with publications and datasets.   1. [**Planning, tracking, and assessing scientific knowledge production**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgV5dW4xZmw-1N5sL3W7jBdYb7kk07xN97q9LqJnLxXVs6nD47RsBdjW7xfMgB3wWS03W98sTFD2jlrVqN69lbQRVS6_pW2brgf02HWrYZW1j8cJC4vF2y5W2YyqX32FZrZkW9k7nwl4wKVBMW3C20ph1yNQDgW2kGfz754yBtBW8NC3g_3dSyLTN8CVNBjtZpYqW3pZVQ57X-_HxW937Yc573zBSzW7j_Fpr4Tt2tDW16sz4K6qhRKRW21p3Mj45XzJ9W6QLk7R6RlsXMW5By92295cX-mW60LXv09dwm3xW6FDTCb7wFMQJW8HRtPg2rVYBjMYY8HsqzSSXW2DTc1B7KfJphV277hs4PcLK7VSGC0y57ZS71W5tZNFs4TbGpfW3T7lh_265NR6W5l0L0c6YKN8KW8LVz-T3w5nJGW8nBzyN3Q57KPW6mrYls8JRxgpN6fLLDP55DF_W7nqgbz5G4zmNW77-YPs57Jl3XW4c_mSh4_8Y_nW2Y4fDn2S_45ZW2_ng2z5gjLn6W8b1ftL8BR8kzW6r_hg73Dtf99W9jShSP3nt06ZW6GmJyK8cFQf-W7kRNsh60G51lW8rpzhz2D2vZ_N1WKBZ0hV_1FW54MWzm3pjpywW5LcgwM3qjTZgN3p3kKSNk99DW7v_H174XprRNW3QK_c6164MLYW3RGyHK5CcGJfW31d2fC1Vbc92MTQfMHFk2DdVp-qpQ3QV6FBW5CZqmq6MXhKGW6JBHN95597PyW6z_KfS2qBCrYW6mjF487cvfcrW8G1dMC64RnBKV4b0Wf15-ZYPV_Zc_Q68YsFhW70gcXJ38DgVHW95w8QZ8wp595W3MVv_s8mbm25W73-wVC87jTQTF6754-Z8lnfN1R0jJykRgDsW7rNqqS3wY-PYW5MGHHC78NCRBW4VH8wp2wf_NMVrx-nx3DmvmVN7CmffJYw6FSW2ngFnL5_B6qvN7Yqv402JwDtW4_48mC95Xzx_N7Kppx0m-jcJW8BhQtt7nbqCyN4rySCvG4PkVW3KtH088VkS7JW6-4lQP1Vfp1HW2mPFyZ22F4KZW3wWsNf89FRzqW8lWTJy8nBwNgN4RJJztrkKXKW7NtBkW75hNnbW59NN-s2RJZS-W8wrc-Y92DTg2W3_Y7ft90hKkcW2M8f1Y6llf1cW3vc1CW2DwDlTW45474T2NG4bZ35_T1)  * Topic: HORIZON-INFRA-2023-EOSC-01-03 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 8 000 000 eur   **Data Management Plans (DMPs)** have become essential companions to the research practice to ensure adequate planning and anticipate and overcome hurdles linked, for example, to the production and storage of data. However, DMPs are heterogeneous and limited efforts have taken place to promote their machine-actionability or to automatise their evaluation.   1. [**Next generation services for operational and sustainable EOSC Core Infrastructure**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgJv2W61PlcQ2ykFcGW5pmyKG7N6cYSW3vqGRZ2t_ThDW6tpmNy7BSSmKW18Ys5n4GnrNMW4l9fKW2fqyY7W1K2v4H5kxzwTW1vkJzM163BgHW7GLmJl1RRNfDW6_STKT1w1ld-VnBrl513FMmwW703R5s3FJLvnW3JBwfM9gP7nzW82Scv43NRY0MW1Rfzns263sGyVsT4C34HVYXgW86XdLV8TYxYjW6K5cNm344BXxW8d8YbN4WgQckW5hB8hk11Z1ypW4ZT8BZ8WMS3xN6dWRSwb9Jh6VLbyJK9l2mlkW16kjFD8syZ5-W4f44j79h_lPFW1SmFmL2d992NW4w_YSl8859JBW2wrl5h2CX_DkW3C95fB31GFyLW7BXcP53fWyqRN1rSBr9vWfXSN2MqNPPNbtjkW5GlD-h6_cy8-W50hxMS3yPRN0W2QzdQy5sSjFFN8hy1C3bBqWcW3Q6PkP9k-77HW4ty3CK4N3pzfW7Fm7Gx5trpz1W32gBbd44T7PRW7QNlk367z96tW10mML83Nl83tW96VfbL8gB5SMW52b_xB4hsXdMN6D_Lk8kYFNXVJd3m-20ZNxpW5X6cB47SvkYXW7r3JNK8d-q8nW2CJ8n58pqVsQW9ltXSn29JRXMW3yF81b3M-fzKW655NLD2CK8FvW5bGqHd33hCPPW6_NzMm5Jfm7mW4zLK2Y1rHPGTW68yQJn42wyMjW72Crf82L54JgN89WkDRqN2xpW5CNbjl37ZtSjW27Dwtp84DB7yVVWWbP74tTM_N1SvvDW3_kLPW59wlN22rF5gfW7LmXdW3X2hS7W2yXtMT5G9wt2W32y5W86m0kHmW4_zKnr2d10MLW4ldWSg83SDKJW75jNg97F2c3JW4wvW824rd4PBVPg2W324tLRWW7Z-006687wsfW6yqLcv3XmLXxN4f3Hwl4KgfQW1jbLT65D-4V0W3HYh-K1PW0jxW4349K-7XzlwLW16YlqJ3VgBZcW8zr9Q05mmc1rW6wSh3R1g_YMzW2_sFDW4VdM_JW3ZlzZ_2M0TBVW3gLfGP4gR_hDW1GmhKZ7NnJvtW7bK8Wj7q-sT_W7d9Hvd94v8GjW7wx_qy3ZSHgBF936Dkm6pClW86TxXh83VGGCW4kjWX96-kYH2W5WrbrK3dVQV8W3c2jL53hNMpYW5nlQ6g7652f-N2NwKH09hB-83cf71)  * Topic: HORIZON-INFRA-2023-EOSC-01-04 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 10 000 000 eur   The proposals for the next generation of EOSC Core infrastructure services are expected to leverage the functionalities of the Smart Middleware Platform (SMP) developed through the **Digital Europe Programme (DEP) for common data spaces**.   1. [**EOSC Architecture and Interoperability Framework**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgW7zW2SQl4y2BGsMbW92PqbG8n4W-CW5KHpcL3Kj_-rVxXPXG5rCN-HN52WC0BhkFpfN7F_6qLplqGlW4gjn4m4WD56VW8cjwsp3x6D65W80pWX63lHh57W6rZG611H_VZQW8f11NJ4xRYqKN6bHwmYJH0mdN8VjJWSP3fM3W96SF9p5gC9_WW4sTCK-6v6RStW2zhB-M71zxr4W8bXj9f1Q3V1JVD9F6Q660BZ1W4CknKz3kg891W345wrY9lkPcjN2rVVV4FPnNSW2tlYm16lPpD8W19-Ky161FqzQW7DL03670fgjDW5wTjt_1MTm2PW6kXkJ244lMgHW8-vmMJ4Kz_GgW8vDWKj5LFX1dW6cmMHp24rmm-W4MpCN27YHgXqV9jC0P4x_DpFVtKxnl5tmh5VVGhRK37xs5w-W54ZJ-x6DGTV2W3pN4R_8W3XPKN5dcgXz9zHT0W2d9kw38HFJrNW4k1xW62yjV22W2SDJP_8pNPYmW8zKmqm8-Mf11VpHWjH4t75y6W8w_wQx6XPLk8N79GT1By-csBW37NdzL8ncvTGVt4kzH8KLwS8N30tlPMjkKg8W6RF75n8LpZskN8c77xrkn2wcM2LnMwxM2yGW1_3d3V9lJMyQW2W5pxJ25b6j2W8Hj3Wt9kl78GW1Kfr2j2MSVsNW62dfPD5q4LZBW67TZyt8GRvPhW4cNX877YpdQJW3vSvd_8y6VfpVBsrqC65LgP6W5StsC14FN25BW2DYYGv2FBkltW2mgC6V50qLvTN8F5hBHL640zMWk1T7j5jRBW3rtFJJ4q9s3sW1JK-9f2RWp0PW1h7Fth64Yh4KW25NL9N811F5GW15H4y328ZjL5W50ysLY5Z7P5tW3BzcGF3WYK7zW1r2wh57FsthGW7WBhdy5Nrz1GW3_44Lf7ktCsCN1scQvQ5n_VSN27Dk1h9G201W4JDgXc66B7YzW4ZL9Hv5bRGXqW2bMXLb4D0FkBW1HZZ2t55p1qWW78JjCr7Vnz9GW4x7bl87qllQdW3nWpbp1fmxzzW7DtPv83FKZ-LW4MkV3F5Sb3YjN99RfCPdkNxtW1XMdh_2yX78xW3zcT-l4m8wypVVthnv2589qbW1-2TNL4YYPtHW1TJ0j55Z5YZxW34q9Q78yGKnSW8xdPbf15zdgtW5v6Bnc5sFwsPW7WgK562k5MjS39CZ1)  * Topic: HORIZON-INFRA-2023-EOSC-01-05 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 3 000 000 eur   The EOSC Architecture and Interoperability Framework coordination and governance seeks to ensure that interoperability is built, encouraged and maintained with structure, fairness and transparency. **Achieving interoperability is essential in order to federate services**, integrate data and enable interoperation with applications or workflows for analysis, storage and processing.   1. [**Trusted environments for sensitive data management in EOSC**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgQMGW3h5jbb8pbpsPW80f7dc3s9cg-W27gsyQ6YtnCWW5NGpwp94WBWnW6VMRYS4LMQyTW2ZD26D2Lt6J_W3XpHwj6DhwPcW42Z_P94MR8cNW8RMnFk2q46KjW6NXvqs4BWHQMW2CL3nR3Hr7chW54l1sZ1_WMKdW2kpwNb4cjjv2W5_tFyl6GKH9lW4SMp7M8bHfZ5W56q7fl5MK_hbV1cHsR8l7FwVW4pX1HT1XgqVLW8rLvJ19jGLkkW8ZmLcz4NWkHzW4gFFS86wZkVGN1vJ9khFDmJhW5xmmHh5yvxDBN7vL6tk-ncx6W6C0B_347XFYnW8kB7c55p0PtbW7hp5h86X_QB6VSJvDT1qS25SW4NbLWP3RxtJxW1vnYR869_kBVW9jpPCv1v9xc2N4h3kXkCDr71W7PFgNG7p4_XSW5x0zNP6qVxGQW6WKxwx80GbR7W6jf8M514h3jLW22dPFJ580RP4V2gwTd5ltNl7W9kvJ8z6Kd0G8W1GD0vQ3z7zC2VkCQ1V25BJkvN231Z-F6wttTN1z8vh1GncvvW2_26PX2-HdztW6xCGsM8Q5nC6W9j_lVB2mNxDwW7c60-63gc5qcW72sbWZ6ScGqBW5pWyYg3WlsLVW7CNq_t4z9k8qW3pTW3j679YK5W91LV7H2JpBs9W1Zdgr86XKYWdV6YZ1R3kvhlTW4zHyXC5jRg9sW5S6Sfl73b2B1W7JqJsW4-cKJVW2gxgpc12XtM0W1PtsfW1b6sY_N63FpqvkY8PtW6z_rDV6FPhnfW927tFP4kmpw0W4_0zBF9jFxF1W31KxNj5VbLB9W9lKtKs7vPJPBW40NThb7psxJTN3zbg6N5K4-GW1VPYRd8wnXNXW4JKm7X5-lTpqW8Nr6nJ44x8bRW1Mr-k82Dxh1WW5JKMmX631576W9lL4yy4DX60SW10_c_c7m7RRZW95Z_Mp2yRBZPVzvQGV2d1_4NW6Qp5BL8T_SWlN781pcMV0_qNN2QRGK-ws9bRN1KsWmdXc988W4ksYnr138KV8VpMvqs4Q8NfmW8ShDZs2mY4RnN5Z4yNtkJJzlV47RFX1HvzXsW91VGTH2Sl7h9W8qVwJL8MLNR0W3kPwV32Sl-n6VbpkJS6J6Bc6W3_VmHD7WvDS4W7RRnlt6yGSgLW6-qPjy1ZTcR1W7MW_Nj9glqPCW31pRVQ5whgHJ32Mp1)  * Topic: HORIZON-INFRA-2023-EOSC-01-06 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 15 000 000 eur   The aim of this topic is to develop and implement a robust set of methods, practices and environments to effectively enable **sensible data sharing/processing**. They should be general enough to be applicable in a certain country/region and in cross-border scenarios.    **HORIZON-JU-IHI-2022-03-single-stage (HORIZON-JU-IHI-2022-03-single-stage)**  **Deadline:** 15 March 2023 17:00:00 Brussels time   1. [**Digital health technologies for the prevention and personalised management of mental disorders and their long-term health consequences**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgJJ0W8mb5bw3R1L1zW31Tzjn2JgVzTW1hFz1n2SN9JsW7ncby291nh4rW3yf62F2-_9rtW8gtVfm2z8b_GW6qhjn68kFT2kW2nxDzh15gWQ1W7g_YH46NbW4CW9jDlr25Yl8NDW2_qHLr4_bwcCW8Kd4RF6GkqjXW1WDjJ33xKDb_W5gxZ4y1YQ1BRW7JCqsn3jhgc-N5YqdSmcfzlFW7h8XGn1jtPfMMtK-S4qYLGvW1s13Ll3-H1MnW2N_q7H4yrQ4BW3hMh_33ytyyyW2YNT0S6GKq7CW2Qs1Br3R0zfjW9jGcCr4y-zSnW412jQy6zTDLzW7PZ3vP1DR1zCW1_QDG06GmPLYN5cD0YG_pXgyW7wJX3C6dSHDyW53b1xR74K5HYW6qVJTG48Nf8dW7DlrwV5fKM8DW7M9CgM6q-hFjW4Vv5vJ5M70BbW5KHxS64R89rjW48qk6H7Z2p33VxXDLj5Nb_n0W5KFFSB5HgNNdVqHx8_6fzhQzW8YdFcP8nhxnQW1szk8Q5dFkw2MtgLjclXPV1W2_1jp24wfl8tW1GCVV111v5sRW92zRbs16tfFPW1HjZ9L2-pCV4W615tvy4lStRPW6dMyGP44qkwNN7s6z7_YGLS0W1qWY879ghzt7W5WrYTB18HPBfW2TDvsN7c2WJ5W77XXyG86-sFQW4G6Knt412v4SW56GKqQ7K_THCW6vf3Ds6Hb3lLN2h2D2-Bw60JVNpkh98J6f9rVbt6SK6Q--knVtcxv02p3qVFW7YJqxl3KW9TxW17Wrpn6z0GKqN2V8ZtfvxzwCW3TjHvT7X93S_W62xlsr4qndRSW9dgXMq40_htkW4mn3766qqx2rW6Q5xMV5p1fpWW7Mxn3R8BkmBFW7m9syq3P3mynW569SWM6T-9GzW31K_lb7112dNW2Y07xN7hC892W8YSmtK8PfmFDW5dwB8-3VCjDhW4Ycs1h96HqFVW6_10VC5GPg8sVp9gJv3ZJcG6N9lBL5c3-pnKN44vz-xVM7f1N8WtYhjxc74lW5x9gQ193kfjgW5hLNSZ8V1BVNW1JcPkh8455LxW3s-dG_7tXKSXV-w5X410WlRmW74w6vZ4RZF4HW1R3ZNW5dfd8lW1GqpK5231ZK5W77Cshd9bbsBfW4nym_r2-LxfLW6ZD8lv45MmHbN423jR9Xzq8TW8NMfBb3hgjDy3bvq1)  * Topic: HORIZON-JU-IHI-2022-03-05 - HORIZON-JU-RIA HORIZON JU Research and Innovation Actions * Budget: 138 000 000 eur   Digital health technologies (DHT) applied via electronic devices such as wearable sensors, implanted equipment, and handheld instruments and smartphones have already shown significant promise for the prevention and disease management of chronic conditions (e.g. cardiovascular disease, diabetes, obesity). DHT, by making it possible to virtually perform medical activities that have traditionally been conducted in person, also have the potential to decrease the pressure on healthcare systems and their personnel.    **Innovative governance, environmental observations and digital solutions in support of the Green Deal (HORIZON-CL6-2023-GOVERNANCE-01)**  **Deadline:** 23 March 2023 17:00:00 Brussels time   1. [**European partnership of Agriculture of Data**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgGt8W6wzwsW6byYPBVjZvtn5m76mHW7KL0DF3-Sg5gW7NHw7F3lZryxW4c9K7R2542-1W90T6Wl4JRkxMW6yxSQW1Xc-hFW694zK37L6xxcW6pf_xH3TSw0BW3JpPNy6M4qqpW9dzJfM257PPbW4LHnh26QjfkvW7G6TG-7Gt0HBW13FKw85qgw1yN7663rKqrjNCW1GydRc3x381tW3XcND783ytgrN6Zhchp7wh9gW4qygzh5S1h4NN865Fb3VjMBRW4TsS224wPV9XW6-FYcM7mgPC7W28ysCT37RFlzW8H-KD68CqcZ7Vn6xsj4_98wrW9gZM5j6trj0BW3k3-8g5-WWMkW6YSXSX7C2hZ5W6Xr0_W42zQGPVkXcl76fYRYBN8sbN8Rl8Ql9N8rx3JnXwnhvW4KRfMX7ttmplW8fZpHB2fKQ21W8lt96j6njrznW502d5C7-ML8wN1x8NjBkgQ2WW5bmffM4x3v0dW40-BkJ6T7V4zW2w92_P70f-n4W8xRgbg6MHR3HW4qg4f13qK_TqW59N2Rc1L4yfvW6cf9K97s09MbW3NlTvw567JxgW7GPYMn8btcR8W8tq4G98k63P4W6NVWGL3FkRwmW3Ztmm03GTQb7W7-S6w74xpnpZW25kBmN7rlf5QW5_c0Nq53Ccz3M9VrdfD681JW1Gd75P98ZP_8W3Fb2s84zqMCKW3sVc_j64t41nVkb0J14rjy1_W3jyx0S4qVHdYW2JN4-z8YK2KCW3HTbnJ2HyNjCN9jqM1MgDCzHW34LYFk2stMN9W2VdJRh4RWtksVfc5YC9brhLmW54QGDq7JrFG-W16bMlN7Ms6RSW7gJTLs2wRxDZW4FKCyp4_LwTVVb2KJY6FHCsbW8LWwnz6Y-gR6N67Gxk_HzH3_W7YYj3Q3tJPK6W169XfK5F7BJ7N8XkWqT3bfxgW3pJdGK1VmxzHW40PCMG5GnXXLW2w4xf58WC50xW2XZycY91Hvd1VBLzjr5Spz-RW57Wmf-3QcqC9W45lbN74R3wCtW1r_1cW1jy6gfW3dQHFG2Bw5pHW7wnks07W0SyrW7rwY5h1hWDx1W81KTRv47Bpn6W6YbHrx219YcKW8m6KQ36GpWnXW5fTg6M6RJ-65W57WTT33l-mNTW158JH93Nj3_TVYbBdj946QqZW7wf9VC3qt0CxW9hFXLf3lKS9m3hnW1)  * Topic: HORIZON-CL6-2023-GOVERNANCE-01-1 - HORIZON-COFUND HORIZON Programme Cofund Actions * Budget: 20 000 000 eur   A successful proposal will contribute to the objectives of the **Agriculture of Data partnership proposal** including the strategic research and innovation agenda. This partnership aims to enhance climate, environmental and socio-economic sustainability and productivity of agriculture and to strengthen policy monitoring and evaluation capacities through exploiting the potential of Earth and environmental observation and other data, in combination with data technologies.   1. [**Digital and data technologies for livestock tracking**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7Cg-_BW4V8xb04R4bhrVTdQ306PVTWzW6wCybZ6SW0TdW6WftXt8BF6tjVKX-wb44lYgkW33K9QL5Mp_8vV-2Lm96w6c7rW505ZRG4rHTBCW3Md0z64PzK8JW3rfVgm4r3wt5W8CP6Xj1SQ7WsW5yTVgs1m_wxzW8dsGH56G8PVMV9Pjyb4BbZJGW8qdCHS6MvdvkW7FpX_Q8K2LV2W2VjnW03VgDwKW2ztDCC6Q0TkdW8C2SmD3Dfyh0N1nM7lZLXrNrVVW_N57hT5yNW2956N1823vtHVLwN2Q7TK4-3W5t0cXp8W8jGPW8dWNq_6RFH48W8HhkBS8PP308W19BqHn6s4c-YW8GSG9s6LQ8DlW5B5RYt50fcKGW5hcBB27HzT_DVT3nrh5RCT-pW27rs4w6F0zGyW4dNvFD3WGlmDVH00CX1pDhDKW19QfMx1dVbVNN9df7hMdLtfLW5FTSvY2zpVB6W11x0Z39lz-7nW1Ky1sh5R2xDVW7lg4Y34_RxXcVKK0K26GSYDXW4zCZWN806tn8W37fZhh1pJxYlVT01g264gNxmW6rB3KX7F5xwLW4sVDC82XTwgVW6LS-5s98PF7NW6z1fgq88s0njW27DrRs32x8BcMqBY5hRrM8lW5rRrXY6FdtZZVcQsyh7zXZvGW1xzcgC3_dfdBW66kk226RzXlFW4FvBH-5-nCmDW2RHVCk69MmK0W7zkZwH2rcDWQW38sD4C2j7WL8W87j0Jd6fDbstN2JQMgNbVfFpN3LYBYGvt48TW1FVxyW7Sl69PW65-GMN7SQ4p6W5NjljF5Mb0vXVcvdZt1825n6W6THtlg3FjbmDW1HlCvf6YQyWQW8cZ6Gs7l9YrZW1Cbrpp9c_W50W2c-8_P2ZjkV8W1F7_Gf1zkcwxW66Pxw44s6fCTN73hpr2qJ2lLW2tGjdR5t3yqGW4whg3g3Xqt82W71tnKH8W50_6W16L5dH7xC6bGW8W80MQ9b_yKFW7prMxW19L9QbW3nm35d8NzbTJW3Mg_cB6_0DYpW2qN7ZQ4-B5tvW5Rgv3-5qGb7zW3d9hvY1H7vzgW6Xxy012q1nLcW6XGznL65-l6FN3N2SfnjzdPqW1T-ytV88npTlW276DGD5Gz4qhW61jBB91ZhTl6W8y24qj2YbBK2N5qMn_D-81vkW8pfhw_2mzwNwW8hMwTz8KZS3033lr1)  * Topic: HORIZON-CL6-2023-GOVERNANCE-01-14 - HORIZON-CSA HORIZON Coordination and Support Actions * Budget: 5 000 000 eur   Proposals should consider existing and forthcoming data bases/ registers related to livestock as well as (forthcoming) sector-specific and horizontal legal requirements in the EU, including in the field of digital and data technologies. Proposals are expected to take stock of livestock tracking initiatives in the private domain, including in third countries and to draw lessons learnt, as well as of digital tracking technologies used in other sectors/ domains. Proposals are encouraged to explore interlinks with other innovative technologies, such as genomics, and application cases, such as recording breeding traits.   1. [**Digitalisation in agriculture and forestry: markets for data, and digital technologies and infrastructure – state of play and foresight in a fast changing regulatory, trade and technical environment**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgVN3W7b7V6f5Rf8XSW6NTGnT61Bd-7W5MKCpN6h6MngW3Cp8NP1yY0qpW1qCnBP7_0lTNVw8yDg5gVvGPW1pF_-f86gB9bW91SNNy4qLC10W7fqfSD70hrv2W6JBRzt8nJcgfW8SfmxJ6QxVlJW2x1Kqg46j-2fW4PXVlb8xsbT2N1g9n3jCsM1XW4lvzf48q-MpYW8_fYfH2mmNzPVrzTqS8tdSYgW1_PcGS25bSgfW1-swD62656TyW89j0HG48xXkCW94X3js5fNLlMW5BJbkk8ZmHTKVrnmCM7Q7MGrVplPMk3f1P_rW7RCbhz5yhqcVW98trbB4-RvPnW10jtRn3GFRlZW79CCzb8m2Dg2W4yKfk867qDq_W7rx10l4cKF1KVmTWrD72RrPWW897wFq8s3QvqW1fw6Xj3YrvdmW53hbnB9f-rqXW4P9XN03lk7DRW3FDzTv7gRl0BW9gm-498g92ljF5w93XVv8NMN4MbGDs_7Fk4W4PGNr77HHQctW4zV13P3Yq61BW3Kxy3G7qlB_rW77Tzx42JsqrMW95Y2zn9bj5MvW75RxMF7z8FRCW6CBkS-82FZcbW2v0pRW8TwP7mW8GHL_m2HrdNtW981Yth1SbwfPW8rNfZK3LpKznW1J7C3W7m8DHVW8N7BvM4GmyNnW5yhlYk77gVgFW8v7fN57HqGb1W8yJP_s7gVl_cW7BTLVy8VmlBBW8zjQsb5sDPRSW5QQDpJ85wbkyW7V935c7R9S2FW5kH93G8dwb8-W59XrT65RJkjrVjrKLQ4d2-17N1C_ShLl4h6-W5QHwP_3Lj62wW69qnnP6LrffBN38JzFj2080jVWYH8-7K55b_W1--8V-6LHQSwN8S4bbQ9phmsW2fvS3q1vWRqzW13NW4b1V9HfwW3f9Y1p5TsN3SW534qFF4X5DhhN68MCzd82NZHW5WT-Q_65z4thW8xKM4w7NXH7kVLR1M66KlnX8W8hQND22qKLGCW5rw0lX391PPbW7-S1sW4NlBDCW9k26Z36xth_hW5L2qCz5XR6HsW7mqGNM3tcfj6W7fFQMV7CcwzlW4TVMWr6c7smCW7RwwmS3fQ-skW1WlFZV69_1KvVDJH3W4Ct7K3W7ZB3QR5k97lQW8071Xw8ldyKGW8NKbxD2Lgdy3W83XSlq60XMQZVjhqgr3wxY05W96mfSM56NxNk34J81)  * Topic: HORIZON-CL6-2023-GOVERNANCE-01-15 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 5 000 000 eur   Project(s) are expected to consider innovation in digital technologies brought onto the market during the life-time of the project. It is expected that the project(s) are working with targeted stakeholders, including farmers, foresters, agri-businesses, farm advisors, policy-makers etc. to test demonstration and communication tools.   1. [**Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgXMZW4vY7zv19vCHcW7h2BJ36F0-88W4LB4Xw1pBRx8W23pHYM157pYJW4F9dtf3HccvPW51MqMV95b6H2W4h7MMJ2p64fmW5YsghJ8j-Y4nW2qYJvF5W1J12W9kS1hV8lnCFNW7jmz7V6F9ShSW6ByT7D7B3_q7W3S-TpN1pyB_-Vfzr_z5_PyW2W2srcqj6FqlCGW1cvB0m39WgmzW6kmvDJ1lYg55N4ZGjJHCzGP4N6vqF_09PhPfW69yh-P75ZgJzVV0fBT8J3sbvW3MPP9h5C1ZwjVc9GCB7kwp6QW8bH3Nn7pp73zW7tpzBJ1yTgFzW4Qj2df5nWgFdW2rHqVj19Rc4fW2QM2Cf97_1RZW3Ztc8c24frwRW8_W7Dc223yxjW4FdX-s6N1BYPF6xV3x_ThhZW3wzH_f75bf3MW2f9NGW4sMn_1W9ftCCd55DhSfW6Brpnq17yxCbW7tJM0p3Q36B4W8P9L8J1LqnyxN140fMKmmSf_W7KQDGW6fc08gW1LYLcn375h6yW29CjBR73rlgkW3Ssj1-1cYjcRN3BML1hqLNdlW1yYwJz8nYdMkW74bfMq1MYrWLW269bVw1xWB-4W9c_PH_6LVxzcW5dd_cC2vjGcpW4yMHVF4Z2ZCDW6b70MT8DR3pWW7QQr8v32DqR0W5bcTkQ5tFRhfW21GpyQ1ZHGCzTghlN2gv-jgW5tTSDK3TmX3FW375L9L2Q3hSdW8ZFFKn2WCHc2VMn9K15BrCtbW7LF81_2WpwWsN5WkYzQzVCY3VJjZdv74_PRQW6lXh5k60yR-hW9f2XFb8bKPyZW4zsLWD8r5XSFW4XwCW94S8JGrV1CypN59BQDzW5_FkQ26LkcqWW8hssWb7lVVXWW76VYDq12p7fxW6jT2hm2fZ4bBW1YWk_w6-v3mSW8plHfb2ZdhqBW4rGJnt6VBpQ0V_QskM636T0zW84Bv1P8pLyRVW1cvHYM4WM545MVzjL0J0xTnW2yVD2c1k0dhxVSz0Hk7CDKTLW5HPvyf9bC7pBW6XNRgD5cwgvlMTwdRJFwmGGN4D4b-tk-W3PVkJDj33lLhZYW5DRmS463x5Y2W5sv2ZL89qf9zW3hDzj98tLSknN21fPJ4wsSXCW1j63vn8qyj1gW2f_2nm1FmCMFW6QDMth5qgFgXW78tfXS2M2SsJW7r6FTF3jrYff3qqV1)  * Topic: HORIZON-CL6-2023-GOVERNANCE-01-16 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 10 000 000 eur   Proposals should identify common standards and common indicators to collect data, as well as interoperability and metadata standards. Proposals should develop recommendations on how to make the best use and scale up digital technologies for plant pests early detection and territorial surveillance applications. Proposals must implement the ‘multi-actor approach’ including a range of actors to ensure that knowledge and needs from various sectors such as research, plant health services, farming/forestry sectors, other relevant authorities, and industry are brought together.    **STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA 2023 (HORIZON-CL4-2023-SPACE-01)**  **Deadline:** 28 March 2023 17:00:00 Brussels time   1. [**Scientific exploitation of space data**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgFGPW8-v78F6XLMQPVHdZs232JRchW8YVw-T7H3lNdW73RcTX3SjGt6W8FCxzl3kBVpFW2HpMnc1zTQSHW3hLxYt2pTGztW67QqB53jHKnbW4l2plm6np9w6W8t8rMK6HDz_TW3hKk7s1MpH39W2d9qV-5ZDgPyV_TMw880rKdNW27qcSk1twpgyW1104px3x8VTbVtkQJz8hFsw1W1KfhbC72qkcGW4YXKKS9j51SVV57PG57X4VKPW4CCfD48Wsz4nW7qHxDT5dF5PvW2GL3p47BmNfRVKYRhH67l_NPW29b-605c5gNCW7SD6sw32CVxrW5XNs4l51xKw5W3sG7f24BCcBbN6-Fx44YPM3tW4FcZhN4f5QVlW56rpxS9cq192W3lZvK93-MRrMW81cKS27LM0n3W2lVTSb2QwgtkW7LsDCH8nq8KkW5xGgLc6_zM27W2MWXMP7DgC00W8B9bgm5QXF7QW3-kvrT7Ss5H0W9bk-h_94xmTrN1Wwp1hLJrQJV-XghH5s5JFbW8mxr--6yX5lwW6BQkJF696dvqW7HwTQw1yNqfLW3DkGY-8170CZW1tbzZL2TvvNjN96-pndTJtZ8W5yc5K398WS7YW79BpBr8xyfyRW5CynQ46rJdnwVLq9R35YYZlGW6-zqpV8Hgm-xW1xzxDG6hwXFsW79Ps812G6RJ2N5zbHQMfnwyHVBbZzB64MlF-W4XWg0_6VpVGrN64CxC4SsDBkW2RnXC41kXY-bV_mFLh7hBcjFW1bGC-w5KYwk5W926lgr7973QGW6WK7BX7GzpsgW3pD5H-1PpbQPW4gK1j84csjfKW35hcXB7qCC5XW6R6KF85wrvfpW61v4z35RKdFGW6Jq19t1d24VtN7ghS-9r56WZW96WVv-32V4CZW1c5nR111NRCmVwpQP09l5PCXVcVJSR16Q117W2bNmQZ2tZCZrVWgQbL8mXWhwW5TQ3KZ3VdvxgW769YCZ5gNF6mN8phc9H87y_LW7k1P773v83Y2N33DQb_NjkcvW5_8Y697Jll5WW1Bt3C-7C4JxyW4DFGCx29bJ1rW2k_ggf1xxrDlN4bK_vT9DKllW9by73v4z9kR3W41X5tF77PzJJN60S-qrq7snnW3mHlLD6lv3TqW86-CPZ4Lc86BW7jhwvN4nshCDW4H_gXx6T-4SnW4GYcL788L9hWVG3zq23D62zsW4sZpvf392KS12j51)  * Topic: HORIZON-CL4-2023-SPACE-01-71 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 10 700 000 eur   Projects may rely on data available through Copernicus DIAS (Data and Information Access Services), ESA Space Science Archives when possible or other means (e.g. instrumentation teams). Combination and correlation of this data with international **scientific mission data**, as well as with relevant data produced by ground-based infrastructures all over the world, is encouraged to further increase the scientific return and to enable new research activities using existing data sets.    **World leading data and computing technologies (HORIZON-CL4-2023-DATA-01)**  **Deadline:** 29 March 2023 17:00:00 Brussels time   1. [**Integration of data life cycle, architectures and standards for complex data cycles and/or human factors, language (AI, data and robotics partnership) (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgLrvW2XGnMq2rB7bdW5YfrxQ5Lbn-xW1b-_pM3CY0_QW2LlyPF3QJKTfW7_P5D173C7l4W7tRWzc6Hlq90W50yQkG200GHbW79YZMN6fcQ35N2qdFDF4tr2LN7BfcCwqL0vZW5wRcLw29tsv7N83KL32r0z6GW4DNQ2J6nN-PkW3vr0_n41zM-bW61dDdN6w5t1cW6MDBxf1jQ3ZtW64wd__8YXMh4W5BqzHB81MHhPN5MYLZsl4b6ZW5MYSGr1p8YwQW4KDVtm7fmHm0W7vNY4J5Vp9CLW7nbTvz7fN4mSW44bfd01J_MvJVprcMx2tM9PTV4KRDn5vM56HW6Y5shM1qLZhlW4BLT-72Py2P8W6hvPmw6PZCGPW2lmSRP7LJX-PW3T537m3NRWFFW7wCLGt3pT6sFW6KGTnx6QPBgFN66Jj6x2WB4fW6DxNzx3V2SPQN13dwV06fhCLW4GngtH8qdrQ9W3dlnND6JYHlBW5-5bk4875V8NW6tZ0cR1yDM9jW3pGD8y7Hx9yGW5cdZk18gDyw_W8_xtV033G8NyW2Lf5612dr6DjTjqwr5xTpW-V8bFkC8pL6bkN6K2_n4MTp7VW3F1vhb87vC8mW504zMv28rLJCW99f9dk6YnC3fW7bGccL1Yl5k8W8TpHQd3YTrpgW8FYNjq6vm-cbN35gnn5QRr22W2kK7JK2-VvWHV_f9VB3RNK-pW25PqdC8ST-txW6qj57d1fb5h7N5b46rgK_02cW4y4yS54Mj7LrW3MPVsd7Yf9G7W85nhVq7jfLn6W4_YMPM8JHskxW5qZ41L7V18LBV7S_Kj94x64zVdrKz-2gvwRNV73QqS5G283TVvSWhW54mn6WW7L09Y347sbDxW53qLS23BcdVRW61nKWc6-RhSZW77gbMj3wJ1yRW4l-PHd5c29t7W1MCNTC8KJvnMW1Sx-cb8g1jhxW6jcrkx7k0HG5W2J6WQD6dV6TcW850zfR2HRbRWW8DGxk88ZFxPgW1VLm4Y14Lq1hW3kn_0Z4zQL5nW4x3V_y800CvPW95n4Ft636psQN2xXJZs70DNKW6jydy13tzBlcW72V96g2rZ6GJVNVH8_2X5qXkW4LCmMZ50xZBhW58p1yS5N9XD9VtStzn2cvnfZW6lhRCk603Yz7N6pD6SwQjT2D3fM51)  * Topic: HORIZON-CL4-2023-DATA-01-02 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 45 000 000 eur   Proposals should address the entire **data life cycle from data generation/collection to the final use and disposal/deletion of data** (especially when required by applicable legislation, for example the General Data Protection Regulation (GDPR). Proposed actions should build on or seek collaboration with existing projects and develop synergies with other relevant European, national or regional initiatives, funding programmes and platforms.   1. [**Cognitive Computing Continuum: Intelligence and automation for more efficient data processing (AI, data and robotics partnership) (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgVVqW88QrrM2V-MYtW2K85L28m-gqwW1NjmK48jbDH1N468C9xsVvkDW2y1Nv73632DMVKVP-X7FsnPbW6SFWdG15TmJpW7jz0Cz8LM1wRW7VM6G64VXsDJW6RZfXk3gDRHhW2xmHDP2myFwGW2YlSY26Nqjs2W80DFs013YGyzW8qRNJ28F-VS4W8_1qLJ1n948-W8p4cTK5PhzDFW5tG6z54G7KGfW38QNjF2fFSs7N3CJ7xmtvqwrW971y3Y8ZNYTBW40ZcRV4YVdsFW4skCdD3fQwXlV5TdXN4fPvwWW6TN5081wX5DRN7cN_DdCBC8lW8SNjnS4b65CNW2vXy7C4MG8mvW1Fh1wC7Bks9nW7dpXWk1nlpTNW3tQZ0W86zZvxW347mdp6vjRPcW4sx1Sy99pJ00VNc5ls19RY-MW4_Dlw98bXYryW5qR86D7FpQnfW78rZmg1CM3tqW8RFDPp1Fpd3wVp71Bc6l3dt0N2g4PDx5FwWWW82PjLR2JkmY5W1fRZJJ2Twly0W2999n069vdXMW60gJHq5CQ48zN23cp18-VT81VBxkvD4mPK8dN61CF5ys03p9W4CmMCz1qtZMsW62-r6H5BlkYZW8-Zk7y17vN7yW1G12TF4GQYH8W1cGl_Z8q_qCTVKsbNQ51R9jkW2wFHYd5MC8brW6q_D4V1yFt97W59s1b28D_Y7LW7l923H5lRCPGW2Tb2kc4yQKsNW7n6rSw1Kjfd4W5CJRsN5Dw8c0W9lZRgn6STtLfW8MNpxj1M7xJSN1w0xpDRrKtQW5pblby5Q7JPPW2_yYC41YwGvKN86MKjgyDqH3W3HPpzL6RwVN-Vzz4S02Hd_lcW4-D4zM2YdfMdW2NV_9S5L4fF1W6Z9yXQ5QpzM2W1YgWQ63n6fSDW1hp9Jr8rCzW6W8DxnH34pyk7yW4rBXjR7JdrG3VxcK3Q76CTFWW4mfcnH2BxXx8VhtzV17vpZ9MW6y8jdF1bphqdW4-hryl8v_TDxW1bRrzR2NB5xlW2p41zp2FgVNRN74KtySfjHPwW6CfHQk3cwCKLVfGY1C2KCzZJW5lSqvD52zmVKW3B8RWH1cjTL3W8rZrZH7w-bwmW7slyMm4gWQhxW4GbGS-6Xs05PW5ylq294NN1BPW8ycYxn6wGmdVW5jswYV8DWmj6W5k6Fdx2b2bK_W6p-S0W6cPNVsW6H6gDk3Rr7PSW67w13t8W72h_31Rn1)  * Topic: HORIZON-CL4-2023-DATA-01-04 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 28 000 000 eur   The Cloud-Edge Continuum must provide seamless management schemes to allow services and data to be processed across various providers, connectivity types and network zones. This requires innovative management techniques and computational methods of the whole computing continuum **from Cloud to Edge to IoT** that are enabled by Swarm computing and decentralised intelligence.   1. [**Collaboration with NSF on fundamental research on new concepts for distributed computing and swarm intelligence (CSA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgYCdW4HVdmh48Rl2QW3lmy1z1zHSTFW7yDV3B7jjmYsV3bsZ72ZzwTNN57RfBg99FxrN737nsj688zhW52NgX212Sj9hW1KtRfn11TxtPW3lyDgJ1DSZ3QW7ylxmX5NhbgGW1x7tCD621jGjW4npfmr81jY1fW3n00tw6CCpNTW5gDPcc6KGhJZVHWVYK5YjNSsW2l_ry17QBBJkW8-ydR63X1Dm0W2_cJ_c6gGVBRW1-K1nd7z5vZ4W8xvm5031fyx6W5n9cK63nvHs9V_mJCz5C_9LPN1RKbxwBJsvTW1D7Gss5GFxtkW2KmRW28qd2j7W1TqkqC924WlyW45V5sZ2tC3FHN1vN0TmNtLTFW4cgRGh7gVYhBVDly0T6rHH3CW4lKV5M2DhSnMW2scPrt2m9634W5dLzCF6_dwGVW8lHB1B23FRwgW2N_bkl1GRWGtW50gwkX4yTmFVW5dP9dT7knlNBW2s3JVY49fQ7YW3pq6YL59PpK3W46Dzk694PG7xW3lvLVg1t7h3HW6Lr7bv64frPnW2NW3zl5LC56FN464pq3m9H81W31Y8jj5l3ZYXW6snKcY716D8qW1rN5Kb3Pz1N0W3wr-s73vL425W1nPLqG5qjnFMW8HFnVf1NVgHQW78FhT-2znL5NW8x8dgr1tJT23VqMbfL1VZ7vJW8wvD7k62_2jMW3HtNQV8DQTm7W7snct41Z7KSrW41x0LF86Xgh8W5KtPC881C1WZW86sb_315fRC3W3VMH2B80Jb13W54Wbrg1YQ7rFW3N81WD2ZwyGwVFqM9N6kbxsmW9dQJKK17HhtDW6n1h1X22zGfzW5fG2Gt7wzg1tW3YFhGn5-1-vyN963z2rZ2PnNW4ghjP72LdpKTW7yyxg16ZG5mcVDjzgW8YJpFKW6w2BK538K1HQW1J6lMt1B3YlfW6fGNjw8MfMmqW5XqR3s3mD1lzVjFf9F1kkzjxW3MGXC41gJsSkW45FF286P_BPNVlksW877ktBLN8MDmM4JmB8nW3hMwdF7MY7T8N6nhBhGTCyYlW6cTkfF6h1J7ZW3yH_Mf8lb75XN6JfMqylxK_2VBgBZZ7fmR46N812BPq7wYbdW2fMM9l1JJ4tgW27y_kX8YqBqvMsCqvS55V4-W4F22QF58mSrsVftY6q3BlMwvW3kY6Bl40BlTvVlppK_5gZWhs35C11)  * Topic: HORIZON-CL4-2023-DATA-01-07 - HORIZON-RIA HORIZON Coordination and Support Actions * Budget: 1 000 000 eur   DG Connect and the relevant entity at US National Science Foundation (NSF) have identified mutual interest in collaborating on longer-term on fundamental research on new concepts for distributed computing and swarm intelligence. Preparing the grounds for cooperation, support is needed in terms of a landscaping analysis of relevant tools and frameworks in this field, with clearly identified mutual benefit, organising brokerage events for matching of on-going work streams in projects, especially linked to but not limited to the topic HE-CL4-2022-DATA-01-03 - Programming tools for decentralised intelligence and swarms, whilst promoting the emergence of open, collaborative programming frameworks and software development tools.   1. [**Coordination and Support of Cognitive Computing Continuum research and policy (CSA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgR5SVjY64C1dqjbxW7ZSMJ87jd_7TW2P0H30179yKzW3HpwFW1N0cy4N352FNCKrR9XV13DRZ2GQWxqW7CPfG34Q4H6LW4Vb4xl2bF3xjW2_9Yyz1FB6P1W3zyJvk8SCgwyW3jmxVb5pkN_FW6FnNZ47qP2ryW83v8wq5TR_fjW38bVv981_cg0W4FtfPZ1n0bRMW5vHMBd6r3NGhW8BwX_09blkpLW6sGBRh24fYHNW8hrxTS99N4WYW1RXQ247ZKZgwW3wkk744kH-jbW6MCw3l7rxJMLW1nyNXR4-XFlwW52hS8Y25qy-LW8_C-BM17kcncW7fvpgb8HRcb0W96dc4X3M_T9GVx4qv04WwKVcW3QJL362glrMHW224MnT1mq2bDN4jryFYfpZ-RN2bMvt8zbwTYW1PbN9w8XT2m7W1bZC4k6qHmfxW8sGqCV5SPyWsW2pqhf22XYTx0W3m92Gp4W6FYRW4qG0Vl1_xhL1N6PsmDWhj4FSW4RVC3Y1Z7R8CW5jb82x4JYd3dW1T2Cj-5pm9m4W2gVkSc36Ptb-VqgPbt38XPfcW20Fb6G7MVdMGW6c5Wbn2ws5mLW4jyvpd1kW825W666JWG1239yCW5mcTtg33tM8qN394lRW9JQJxW4Kvpww4s5VSSW3yw_SX4frtylW6_wW0b33Wvz2W6nsgDc1CBL5TW8sNsfH4WTkRsW6lvJNc7xS0jmW57w9_V6pk1xqW3NtLxF56_KpzW1kDw5W54ntJqW5v7CNH2HCwNVW1Y8SLT20C1m5W7nwlBx2-fsghW7rG3QN7yqkzKW6Gw2xT5yPjTtW5KvRkY5MTBVXW24kJQK1dcrHCW3K-4Z_5MWH-6W5v6d7P812Sj6W7GkhGw7Cg9zpN3WB0Zbsb9nwW6nHH0g79p9NbW5WKdVX6sSxC8V1n2Hs2QLr9BW1P9S0H93Y_blW86hsbD797KHZVMWrCR80gLH3W7JnQf67Q8WbyW123QFY5sXQ10W3Q4N484Sy609VWhXtm210h2tW6-WX7L4RXyKVW17VTgf7zGPGgW3f3JVW8RJRxNW4Rg5p05tQ_9NW4zbhsH4wNcC6W408sst7s_MmgW8zJVgx8SXVLnW1P75Ty4wHGwyW5Z5Wz_7c_fJVW2lkQY66fZqmxVHCC1r8DNWjWW1kh83C44DLbbW3NpHH17kNPJJW6qZVGP32XSp-3ppw1)  * Topic: HORIZON-CL4-2023-DATA-01-06 – HORIZON-CSA HORIZON Coordination and Support Actions * Budget: 2 000 000 eur   Scope:   * To support the European Commission and the European computing constituency by providing to them annually updated roadmaps for research and innovation. * To seek collaboration with other relevant initiatives in the field, such as those related to the Important Project of Common European Interest on Cloud Infrastructure and Services (IPCEI CIS) and the European Alliance for Industrial Data, Edge and Cloud. * To facilitate awareness of stakeholders in research and policy matters related to Cloud-Edge-IoT Computing continuum. * To coordinate stakeholders in the Cloud to Edge to IoT Computing Continuum and act as support to R&D programmes/activities by disseminating project results and organising scientific and policy events, and addressing pre-standardisation initiatives.   **Digital and emerging technologies for competitiveness and fit for the Green Deal (HORIZON-CL4-2023-DIGITAL-EMERGING-01)**  **Deadline:** 29 March 2023 17:00:00 Brussels time   1. [**Novel paradigms and approaches, towards AI-driven autonomous robots (AI, data and robotics partnership) (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgPDCW5SZFDW2yhSXNVw-kWd4-2ftJN50zP1lz1lqtN7hlLfHDnggtW7BJZ-G9jTdHsW8Hm5H33Vw_NYW2d1rks4jtNSCW7_LxkJ5KJxgWW7TsPWR6zt6nkW1Shk233sWxZzW5ng32z72T-ByVqZ20y73-tZ4W4TvHzB8NdnLJW1VjDSb1n3jdmW3Q5c2c4r-7HgW2hnMx42mwtQHW7m9ptD5n-9c5W7wJnkz4QXhjbN4hVPrbW1MH-W3vysFM8n5x03W6rfJrX5NJd1nW96pphw7QkRWkW3NPpR91jhR5JW4-vR9d3xc3v3N4mYxQ6ds52zW4ZrYtq65cPSxW80m8d37JVl38W60WHqk73HSMdW3X_F0B2msqwDN53L6gsB0Yy9W51gsJ_50M9KrW6zsD0h4gmNmsW4tjg482SnGnxW3p8B6l2zG3KDW8RxWxF6Z-l5gW5PYqq781jyKsW4Xf8vn3RbrLbW70ZqwK4zqfPtN5-dDYhqPnGJVzd8rn3Vp3kVW2w4Hzb1p51YdW7gwGCH2h-13KN2yK5gP4w-zXW3s-QXt1FnRGmW3h1K5B429PRdW5nwTmt6DxvH4W6S8xyd35Pc9zW3jDyHF4BYwP-W2Mfhmh154mhjW7Cd8tl4_28WRV5__tZ6Nc3ngW3_S6Yk5hnT7PW2jd_YN7kQk7_W82BzlG5Jh7FSW8wGs3d8VW9YsW51f8Hr159DrHN7wvg9rLdGmVW6cfwxC7-vt8sW11T5d_8KLZsfW3l729j4hQ5YFW5BmjBY7NR0BWW3t195l6_NdbKW9bL8L53r8NNqW7GGNKc1J0_fVN5hZsDX3QPFCW8qn88_4LjhplW8SL-Tq6nwnHpW8wM-_83sVPZBN7kqFV9Bt1L9W2f7HM_2pBrNSW85YYnd2zHWyFW3bNx628bzRybW8mvncj7gJcC9W6grDTv7xHz_nW5pfMd11bf3P4W47Gm6c5FSBncW26M4GW36ynq5W8bv9MH138781W3j7ykn2lWRBMW31-LBF4sxrvpW2tLn9T4n1J9mW7HR_H57L8mDCN5GPr9p_L8KDW23jqfT56_x1kN1ZTjH6mfMXTW8VXq7j4vRQHyN6R1Fr3QCLh8W8zNBr48gP8BzW3mx4XG3t3_g7VmFj-344MQxgW1wn7346lst4KW2jyR6M5X9B9pW5m9XQ97pMCJ9W16Nrrf3Xydy03d2s1)  * Topic: HORIZON-CL4-2023-DIGITAL-EMERGING-01-01 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 30 000 000 eur   All proposals are expected to embed mechanisms to assess and demonstrate progress (with qualitative and quantitative KPIs, benchmarking and progress monitoring, as well as illustrative application use-cases demonstrating well defined potential added value to end-users), and share communicable results with the European R&D community, through the AI-on-demand platform or Digital Industrial Platform for Robotics, public community resources, to maximise re-use of results, either by developers, or for uptake, and optimise efficiency of funding; enhancing the European AI, Data and Robotics ecosystem through the sharing of results and best practice.   1. [**Advanced imaging and sensing technologies (IA)(Photonics Partnership)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgYcRW3v2c-Y1yqr8YW7Tp7c370tP76VTl90j5scQ6yW3zH11Y9hhR1_W1BZtGq2LCphlW8Frjsm7C72jWW45pyMM7CwLB_W8Y3vbw4rq38-VclswT5yh8TcVgPlyN3BCtgHW1_rwxN85XyxTW3nHy-433M1JNW69Vd5x4cM1R1VB4v1x5RhJKDW5YmgfT1gfcqfW2qBkcm8Plb8VW1FLzdz4y1NzMW4R1W3l4svxF0W65lSh219SPLsVPTpqv3HnB56W69bHxN7M8hb-W37vM-m51cCLHVHl4fp7ZQ1f5W8VPv_d8jyQwhW5dzGpk2P90cSW2TZClv3tL19kW44_m5x2-7CXZW4Z5p8p7zSKfLF1QJ21GqcmqVqclLv88swRsW6CM8C0553Y9gW26YyZv3cS81jVTk_gD171WfrW1gxlFQ9dYQNRW8K8dX12Tp9RcW1PWH_r3nqWLZW7Tc4Yc4g1d2nW1svvXP41br_pW6Y27vd9g3mHhMC7B5Ysr41LW5mNvRG3s-Z_6N54m10hm7dq5W676JXj8CyZg6W8jWrVG6l6xcMW8Wzhtv1l9V6PW2CdJ7V2qC20GW7KsTyf29fnR8W9dw35B91pf40W8CmVqw16HT0KW2sCCHc6hq1N-W7gDdtV7tKm77W2mpWnv5FvL0QW4_2l1_2wJSQWW2V4N7R8x6hHfVbq3cx6gMtKmN1QpKVdvx-RBW71t64Y7QW83pW8Z0N0862bSS1W1FM4XP5wpKLtW1WpkZf15-_5nV3zBXR6px2lRW3d5GrL935KbtW7pNMDJ6fycJFW1_6QvV180G5sW23YwZp2tBtRlW2rzlqz8xrKb9W6qTdPs63YXmjW8N381W5QrpbcN3vPMk5FHvjPW5dWcgP5ZsfL9N69pVbk1YstnW4LXnzd1PXtVsW2GF7__5D11X7W7mkvc91nDSxYW1YHxGK3qyRh4W76t8mc6wNC45W1K7jMN7qG3Z8VMQ30H4S2jjyVs2x5Y7bTDyDW23S0J-23ssBNW1HxfkN35Yr4NW2hSyg32HF70tN6MN2lYhNTrVW7ZCXqK90B7ymMZnHglQ69B7W6J5qwf5NzTxFW11wqM-5KJKk_VkFx9592TRW_W5ynGmX4jyXbgN5WDrD6BxshNW3yMyGH6Q6LZpW8kNw-M8p9gGYVJ9YMR6v_fDRW6trxxV4NkHGV37f-1)  * Topic: HORIZON-CL4-2023-DIGITAL-EMERGING-01-57 - HORIZON-IA HORIZON Innovation Actions * Budget: 20 000 000 eur   Projects are expected to contribute to the following outcomes:   * The development of next generations sensory systems based on photonic technologies * Technology leadership in autonomous vehicles, robots and sensory systems; Growth in a number of strategic industries such as medical devices, automotive, manufacturing, agriculture & food, security of large added value which are in Europe. * Contribution to the Digital Green deal policy and/or to the technological sovereignty of Europe.     **A human-centred and ethical development of digital and industrial technologies (HORIZON-CL4-2023-HUMAN-01-CNECT)**  **Deadline:** 29 March 2023 17:00:00 Brussels time   1. [**Efficient trustworthy AI - making the best of data (AI, Data and Robotics Partnership) (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7Cg-HnW4vXRmg8Mqv5tW8ZkHhv91MRTsN4HlNGjgr9FZW3qLPyJ7sX9TXW4cpBtg6sF2b-W3KNhMm86ZbY4W846w6Y582r0fW6YL0nY8n0rlbW1vDzZg1pNCprW3KhWRT3pwZYjW69Yj-P5hz3WRW21spZP5K4dCxW4hv2fY7rwFLLN25g_rK3CRtXW3BxDcG94tfGGW43VbPR2tbJspW7_fF635hN8HzW7LS0-_7MWvfdW5W-kvx4_FZnZW91r-468V-XvVW5zczTq5zJW63W7NlRfT2TnTjLW2GL56V3xxZYbW4nQnQ45l7YScV8HLkz2ckGtgW7FvZ7_3FKX-wW2h_Gbd903gb6W4m9xDL2wzTZCN2SQw5mZzLHQW7FLrGs2qD1tPW2V-klg41Fk4JW5_jN9h5gxmplV2NxfF3f-f9nW2NZr9P46ZJbhN6c9DLw4hxfGW2JyJLy8GpYQmW54mV0q7wldMGN4hxWZQJqmqxVtdZMS1DsSZcW8xL6zs9kpsrbVbYgkP7XSbqKW4ghGGT2f0S8WVXxB4f4th0t9W3gYGrp8CYMjLW6s9VR13pdTq2W5PNMFw7pQbC-W22tkyX4QslwcW5PRcX55clYDMW9j2x3l1fDxK0W91NXC_1by7VWW6DmYGl7sMnM4Vh3Z8N2k1qFZW5RKnrP4f1PbvW6Znw2n68xWP2VXtbdP9222MmW9fXCd229ck7QW9knXlM6syV7-W6r51T873CCTsW6f2HBd8vjq_mW78j3k41CK3_sW86DHmC6RZ1lHW7CVptZ298sdTW92wPcp112sT8W7f1l9L9c2prYMm-4ndWHC9jML-F2cS8sWTW6XXHQ96JfSXSW1MWFLL7zlpf5W3PV3ll74Z-vpVXzmML1h6fnCVNB0cy6r84mfW8QRPq243X9_qW5d_kTV2KN57CW90WTBr2c00tqW4031mj2TH_J2Vm32Q46mdknrW43sl-C3yyxRcW1LF6Vf5Dj4Y3W5TLy4s7l4h6DVDxfL08Y-90LW52gHc44SFwnSW6RfzGS60MpPwW7CRg0c2XKrbtW2XqgHk4Ytnn5N8sTCBVtMXPvW1PCtRP6F2npHVXhX8y7f6HG6W6K2-Zv50wQ0wW2yW84t2xTlMkVxp-qv8J_0JYW7p5gh_2Fn4QhW8bwfQ965bBQQW213wyP7KGjqxW7_Mt1Q4X3s0p3jsd1)  * Topic: HORIZON-CL4-2023-HUMAN-01-01 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 35 000 000 eur   Proposals should address **novel AI methods and training data provision processes**, aiming at high quality and reliable AI while minimizing the data needs and manipulations, targeting smart and dynamic end-to-end automation of AI training in the cloud-edge computing continuum, where AI training, AI deployment and data collection/preparation happens at the most appropriate level of the cloud-edge continuum.   1. [**Large Scale pilots on trustworthy AI data and robotics addressing key societal challenges (AI Data and Robotics Partnership) (IA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgPTmW7bSSXD4XssX_W64fr9k2KnnmmW48bZGw6xksPfW923gVP7FVvFWN7NkWszbyf2kN3yhT9Qlj7HdMvggHHsKMJXVhv2l08MSwk3W1wFtHG6mZ4jsW5LkX8s2DLXhRW5b47pR70fTc3W7t5q8F5w2KRdW224kzd9kl_XdW8fvrHd6cl7p3W3kWLgl3M8kZvW6B635n4Mw0KWN8xrXK8TnsBRW8Zdzhf1xGHyMV3ThP14MmpVLN4jGxyhxnbbxW2KMp5c2pyQ3hVlczv91spPsfW7btSFr3pJ1RkW7j2VnM3cZSwRVvz4S67QfzhkW15vzj02rDsfBV9ZQN36JsWBcW34z_rd9cS8rCW3Rysxk1c56hGVCwtQ85D7GRYW3Jd0FD3S1g6MN5lSd-x193vfW8nGnvq60TZ8ZVDnZ8_1ZzX5qW6dhcnM23LYCjN4xBWJ75f0lHV9G5y35B0F1CW8412Dp8HRpynW3gdqFP42SLBWW2LX79Y72T5mgN3t452JSt0fDN68YYKmcKK8gW47RyHW4z8cjZW2GFhFX74kBKFW6gXg7_5q3J0dW8jqZpx4rLNyhW7LF0fh66FcysW3k5rtK3p02ZKW5XzrjC2yZ_26W2cQq2N3dJ7tHVkzpfs3c4G6WW62czVL5BwX4nW3fXG8k63WjT8W5wDchB8ddyrMW319Mqh5G1BSTW8gW1cs4flT9yVdHfNK2BCHDtW1yMM3Z7LVXk2Vp6nxJ7F77C5W40CfkF6R5t8QW4yw4X-6gVt9rW8V8R3c130VNqW3vTPTN6BCmwhW3qQ6Jm8fm3VtW1Zn6fn8NMXV9W2FyXSb8FwhXWW63dQvx12gxt5W1TXvjX1HCYmDW1MB8tG5m3HmVW2Htjh52VcSw8W4Dw9JK22H02kW8Mm5d723rrDbW11H0J55zl30MW1Sn5xj7N6cYfW860lsK8J1GWcW90hbvM4Bcvr0W3H1y788BqFGDVrsflR4VJzZVW6YZRCW84WfCKW8_CHS43rnjR8W5vLwRk981DdmW6HP-lM6fBtzPW9fhhpD7QnBxPN2fVc0vdjS6mW21nhgs8ng2CXW6t15QH41XTbyW6XSVrH4ZNtc0W50h4f15Tc0R6VCr9LK29jmYTW6ZTVqh5tDvVgW2rWxMt247jbtW3pj_vV3NYsNsW2k9ctG3fnXRRW2JBJ8w3d0JyQ3lXG1)  * Topic: HORIZON-CL4-2023-HUMAN-01-02 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 24 000 000 eur   AI is key to maintain European sovereignty in major industrial sectors strategic for Europe. Human-centric approaches are key to acceptance and to ensure safety, security and protection of fundamental rights. To assure safety and human acceptance trust is mandatory. **AI based solutions** and tools can boost societal wellbeing and economic growth. To promote their deployment and uptake, there is a need to test and improve their robustness, performance and reliability in real-world scenarios and on concrete use cases to identify and overcome barriers to their deployment.   1. [**Natural Language Understanding and Interaction in Advanced Language Technologies (AI Data and Robotics Partnership) (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgRWQW4j5Wld5WnzxLW3qtp886MY6N9W8qLMqz86j7J_W1J61ml4Q5g_ZW5nf-kk3cDx6tVk-fq7603RT3W56DMHy6D_FXKW693LCP6M8Rd4W4Wd3Hy8DpPNJW8FzNNM1KFnCBW3cXts_4dSJ9-W4t4z2d7HsB93W8S2H4C3g8fCxW6Tz43d20c8r-W9j6cSd4YftJPVj8msh1mzx58W4QYBLd55qnCWW4l-yBt6lhjyyN3TV2x4KQk5zW848rhb2FHJmmW4DGJsk35M1M2V4cs0k2w6zcdVyQJKR78_64zW4mL-HH3ZTt4jW28FL3l5qd_NCW8Gr4zw3xG-6_W5kPhG77-wyXrW2kNB877g7kFhW7tRWfg8NX9VmW1TwNWd2wW89BW2Jt4sf16b0Z6W9bC02l7h0LRXW6mf16V8lbr4VW55nmtR4zVHfPW8J_0z-7nJSBHW4CpPyF1C3lCmW1cL5p-2CcsJsW6yvkC62QKN9hW4tyv8M3gQLFCW8YHSNB1TZhBHVFJMTz4PbB6PW26rjgY8vLflHN8vZlqxRw2QvW2YgTsQ35gz98W2ynDtn1X_lkgN7jYN6Mhdk7CW2_0lFk4clQgqW3-N3rM4MnYgyW796FC895_tl7W8Z43ZX7HB4Z0W3CMtz57Nbv84W7qDwvD391nfHW76cf-n4rj3jyW2DZYdj4Ljz_bW3-qzB42_5Z-1W2Yf8fh6zvd6QW8CJchP7Npfb7W3HhZ4p1xf00RW1cyqht4Ph47TW7qkx0s4ZfwM5W6dFCVv6TcXxgW5lFPL04Ss5-YW6BBRbv4MHMgnW8c7TNn7dd0wtW19VsTn6wdHS-W8BFR5Y8F_04JMHyFPS86xmQW3V6bh-6yPWXGW2CYMPK7RTPm2W6RVMKN4wMwjqW2sv0Pb7wQ_vHW6SCt1f1nBL4VW2f6VVw9hm5bSW4x6bZH1NLWFqVMgVqV1186L4W4xtyWX4TS2X4W2n4gKs8WX3lFW83-9PL6dPzXxW98dbrT8Z7bKJVHHFxb2n0JPmW56k9bH1j31ySW35j1Dg4qgJk-M6cr0NPd0bpW4mwCMl8DNgH9W94p8hh3XXDsBM9DDvbqqYWGW7xb5bw285kLyW51V0628Q7CMRW1kHzyN35l8PMW82Ppyn3lY3mJV7KNjQ8NnW95W5Czm6K1c3Fq4W3KL0S-1hZ_M-W86G7gd7967LS3c9w1)  * Topic: HORIZON-CL4-2023-HUMAN-01-03 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget: 20 000 000 eur   Proposals should involve appropriate expertise in all the relevant disciplines, such as data science, computer science, computational linguistics, machine learning and natural language processing. Particular attention should be paid to control gender or other biases in language models.   1. [**Open innovation: Addressing Grand challenges in AI (AI Data and Robotics Partnership) (CSA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgN6JW3yWLqS5bdRrbW2BYnYs64f24FW3Bs2SF4R48GJW7Bd8nz4DCnpmW8gXT3c4RL__rW1v0_YF5nCZWYW97kkVD6t-pVbW69L0SB5N6QVrW3Sfb9c6ScDQgN7Hz7B_fVKLDW4jn7JL8KmgZDW4VQlzF693LN8W2cMR3_4J1c7qW7XHH772k0_lCW5BkFLy4ZwJgwW32F3YC3scTfwW1WYpxJ3dSQXmVqr1qS29QS_MW1HbJRc90Q7J5N3PbxhQy2mNwW3x3sh07JCpQhW5Hj_t52FtXTZW3fPZPN2SPWHjW74-_ZC4-8-TZW5wrn1x73W4C4VY6V4t6Z7kJsW5rqF0F8W60_RV2cwTQ7cK3lfW3B8Dcs5pqtmFW2Mvj_f2Sv4nLW6Hwz938T8knSW91KymG3skhQvW2xknxk63szz9W3fgyZK4FLRJPW7Q4sXT5yXQ3zN51j6c031nHqW2hj4rq1K-D01W4BZrsL5h6GhdW7sSDD02wYXzSW3R1KxY7-f96hW55t57n9gBy-WW7VTXg-7fmFSGW7PVvWD3TF63DW2KX6r93vqD51VX097p3rs8CbVzsR218r-7CqW7BQqx47sK1JPVB7lys53CX2gW6NCk85755sB0W1Tgq433FHDsFW1rT6gF4cM_GrW5VPwp-4mt2hXW8d_qd81p3LLtW2CBhGY3jjhB9W67jCDS5_mYjQN1n8DDL_QhVrW3W9c5M6YmHmdW5BKSjP6fC7RJW56mN8n6TjcN3W6YhfpM3pc3_SW3vDn8S15wyR7W5bQ2B13NZBG2VvMZVP4ZpsqnW6fbmbh92sJLBW5By-qG87BRPmW2FK5Y_7t_jjGW4Sm1kh91mhvsN4NYKypt1qkZW62BK1C7mZrz5M2Snd4mzpCwN9csF2VcgQxtW2lgXZH3ShyBYW721Dvx6NGkbkW3pK3J72nGFr0W1Z7L-f3fms8CW6lbSHL3bzVspW4XkRQV4p7Dt2W4cKMft6_lt09Vn3HVz3XrDCNN1MsVj4T7wfHW8y0LD66vZ2GCW7TF3tT1svGtVW6Zwl9N2m-y09W1BCsDD6jDZhCN2wWtctcsKwNW3xMZ_j8NyyPxW6WJJR28YW5XqW3nGpvS3lpc-RW7dchpm1zTRnrVlRcK68hPJcpW22J10Z6fmHCzW61XxfS6xNnC6M-zzWPD8ff_W5VJ_WG1b8YdN332Y1)  * Topic: HORIZON-CL4-2023-HUMAN-01-04 - HORIZON-CSA HORIZON Coordination and Support Actions * Budget: 4 000 000 eur   Proposals are expected to organize open innovation challenges aiming to bring the best research teams across variety of public and private organisations that try to tackle and crack major S&T challenges in AI by benchmarking different solutions. The open innovation challenges will be bootstrapped by engaging EU funded projects to participate. Newcomers, rising stars and the wider AI community should be able to join the challenges, giving them the opportunity to benchmark against prestigious teams.   1. [**Next Generation Internet Fund (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgS1JW6_3XcP15sBXSVrTy9f95KKWwW98X3cC1VT9ShW7N0VRL5XjMBMW2TTcQ920MRTxW7S6rDr9fkbLmW8Pmd_x2TS6YBW5cPLDq1bgMl_W2RzTfF2BfBn5W7tXzFt7qfphkW7VpR3H3bLh3wW6VDSJV90DJnHW4wkz-_7twGHcW5BxHl15bw0_PW2J8wS_6SYBMSW4q9bs37_yBmBW2H69nB5zZvP_W1GLf6w7X0NdzW4l2nhf7r9QgqN36dlJf2N_TzW6syYBb66dwc3W6Q99tT3cbJ8jW6H9-9n8-qFYBW92tGhl7YjgHhW6TQtx-3J7fYtV1tmPt86j9XtW8hHk0J7ngFdlW7FB4vv4rJBqMW852q2W1y_3s8N44ncPZzC2V_W6yhVdy968WLfW5Ywgkn6-qrSsW61YjnK6xK2q6W8LTGY23n64R7W5b42T51W-5YRW4kxH3n59Qnq-W51y4qJ4x535nN1QQlXPZB9mwW3KS_lc8jMG5MW6626nf2NgWfRW5lZg0Z4zJhLZVhTsc46sn1s1W51RPsk5jV-WsW8SRNdC33nYWYW7q7w172PskDLW83P2ZY7zk8JFW7lK2pl6NCTQLN6dchfFYHlCZW334__g35p4FRW7zWdfD2SvKBCW5_R0hb5vTMpcV8q30h7hydlkW2fM98m2v8h-CW6ClmzZ6Rjkd5Vq9Ngl191V0VW4Ycwk366lr76W6Y_Pv184g21_W7wz-8R6dm54SN8H5GKSmzgWWN5-y0sBbzCvRW1Csb9s40M5CcW92cJlk4yGFmCW3M4GYp5Zw67gW2rxJWT4PRK-HW5j6qs28nsnx9W53Hn-x9gHnbSW1rCLbx2W5-pLW5j3ppy946J6pW68D1-3332pV4W3FVNS92Mw804W5fL_gt2-v4dmW6Wg9_F1-vt7DN9h3c4w5MSVYW7MJwmN5S0WSxW8CM8Bp97BGwJW2YJ2Sj4x035WVWh0Pw7k7LhnW7MnwqM7-FdnwW3BBwsc137j_bW5YzljG74F7krW4-9GBS2psQ9PW3dm5sd2FSGv2W1fv_FG7LCsGBW2GWt2M2w1PH_W17z19-81HC11W82xScy3gVSzCW426YlL8hfRjCVXs72W9cSXB5W8JXY3s4j_SkVW7szl_c7NPThRW7hXs9C2yz5TBW3--4tk5v6kCnW8yZCVZ2g7vYvW4s23KX49-lJR33TF1)  * Topic: HORIZON-CL4-2023-HUMAN-01-11 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget : 27 000 000 eur   The general objective is to nurture a structured human-centric internet eco-system by turning digital values into motivating challenges for top value-driven open source innovators in Europe enabling to create, mature and grow new internet commons. These commons encompass the whole internet stack (both server and device sides) from open hardware, networking and transport technologies, firmware, operating systems and virtualisation, electronic identities and middleware, decentralised ledgers, software productivity tools, traffic supervision tools, up to over the top internet and vertical applications.   1. [**Next Generation Internet International Collaboration - USA (RIA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgKmgW7WWL9R1nF9Z3W6gXss9115pG0W86866J6RbVDBW7KL65b8DPnzKW2hbMSV3h1K_zW22V9kj5fzD_4W5y458x76KpCCW12bBvf6dLnn3W6HMD2d7w89LpV67Q5q810sX4W5F9hkM8LsqwdW229brD7lnXh6W7mpw1H2gGkcLW8r8_cS6ll22TN1tTpqV2_t3MN7pFGJVsL-KXW6V_T4725Hmp4W7znSGW1-WXDFW6RfYh891LRMRW3Mq2kv7f_N3QW5XGb767LY7qvW7JfJ9K7mcf1tN1W_qdCK8s1-W2w-5nj4-_9zsW952JLT7SzLz_VyDpv41mBjZMVZgCxw7qNtzQW5M1hpg6fjqb9W6ZrQR_5t-J8jW6j2cq-2VpJGHN6jh26wJrxpyW8Vr_YP736qDXVlN4__3T8R2VW41c41J49_RykW5dTjG-1SryZyW3lX7bS22JwCJW3n9v0w2sBFLqV7dhf98qSS28VL6vXd3CyJ9vN1wTnwvXC6hCW2yfpjx2g4C1jW432lwH3nBnpBW54QPLG6306QDW2QW9FX7Sdt4tW8W66D76rHV2QW6j06Dm2_SjYQW325c4X6qpDNdN4G74GTPjLbBVgY0Mg6ZG8ksW5dhN5D3cCXqWW7jfYWr6kznJ2W10k-j024X0pgW7whwrt1xQxFbW8YKwf23-7y3gW5027DZ1GDWKbVpK3FB2rk9WMW86ngwg4cBStzVNrPr43T1Q4PW5t0ZyF3q3h4KW2DW3RS8FnD-pVnc-PL5w9JmJW4Ms9Jy6hJrmpW8Psv7s4x1tv4W8RZy7f4r8Lk4N8_zh3VwgnXPW13FHHh69XKX5VnDXZJ27RHkfW81j9kv5r4_rdW7zmDD25XdC_pW4gpddl1dyyjZW7dp-Tp54297lW8FwlHF1g9G5lW1_q_dp8lNxz7VJh2xY3mpcMrW4CrbTW7QNgLHW7Hqmxg7JL45HW4zyfWm1YtGJSVqQdYn4pBCkyW2Pzm1P7049q0W9fymq15KJDPcW6k_j6D2wmFxnW4j80YP4Mmy2SMlSDbgGj4mmW1l_QCJ96z7zkN5Cd2vTdVrZXW4hSbxS7GNSsjW6csp9Z1lCj5xW5SPPjJ7y8g6lW7Mz5Ds3xx5vYW7HQNYL8nbcn5V65pqY2xB9t2W5cDd5f596f3gW8g88P58yqFgBN372qmM9kRHN3fQ-1)  * Topic : HORIZON-CL4-2023-HUMAN-01-13 - HORIZON-RIA HORIZON Research and Innovation Actions * Budget : 4 000 000 eur   Proposals should organise open calls for third party projects involving EU teams together with NSF-funded US teams on emerging topics for the EU Next Generation Internet and corresponding US programmes. The thematic focus should be on trust and privacy enhancing technologies, data sharing and portability, sustainable and climate-friendly internet, electronic identities, internet architecture renovation and decentralised technologies. The third party projects should focus on research leading to advanced technology development, and may include joint demonstrators and joint contributions to standards.   1. [**Supporting the emergence of an open human-centric Metaverse (CSA)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk41fczJQVcSFcQ7CgJPMN249lk-k-XntW8RqGdn1_JJLfW8QQhXj5G7s-jW8NK9sX2sJfy7W33KXlS7SMbxnW376R7w5D1zQYW6p7mjj2HqjtSW3hn-XH62MLjMW4Khs9t3K6jK_W2_6TX44q9Jw8W4849Cq53SsG-W3c9ljj162jxdW1yVNHw5RbyLBW1wLdd-51dJ7KW84p3RL1XM0nqW7-5v1n2gtRS9W78VYNX37-QnKW7sywpj46h-qWW20CQ-q4Fv1d-W4bxmXx4XlqPsVhYPMQ4SGNVXW4Rsj8Y5lzrVXF8qqdLYWwGmW1cr6hh6mrvt0N4ZW6vCbGww3VbVxkf3sMr-LV_QnrM1Pt6vNW8qB6L04zhMTFW6M328W64dK09VW53bb3p_0t9W69Jk-b5C8SdNW4JwnSB6Lxw0nW8Qnhvw2g8FKXW28kM-W4VNVZxW3kWTRs8vmjR0W2DZB2n771yzfW55Kzbc6t9_D_W2kRBhY7rZHswW2W7V4y1pqwpbW13XFsr8zf-x5W5BC7ZK8tZ8KLW4JQT8T6s4SxdW3RF_423cN7JGM2118v8MpTbW6hrhpN90kgbbW6-8Vb23vfc11W4FZ_Y-8rL9jKW80qVM-5rDHQdW7vwsXf5zdpM5W2Spskw5NKFm8W1b45FJ2yHsRvV18g0k5NQj3yVHssJc7KZHlvVZ_6B672xGBjN861J5GBj2G9N2qWBCZMLwYcW8y8PW848Wbr4W69vg7l45jghFN3XcW_lWgVjkVJF4m-6xb-D-VhhgbS2m3n_bW7cmD-B2VQzNzW5T7hXt3h-hlzW15JqQJ8G92mtW6_S1B26wvCSqW9blhPN3ctJ1jW7sB9n-1TYZblW7MD-rt8cgSl4N2W8R9MflkxdVrLS-t5W-0_8W5tW8nw1J_nNnW6bTX0v92hLVcW7_XVhr1fdQQSW2qbwr95LHcNLW76FZYx38kP9xW47v8hS5nKTDYW4ZJWlf8Wx1hGW60TvkH7V4fXvVwKGy680sRXvW67HxK06d191zW7CVykD9cH10lW5C5fvk3WMPl8W5rbwMs8qVQtCW62ybJx7p-3NPW8jyHcv5B7-DWVyYBHY3TJknFW5gXLCY6nVZ66W8npzLK4WqSPrW89Mcnj6WSbfRW39fw0T5yGH9XN51NG6RDK1KyN2RGS6whgSvBW4R7lhp571KkGW3R3jSc7hkgjmW4BMKrm3h-ZGQV2NDfF1S-dm13cBN1)  * Topic: HORIZON-CL4-2023-HUMAN-01-23 - HORIZON-CSA HORIZON Coordination and Support Actions * Budget: 2 000 000 eur   An acceleration of blending of the real world with augmented and virtual worlds is giving rise to the Metaverse, an online network of immersive and virtual worlds allowing people to interact in real time for various purposes, allowing a seamless blending of the digital and physical world. It offers an infinite array of possibilities and opportunities for many industrial and service sectors including creativity and arts as well as for citizens. At the same time, it also poses significant societal, regulatory and ethical challenges.    **A competitive health-related industry (Single stage - 2023) (HORIZON-HLTH-2023-IND-06)**  **Deadline:** 13 April 2023 17:00:00 Brussels time   1. [**Expanding the European Electronic Health Record Exchange Format to improve interoperability within the European Health Data Space**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgDSkW8dsmjQ6-HDZRW7bssKN3C566-W6V042y9lkZqvW3YQzsh2y1HkKW79dmlP99XjpNN9jmqSLh6KT9VKv8jL5LvVWNW3-Zhxx3lj_XPW8YYCfb3BVbCbW3HW-h629RKz0W8-BCmh10sGjxW5r3v3c3j8c88N35SXlfWCtQKM1w7Phhv_D4W16w9S786ZyFRW2sthfk2kJsmSW4FPVX22J5mhrW8Q2MSx4qYntZVvd-G686bsgVW78qR2272P7MXVBH7j54NgRWcVjkxTT1Q5Pf8W7XgjLW2mSlmNW90NyYk8QPFxJN7nF-wCltg6MW6ydYrz3gTpckW3JGH3S45t1qdF82FCsRfS3tW4Y77MN18yjfKW7D3y5-6fZy-cN2CP43_3L0f8W975X_x7SRyGSW8vB2Qs30xyFvN4hWGC0Zr8nZW3s7f1V7yv3pjW80W-4Y5WB8sdW7nN6H03LdV39W1wnCjZ29S4w4W5r0_Yf95nlcSW18MMQt2qBC-tW1F73TH69hH3dW7KYSym2-vX6JN2lH6xvKldVjW7dSY6m5V4QxPW7fH_b0128XCFW4vr5YQ4_p1C_N2BMbr64tFH1VQ_yT58D-y3-N3KXfH9q1D2rW6mL-Wp3F93zdW7_G4nG5v813cW5twMFV7ZVT8LW8nxbzh5T93Y-VZbSVv1RP_K8MNM2fz4GZYsW4c6YM42hqxD_W3tvckl3_9v4gW7zPHW98h5dhBW4mRtk19bP23YVKBsrR8sP_xtW2H8fQV6gdCBKW7jYgls56p7ykW935K7d2l5tMpW3ZsSvP5k8BrbW3VSmf992PhQQW2nWkXy1Kq6fMN22Xsm-qgm11W4L3nZs8Bl-43W9c9HGc3nkmY9W2sVn6j3vJMJZW8C3xDP3l34DbW65m9KT7jfNrlW5HqqQs5Y9xY0N6hsmLw3_mxrW2dTXtv5nqn9zW31s_cv5P5KrGW29nCY82GvxVHW70hC2h3DsyRkW8YWK9v2g2LXMW5yH6S51ZgtJTN5Qz1sNcXB_XW2xJ_gr6Y4HSlW8Xq11q5lQDr5W3TjVtj149lZDW40Fy093CGBPzW8pQThk85RKqfW54vG9-4SVzCnW5sQHXH3vt4NGW3PVY3-2Bn_rhW5bymcs77CBg-W3CZGP_5fQcjkW6Lb3KD6hHhNv3cBd1)  * Topic: HORIZON-HLTH-2023-IND-06-02 * Budget: 8 000 000 eur   EHR interoperability has yet to become a reality in a number of use cases and health information domains. It is a complex, multi-dimensional challenge. EHRs across the Member States are diverse; so are languages, cultures, and practices in the health sector. Different technical specifications, technologies and clinical terminologies are used, involving a range of stakeholders, within and across care settings.    **Tools and technologies for a healthy society (Single stage - 2023) (HORIZON-HLTH-2023-TOOL-05)**  **Deadline:** 13 April 2023 Brussels time   1. [**Better integration and use of health-related real-world and research data, including genomics, for improved clinical outcomes**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgBwTVkkW1K8hwgrjW41hcgw755Z1JW4BnC7j6Y4GCJW2GylTk81X-JNW3lDjX52MdvW0W8DmxQF4cqWf0W3QV7ql2dNFzfVGhxjt1cJlChW8HX7kw5CVCNTW44ng_r7rFBJnW8Qtl922Y83NNN3D2b-Dxz_MvVldbz51hWRZxN58WmN7dqzfzW6xMFfQ88DDv7W1V840S9lZL4hVfX_Wm1W-xv7W29GzRn1rwv78W7H06KL443DXQW6KVd678hY0jtW3Qt7gm1vZcY9W2xQWNX897hFhW5hHxg81XcS3pW7QDqJ18HXRXdW2-wRqP36NmYCW34bmw_2cJKmKV_750W6QvPF3W3-Kbpc3gk7DBW8sB1c-8H-Ks1W6n5t1K938YfjN6dLgQy_VvG1W3gyh7J1g9DjlW42JDxW5LQML-W3VXRqh2vvrZPW5znsvn96y42vW759_CH5pDz8pW3WQ5gR7mCSXZW6TMV7m6-yQw1W1wg7Jw5YR3ckW5lmRHD1rPPrzW9kL0Kt5yj3GCW2zKghD4w33cGW8q6tQ22BtCCyW8VMtqP83BHbzW8yDJ_C19DVKsN7C5B0ySZZFJW5mmkdB89Jc40W4B7hJs3fnC61W7zd6Sd1q8DVTVKcwhG44hXw4W11PPc36R1Hx_N28B_JbfWVM8W3Gn0db94cKhJW448PcG6rTvLnW8CZDFx8kSvNnW3pZSDF2Ls_JVVh6yG66Bsc0jW3tNNbl2PttPyW3gBh491lbdVhW5MGZNb2GRLbvW2_bDcy5JhHQWW5Y1sc67nKbFdW58q3kc3cDrWmW7rS1h549pQ_4W693Z5D5CxM_2W7ZdPFD2PY14_W6kgpzL61Ytx8V3pcZK5jwKwcW3MTG6Q3yPY1wN6wyg53xG47TMzLHGzc7ljFN4mhN3qjjvHNW3YSkYB4d8LcrW6p25sz45cyx-N1b0MGpWPydgW3rPBLx4yhRk2N7pKpXGKtfsjW9g_tgv8ZQqT3W44LLnX1lvm5LW8WJpGz8QL2W8W8QNShj1j_KQqN9bb2dcG0GfSW5vDZB385FJQRW5Nwtv899z4LtW80_frN2K2s8fW4y6JvS6VsVVHN1HqcpJlpdsPW2RXsNZ74GlDVMgqS52RHRJHW24DtlY7Hh__kN1HYfJFlv1R8W1gZj4-7tyyhLW744Pnv5yqX9tN8BntWnbpGyz3f2S1)  * Topic: HORIZON-HLTH-2023-TOOL-05-04 * Budget: 35 000 000 eur   This topic aims to support proposals focusing on the **integration of health data** from multiple sources (e.g. electronic health records, genomics, medical imaging, laboratory and diagnostic results, pathogen data, public health registries and other clinical research data) by linking real-world and clinical research data.   1. [**Harnessing the potential of real-time data analysis and secure Point-of-Care computing for the benefit of person-centred health and care delivery**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgG-CW5SJ88Z2W9CTyW44sXY21qK6wnW6w3ZbB2FyrjfW4F0VZ263hXHnVKcrWR4WMQs9W5ThyK523xwNBW5CD5tM8HZc3bV1YxcP1yY_WGW9kf1xZ827J38F1c8knrsGRMW8fzXrp49Qs8VW7zhjpp7RfPX8W2Lvkj-1_GcR4W93CwZs7Mny6nW2yTw3z4dSLSsW7vZtkB2PGQNdN3mXjGZb1F7SW5NsgPn1fThqYV86cDf2GkZgHF8GyzB_zVxDVlkmst9cnCJYW8kjgMB1Wl0WkW4rnHlp3-ggyfW3tJxKr2KRP_PW4y8n_Y3d51d0W67m5B82x-NqVW3yL3jd7H7_kjN10tyPnxXnBBW5FwDqs8yzHysW99Vmzr7jb-c7W8JDG8P53qjtXV5kRww7lZqm0W3rkY015XWyrzW4HsjkK5qBwJQMRKBC5DgNJrW8WzgWf7CYLD_W44zL8L2BwqyNW16TJ9H250s2CW6jS0kW6N-qqZW27v50G8wCXmfW1V-g8W48TGp4W4q_DC-3sPxqlW40DVzz6-522ZW8MvX8C8RJCsyW49kZxZ46Zj07W5qSrQh72q0ThN3YNJZ9tzMkGW61r6ld8mKWwnW72N20Z2mRySnN2mpnH4W1GF1W4CsHNB6XxSg9W1tckFK6Vp7cNMbr8qYlKjV9W1VXgVc2vbnlGN6q1zdswghz_W7JJknH2ZTvyfN9lTVHgSB6QhW8ysWj93PJqh5W4BN1D84v5PfDW6LFHGl1tw55JW3kxTBk49DGSwW4GHzM18Rm1P3W4kCYL75_PhqVN2gddz61qY2wW7C5qDF1z1fSQW8dWd391NlpTpW1yhx_W7WzKFMW5m46cY5tJ5DRW4DWx-v29BvjkW8MLXN36_FJRkW1-WnLr2jHBNDW5cvPgD86l-wJW8NR0vm96VxPtW3LXwpT7SwvW8W12grNY8kq0BqW6cW2F38wR1p7W78VRYV4W-wmzW4NkkTS2dxc68W3d64BM2K04GVW5GY1Nk7tlQRkW926kfm7xmLkcN4KwhcCCc--nW60XL8_1F6XYDW4sTBML1CTCkHW1QkZYT1Bgkh-W1gSh252LPvfmW91nHTt4QDkLMW3hxjyd2RsP-9W4yMg0Q1t_bjsW85NkWb52hFTMVPp3Sl7K0_CjW1Q2mfM8dCY9-W4658DQ5pz7RLW4_7jqS8ZwS8q33Gl1)  * Topic: HORIZON-HLTH-2023-TOOL-05-05 * Budget: 35 000 000 eur   The proposals are expected to develop and test innovative tools, devices and systems for point-of-care applications, including but not limited to **robotics, photonics, bio-sensing, artificial intelligence** etc. These would provide clinicians with real-time imaging, data analysis and interactive visual presentation for understanding and diagnosing diseases, facilitating risk-assessment, prevention, and carrying out medical interventions with improved patient safety.   1. [**Developing a Data Quality and Utility Label for the European Health Data Space**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgGFSW3YmNW47BW7byW8484yx73QzWNW8hw6TS1FzY_xN5jxKn6Kl6rNN6v0rG3jsl3YW8tlf_t8TxWVPW5P09b343BF_jW7hBJtn7L1js4W5w7HNv8N1W5gW7BmN7J1VNJBwW73xtrJ5_gjRMN56G40NVrZTnW1pJfcN436KfRW7HkX992ffKzsW8BbJn620b9-YN5MJcfMG1RySN6w4pFK9dSRvW8Yqp5z5HSq6yW78Crqy2cd-PgVBCL2F7XcNLGW6bn57Z2ZJsmkW5n9WWV5NJkM_W5pQgB86RVf5DW4cztvq1kMGZJVGGxsH3G0J2lW4WLMyx6wlm5HVVSbTs1LdZqDW5pphHq4tcfgjW5pZRFh7TsBwFW8skYYD4TbTMXVnr7Fz1dpN9cMJYy9HGMG6CW1xTKG97cJ0b8W4qvXZh1q_n5rVDJ_WR51DdZ7W371JSt2Z1ZQpVzd-Sm3rY7hhMQkzrFj4xX-W6s4qRr975RZHW7__YFw633L77VCcww79kC2jCW1ttS3Z7DF1FyW4DHJcn6NPJt5W7zl7dG63kmrHW7WKD781KK8RBDpk4B7k6g4W56FGgT6wtBbHW7YL-5n3TCdpTW8jcB5p1_s8MFW2pV9_w1dc_pQW73QN4576Rtn5W2KnwRw2Yy-v5W1JKx7160YFFgW6jQxPj2frBszW5qjlPM21pK0nW33qgrN86l69YW1117_g81b6JgW6p5k_K3hlrcmW2jBVFt81BqmJW632tYM5cT1S5W2WCZr01XQWwgW8zrxBq60Zl45VYM9ts42nXWsW70qlg92vjg5WVCTqhP8rh9pRW5StmKB2gQ9VZW8HJCJd3W2QskW8S-H7L7twndyW99JKtx8ZsY8zW490H3t6Mp7M4W8FLd_V5-gNWVW833wrd8sRbFsW9850dM15B3YYW4MLXXf6DY64mW9l-GJ91Z5MkdW6-bk4_6SFtlFMfr4tmhLtB1W9jcz7X4FQJZzW6ssj5951MH1zN6yCFF_SBcFkW5skddy8Qvd9mW85Y20x4tx-F_W6ll-nj42jX1QW1--SvN9fchRDW1xF55s41gpZzVg75cf3ydNqMW5KNMz010M28HW50kpVy8YdpTcW8PvMJQ4FXQLXW3sLHYf8pGwRHVP8rSG1QWQ1MW8rYmjl1YB-64W8H163_2bgxypW1KQM5P4qCJWd3cQV1)  * Topic: HORIZON-HLTH-2023-TOOL-05-09 * Budget: 4 000 000 eur   To support data users in the discovery and selection of datasets for their purposes, there is a growing need to develop a data quality and utility framework to articulate the characteristics and the potential usefulness of datasets. This framework will also support data holders in identifying and addressing areas of improvement which can, in turn, allow for wider and better use of these datasets.    **A European Collaborative Cloud for Cultural Heritage - 2023 (HORIZON-CL2-2023-HERITAGE-ECCCH-01)**  **Deadline:** 21 September 2023 17:00:00 Brussels time   1. [**A European Collaborative Cloud for Cultural Heritage**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgHPyW8mCV3F8ylX5wW5cyd0g4JtC4SW821X7T7lM-30W35lW_Z8K4dWBN72ZwPR2WpWZW5c20hN8_1TWwW2rlD9H2qTW3VW1m0tKf8cxQ21W7Nx1ql2vv2m4W7mlCBX3m3s6jW6_TRFk5lmMXsW2X_5Kw7WGC5hW81ZjK4992ljvW8vys202jRkhpVZbm6-1JrWnwW16t7w36CVkR2W6F6QvM6lgbr0W1N2Tlw1fwFcCW5SzGMz8tlX8GN5BjVB5wf0QgW1D_pk67kNdbPW75Dz9Y15Q64jW6CpYvV8_03KMW5F3ZD84YgLl1VbGnXZ3XGzmKW14zbmB7LGNx1W471DQQ93DsqlW62MgMV2KPsFYW4w159Z46-htRW74_ykp7htDR8W1q6y_37sYK39W35FlqZ4mpbQnW4z2Tjl97g8vYW71_3y77bb90QVdLpYM8nl_RcW1b8xjM7V8PLyW2rxvr97s1g3mW6psKBh95s8WKN5zZwTzT7xt8W1w5HvD6kxKv-W4KTVb32GpRChW4Z8cv62kNFy2W99qBCJ8CgVv-VldrJL58MZPSW71s_5k7zs1-TW7ZRJxB6mnHSfW5lpq967R2dN_W3WlrnG2_3hBqVPmHnJ2XNH_-W1ywPH588ShJwW2z87PZ8lLcTcW7t80dG5_SKZwVx4QpZ4Y_JMxW4MVx6z5_FBYpVQ6ysL83nMR3W3Xh6v68TTXL4W4JTxrL63404FW5kQ2112y0TbpW7Wdj4Z74CLsmVVX6n-19cqlHVncvKz5llfLgW56VsN7210Z8RW7rZnL_1GNz9qW1GlFqz4BhRFwW2yQhgV63XlTfW7FlPzf6wF_kXW3NL8826j0NgZW4szqsv8WwBQfW6ZlFrF1RyQLTW7ClXmq84bNj6W5JxGth1ZNjyWN798629yjbCxW6JZsdG80cQtQN8MX-NNF7HJ1W2Rm65R4gZ016W3-LwSs3bg4FgW8sCzy17kCrmXW2wnz_g2mSX_4W1ZFhPC4v5R8pW5WWBlT3sKs7kW1STftg7BL7nKVF9QKW7ym5LPW9lFT8n1dPs7YW8nyklg3rDxg_V_0ltm2_4tX0W6t5d6C5y8GbSW8YSbJ96RlkNZW2SkXxR7gR12VW7Fpv_v2H3MZjW8zvlsn1zNSdGW2Vb-br5nNFCrW973hx24l2fcZW20hxR833Qyx6W3CpZl-4ZfR6s34XG1)  * Topic: HORIZON-CL2-2023-HERITAGE-ECCCH-01-01 * Budget: 25 000 000 eur   The overall goal is to define, extend and accelerate the development of a platform for multidisciplinary and multi-sectoral collaboration on cultural heritage, focusing on users’ requirements and ease of use, as well as underpinning an open digital ecosystem that provides the tools and services needed to enable and scale-up future research and innovation in the field.   1. [**A European Collaborative Cloud for Cultural Heritage – Innovative tools for digitising cultural heritage objects**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk65cf1dJV9V4KD7CgM0HN5pq1bg5s_XJW39HkrG1vxtsvW5QWqrp5ngy8fW7Hwpbr2GGtQ4W2dvTq-3lzX9pW4ZrDRD6g_sNkVZR6KP2qRlP8W4_mVqD8sMwmnW5PSLp24GjjpSN29nVVTLlfm_W469y_24QHdfXW2LDgMQ82qYw_W4YbmmR304YVkW2Z2nFT4p4xwsW8k5Z_Q4YhXC0W6V6M451wcVLYW7DDxt_1s_DxZW2wvCvt2bFmggW2BhBjT4wk7V1N6yWVs0CkcFzVGMydX68WxW8W4gJYB38GwNVwW66nF3Z66p54QW1HCbyJ2VNnM9W4WNtRW8XwY-NW7cTLdg6mWLH3N72vblgwfcRJW8DqR3f4cqQPxW7CJybK3vnr1rV2qwCD8d7CDtW5prP0k5j1rL7W68NW2m5zpSfJN4P_x93jMyR7W6dPHxC3Yk7FzW4r57Xq4Kz1gsW8pXht94ftPbJW5-gVcx1CBTQ5W20H-208_66-gW6VnWk125K3CKW92wX1R4Zn5YMW6X9ZHH1tBmTZTkVDM5_V4VSW6fWptf4Cs6mwW2mvbbh1ZnJJ9W28CxWv6Q8qxVW2S1sR76d1-TcW22ZSYQ4V8xXHMzSmxnvWbZdW3Jg9xl4qC0k1W1LlT7K6wc2fPW1M01mX82D2g1W1SbfM912s8sNW3vZ0yx3jjSYKVQ-jcT8f87K0W54dwbV5lvmhVW4h99tL6k18mCW2rp41w7zvH1yW8qqnl26Scf_BW7QxkTp2CCcHZW350wLR88JfJ0W6X_n0s2dj_BCW1Ncs1J7KM25hW4npWKX6qmw69W15fqm66ckVQlW8f0bfm3g2H6XW1JG8f_8W6tTSN4x5Fr8_nkyMW3fT4V04qGjTtW9h0wMM47J0MFVHdwJ_8YWdd1VQ2cjS4DmZKTW62JNs0329BKyW7ll0hy4kTX9cW79fLs821MKp7W1rK56V82rf6nW4n5X1094CS7FW7GCq5d16SnfPW4tl9RH49M3FQVm1D-Y4fZGzsW6FMdv93vtJC0W173y782TBLTwW2TM_jT4J52DDW7fWRTf2y7CkXW2JZT9N1H9SvrMt3x4c79s66W8D6SnC39qd4pMK5_SPkhT9HW5YHwc94BJ_nFW3BT8L661rchFW236lFB5XpfS3W8wbGnv8T_5QgN3pl-_FTgsHJW7wprDc7Q2YjPVQhqRG8lzScp3gDH1)  * Topic: HORIZON-CL2-2023-HERITAGE-ECCCH-01-02 * Budget: 10 000 000 eur   This topic aims at designing and implementing innovative tools and methods for digitisation of (a) visible characteristics and (b) non-visible characteristics of cultural heritage objects, to be incorporated into the European Collaborative Cloud for Cultural Heritage (ECCCH). |

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| **CREATIVE EUROPE PROGRAMME (CREA)** |

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| **Innovation Lab (CREA-CROSS-2023-INNOVLAB)**    **Deadline:** 20 April 2023 17:00:00 Brussels time   1. [**Innovation Lab**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgM7lW3f5c0Y2NjdXrW3kbFHP3h15WlW4lbyQP98gQ8tW4dkHz16pgGxRN5FsZy_rGHw5W62mYk2199Lt-W8Yp9t178gF7vW5NKcgb4Cg6mcW95vWxv7zplr6W5XDwFv1k0bNBW1yny3Q1d5x5YN7fZqf86vDjzVZm7yR2Y7B7lW2F1jFx90_dTrW6GV-gG7PyJ0TW3gRLkj5pjJsSW8yvN-08c3LJGW4Gt6sv4cj-cSW3N-D8c3fzs_FW8zNYqL3DJZW0W7CY0y-851Sl-W4Sntfb2s8Ys9N335SCjk-7gYW3rtHw91FJcBvVlFRf12KxZHfW7NYy-n3LL2JSW6fgwj72kRct_W5x3_5T7G2BvdW8JX_t_5h6tZ4W35tFDJ68-DpLW16ZSJN7z6lqCW5Kr8sp3c7QZrW51-Bkv1dXTyGW3CZNyV7XgbdQN2zV0Dz-1ZxZW1g5dLf6nQVpgW2ZzbW08hZrm4VJ3_Ys1WrYW9W169p7948P7V4VCzqRj9d2XDyW1s5DWN3mhr8pW6x53Bt4FrWPRN7YXJd6xJCg9N8TZZk4LySzDW6Jl35B2jy911W3B1phC1-r1QdN3gfQpCmnbt2W5N1sVW4BFT2wW4sqRQ96pPsP3W3kbQkZ2GyRQRN3xJQhvdmMwmW81B-wM1Pt9fsW6bb5Xk4jC5J0W1h5jZK83gqZjW3v-JSp5p0bglW1GpV-z6gK4S5W4V2nnb92W61yVp0BdN3Zjc18N4Sf2P9kkMTGW7fT_qt1N0ls9W3l08vn7KkkQNW4kc-4W7lcqsDW8MTb3x9fvSLKW8qhCQt2F0qFXW2-YS4T6XzH0ZW2cQg8p3rpWSnVnQ20653VQKdW43Yclq33KjyJW5w1Dqr7lQT6JW7KZvl34PqgcKW8jbwJ618FYSrW2yPr_H5698nVVPvdlG5B4Yt6W2fZYxv9cXw9wW6R8ddX9lpRb5W39q3X88D681BW4MFPrL1t_5HkW1MX8c270j7BRW4JSrv-2qFtrqW8vt6-s3x62lPW7dCTZy1W1b-JV17bQQ5GdD3MW6MBKXt6GKdg7W6Xq0_X3_CVrsW4dNnqr6h5c27W5r4pBH8N1jc_W2qpBbg5F3C14V872tZ6lTN94M36mmzD_MJmW1Wrnkz92v27LN1gsjlzW7rmqW5JPYR96wrGSM3pgq1)  * Topic: CREA-CROSS-2023-INNOVLAB * Budget: 5 438 131 eur   The Creative Innovation Lab shall incentivise players from different cultural and creative sectors, including audiovisual, to design and test innovative solutions for key challenges, with a potential positive long-term impact on multiple cultural and creative sectors.    *Expected results*   * Development of innovative creative processes; * Increased visibility, availability and diversity of European content in the digital age; * Improved business models and use of data; * Increased potential audience of European content in the digital age; * Support greening and circular economy thinking, including innovation for sustainability, inclusion and well-being in line with the priorities of the New European Bauhaus. |

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[**Provision of IT and Data Services to the EIF**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5wcf1d5V9V4KD7CgJTPW40yfLt3P5mPBW1Vv3pF7l3yrKW4Zybct97PKV8W8T2cBg6C7wtTW21mHj530rV3CN3cGgjNM8PV7N6tBNjzh9qkyW2kCGwZ2zZsybW2dbKl47rfKTVW7HlV5T7BC4cBW5yq5ps93G_5JW3Zy2Cl7BgJY6W53zRxG3sCf66W6QKQxp4RR3VkW5Qgllp1pbcSHW5nRTMN6l7SqpW91h7qX4ZDcsRW2WPC6R3R21TsW4CjtKM4-DQl1W97ywx_3RM_PdW29Y2-42gbpJhW59hLpj5M8nv0W1dJm1w6Q53fbW4y5Mfm4P1D9SV6RNFv521HCfW6lXMQx1hs5tDW5rK28w1dxHKSW1nSmXL4Vb7k4W6PfVHy3J_RQLN9hbYCs1fwSYW21TrrW2_yqC2W7MYk-J80tZ-kW4s6HWR4WxnN3W4N0jkM7BRCq2W3j5mXC4DNtBHW2jPwYN5DmnbqW8xK-MF4PfzQpW58Cm1Y3TqD82W2wd-Kp1bf6vVVVXgqF5ZTq3MW8ChtG9718HL1W1nr9lS6JwfYnW6JrH3g5Xm6rhN4XQBC5m9RP0W7TJDTC40Y-bNW5KDPHk1t1KG0W2SxZ206DPsVRW19ymfR9cgb62W5jbsJ_1sJr0RW7fwgbz5Vp3rWVHShZP107-xDW5bfrhB2TtJNlW3k67hG7lQ9XGW829kJB9cJTMSW4yVsR15xkWH1W4hx7kx3q33mxVBx8n52vxPWQW1m7w9K5z-1YjW5gXK-K53dk4YW1BtNDw1lH47JW7Mrh1P5LlPrCW4BVvD51gr_-NW9bfWdz5dD4ZYW3hG1H22tQxwxVWK_pM2yJrLVW2CK46Y9k7vM_W8Y3-V_5DxXwvW61j3Dk4FJlk2W6jT5Dl7YC40_W4q96-l3Td9NVW4KJxy263g9GhW5CwCMm1cLrrCW7DZwG02KqxCWW2XjYJV26YPLnW4s1v6_72Rdk8W5751X97zY8msN8SxFsNF0gsfW4X38W84xW8YWW3ZKDcs4DQZGCVzXvT_8Qz6kBW7ZJYRn54HKn_W5RPMrm5PY4z5W7QPSHy4Z7G2sW97_hFZ2B1RvsW2DThY-8TVcyRW9f6fnQ96zVN2VM9T3d8ZXbw0W46NGt-8vcjXlW2CPmWw8K1lB6W4sFJVD8gvCdc2vc1)  * **Reference number : 2022-CE-CSD-003** * **Budget: 60 000 000 eur** * **Deadline: 31 January 2023**   The scope of this procurement procedure is the provision of services to support the EIF in the field of IT and data. The EIF will conclude a framework agreement with multiple service providers. The framework agreements will cover five (5) areas, as further specified in Section 4.1 of Annex 4 – Terms of Reference.   1. [**IT Consultancy for Application and Data Integration, Event Streaming, Data Virtualisation and Python Platform Services (INTEGER)**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5wcf1d5V9V4KD7CgM_VW2FzwVw1RlsgTW3JG_4p8tT6NxW8DFF4R3cr3C3VCNJvY5hPpg-W4DQPdv4GqF0xW4dkgC_7H6tSnW5sp-Wt7Sq7rvW3t_K9h5g9M3dW1rqGHM3cdCfKW36ZKyr7m03WDN8Gcv1G_8sW8W8-CwgK57n5v7W1Qy5G39kn5VLW6kjbH642LxjXN7hC0pVxbWhYW3rHrkV9cSKFRW8gk1nc42CMc-N4QrPg_8qddrN38pLVNKDChkW6fhfr84qmRj0N2qnDK1R3ZbKW6HDN_l5vkr0NVY1bFl7GJZH8W3VmkwW51QclzW2Hy-gx2pl05HW6LJXH993fyQ8N4xyBZv2rcLkW3Y92V96sxy1xW410QhK5Sjxn1Vn6MT51ZZBZxW7PmnNK48B9F9W2tNw0n23HzLfW99DhQs7wHLdKW5x_q9p8Ywbs8W11SC1P1wDSpHW3wmDbn4Lk13KW6-xzpP6JfkM1W5fBphJ98dl52W4c3n3p85lwDPVrcgjm7R0LfvW51tjmx40b6ljW5JMYpy2Xh96WW4475K-6YPV2wVc9gk26_nJshW6D-fpR398SHrW4D0trd8lF8TzW6S7dFH6cFFWcW1-VXdc5fyGh7VbTnHj6xC4j9W6zHYrr48wCz_N85sJfkrV3xLM8RQyR7Sb1mN7DZhSTlZZXbW6hkBpL5ZdYbqW1JJtJp80ZYXzW7KS3FV8km2B4W26pB0Q2RWJmNW4htnXB4LcR1hW7BTs5r3_JDnYW4JpS5b6FtBR4W2t2vV03mkJ79W3fNn6Q56bH95W2brvXZ7_5CHJW4Pwn3927jGfWVrPFj88B36sMN61wQfdtvPSBW2QGQ8w8WwB7ZVXkdRd8z7HfBW7gKs6t6VXr9BW3swjG54GzcLHW2KTgL125r1gyW5CNql38VMD-xN4YnZbJgz8gNW3NM0Ws3LXNkhW4y7gQ06MG2bLW4HdkJX1SJ2XPW8W-mgB1Gh_MpW5_nNHh4qxDpTW2TmV7z6GCwz8W81p1bJ7LNSSxW9gPyRT3Z3csjW5nx0475mBV9CVHh3c29cBD2fW8YLD7D3ST2gpW5JTQC-6fYXwFW5ZbPC11d22bQW3z526j6RY8ztM5NqbNQLCm6W52scYB9lgWjFN8dvM4gwmB-93ktZ1)  * **Reference number: CFT-1700** * **Budget: 60 000 000 eur** * **Deadline: 16 February 2023**   The objective of this call for tenders is to award a framework agreements to up to five (5) successful tenderers for the provision of IT consultancy services for maintenance, support, development and implementation of application and data integration, event streaming, data virtualisation and Python platform services for the EIB Group.   1. [**European Marine Observation and Data Network (EMODnet) Lot 1 Biology - Lot 2 Seabed Habitats**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5wcf1d5V9V4KD7CgPrVW1Tx_3g9g0f7WVRJXP_84-NlxW121nRM7TPHxmW7DDyNk6SwNdpN49f73SKY2MZW7GQGTP1wvf4_W55Jzp92pBhtrW8SsSHl8DJZJHW2xJhQ76xHwB2W65MHLM34mFZ3W5xWygl8KXH1LW8BCDT-8h5klXW3fxCTv2QK059W798Lgt1snRKFW7VBNj25q8KKMW84sKkD8zZ7gYW7Tx-987ppptyW6rTBcT88dM_xW79GzZ_6J7mpNW7vmRs54PmkRGW73kjBr7XnbvyW4QhgHc5JXPC8W9bDTRW2NFwxlW7mHPyG96y3B6W1x2jxj8b7njDN1Qn_hN7CVQrW61x2Vv5xnKylN5P2HXpgYgjMVjf4QJ4snMfqW57Xv_k3rDGYyN88WYBnPK-L0W4vTsrD2dC103W1BkbsK3tcn1zW6yXdFY5s4ZD5W5kK-KZ6gZx4fVc_V6Q9g8-PQW6MTZhW3CvxfyW8_GZ3R2QKj_lW51NS672fDsMZW5ShyRl8zlYb1W3MhW4k67F2YMW4FX15D2DXF2FW2gVm2t5TYcvjW3XHGzD1jd7bdVmTxY19l6XzdN72rfGWnW2fPW3QCc5G8R2MNKW6lrLP46VjQTYW1N1Rjd6L3ZZNW37w5Qk2fv6vkW8Ny6LW5wF53DW4DRGKm5ZDMGyN99qDwQbfJmyW1HfCmY4yTQR5W4xkj1Z8tV7PrVPcTWG2d0N84W43_fgw8Cy6gpW8qVBFB2j7GwGW6d97RT2BXVY9W70d-Kr6rslT8W8bC9NF4qSxx8W706L3j2YfsxYW6kXr6c4t-pT_W1Z3Xzb6PVj5nW4BG10g1c0yByW5xtjmv5Yy4DxW7hYtDJ4VPDPvW4T9bMM7plhkMW5qxpyn3Ycr8ZW3HK-Yx8Rq7B9W4gr3J73XZdxLN2csHBSLPxZlW3rfPB41XmHpxW5nKP7k335_ZpW36Nnxf1fTtZlW3myck-4rxWjbW8dXW4x4StWnQV1ZdMG2x6ny_W2qpw5B4GLxFkW5vmQS15PMRCsW7m0qPt1_Bb5sW6mBqrk3GQjXTW6sFWKZ69PnpHW59Cd2K7bjfbsW2lScQb4pY6xZW4GdK261JdDRRN5j2l7hsc0v1N6ZWWPy2M3rQW7dHFpV2PQkF2W2DgBpQ7zMYHB3pxH1)  * **Reference number: CINEA/2022/OP/0018** * **Budget: 6 740 000 eur** * **Deadline: 21 January 2023**   European Marine Observation and Data Network (EMODnet) Biology (Lot 1) and Seabed Habitats (Lot 2) contracts maintaining and further developing the European Marine Observation and Data Network (EMODnet) themes on Biology (Lot 1) and Seabed habitats (Lot 2). The contractors shall build on the work previously achieved by these thematic groups.   1. [**Service Contract for a Study on Guidance to Increase Access to Healthcare for People with Disabilities Including Information and Data on Cancer Prevention and Care**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5wcf1d5V9V4KD7CgZ0nVQDFKS5QRBzxW1PPRt18Dy4t6VkP91q3nwj9tN5V3L02-Z-jQV2YGJ988tMPMW8h_5Yk8CtsL_N7CTmrLCbLWbN8F37czxSb3NW2r4t991J23MFW8y-8gw14hHDHVmlJky7v4cLcW6_jlfQ4DW-w2W7P10S78_7ntPW5WdHxr4TvjjgW2fYz2C81_XQdW4hT4NV2LdLsmVgR8734sJjlWW9lQPXb2y2vvhW4Grlvr38bG8bW1jNn_94wSPg9W95R9rL29SQpjW52WK2X3QM--xW4ZTHBZ1hmnRMW9h0JBd16pjftN7-bfzB8-2qfW10vsKc2CQ3m7N45HWn4K1V_KW3zx43J5M86QQW4M4zbp82LhdhW6K2Ph14xWj43W5z_Fk45Ctv5BW5Lw_dc8bWx2bW4YBhx77k4NX3N8wcG5966vMcW8Lh05h3YsRVFW75sdxv1K73HjW7y-gN33VfbGKW7hTzds5xmK32W51WP7S6jpKcdN6gH1NRlCw2kW58brGW8T3srkW8cRXBP867GbHW7FmyQX3TjRMyW6h0gFw7DNKtNW5sl98q7XCdjDW5wrVcs4vDdy2N4GMBhwhD1pvW5pWLst4sJ0JhVgF7Hp4FwV7DF3D8x1bbhjQW8FsRxZ8JKLGCW3ktHlf1XH4hMW3tnp6q5L6yK5N7cNgG_2KDHzW3V2drC6LNWsMN5hjL9PLl78jW7N1mDs1x1BgSW7WH8Xb93JqL4N8B8rP5C5LWDVLF8-Z6Rx7dLW99pP0Y7qDJsJN6MxDTJFfWmNMk-RhQJd6KnW616_C92Np_zkW71V7M6234NWpW7_qwQx8JYvwrN1VrN_JQDh0kW4yxyWT4qCnvYW29Hd2452NCY1N1lpKfnBY1JdW4Q04C05r7QfbW5_xPWW2CJrN2W9kwBkN4XKs2wW132WW64dNljBW48_cMm2JgVrdVTP3-v5bPgXNW29PyZz5C058rW5v2w-J6r_V81W8kfKmZ1JKmb1VSRgFy77K4SbW3X3Y6-6w96c9W3dY8N7372ty5W831x8Q4SNZSKW8Tytw37gHkgcW42F6Hy8j7cJJW4ClTKN7btjS7W8KlFfL1PNvgvW4dhxw88shBlJW4HzTMT1BdQXDN64tKdX7Fcmf32hQ1)  * **Reference number : HADEA/2022/OP/0021** * **Budget: 700 000 eur** * **Deadline: 17 February 2023**   **Service contract for a study on guidance to increase access to healthcare for people with disabilities including information and data on cancer prevention and care.**   1. [**Energy Statistics of Neighbouring Regions – Data Compilation**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5wcf1d5V9V4KD7CgXMvW4hsKhX9f-gN2V4m3tg7xVwkCW4cwSxB3P5H5-W2ChXlJ2XtK4jW5T5PQ47jQsjHW2XqFV85mbnQVVPM9KF4k0TGmW5-PWv93bmPrpN7GtjD_P2jQHW6l-pZj1TS2xjW3HZf7G8DzJ97W8Hs1t86cNVbzW3lrzJk4mFWdwW5XM0fz1mVpDMM40yljZFnVjW89Q8VN1MC0SFW4MBYr66sGkL6W4zDdSG7X7wTRW4Z9H3h918T69W7N9mdT3Bk90cN3Cn6zdpNhtqW1pmvqF8tbJM1W478_Bt8LsbBXW3nyvn14j2CXqW2P_Vqc8kG8kyW4fLf1n3bCj6LW3P1dZ15r00m3W3JMrYY6r4CzJW8QXpmT5kHDh0N6bHDyShz24jW6t79m-78yWXbW7J6_HX7GfHzxW1kW6Vn4_0W22N9gkwGXLFnBTW7v2NSf7H1052W6FSTjq3-rt0-W1FWZV43mKWGTW2cysb99150xWVsvtqX5T1BMCW8dHCMv2KLNYfW2DzLxq5Kpz7qW4WcgSG7GdcJdN4_nkdXDbrK1W8VHPyL5wwXjlW49BKQH4yd955W4rrdNY2m07-9N1Q4TMfLmFnWW5vtSGF7GZ_ZFW5LqzPQ6RqC3JW2R_YZ-3FkYpfW6yLSCH3cP5qDW58WdKn2hcNgTW1_8RZL9lbC9MN21_3F_DNkvWW2s4wKz5nQD6nW3KwkX93dCDP_W7zYPLd8g8q9qW8t-6C43N_nR9Vm9t0d5hJqpbW3MgmHx8dqqPSVBkKzj5PwBMSW8kjp_W6pSh8MW63Cqyh7LQ02tW7QmCW33fxMDxVc52gJ2CsWqGW6LMkzd1TG_DWW1t-C_d6DRHdwM-DYYgVX-PzW9j02CZ7Lxd_BW8n4kC64FyDyxW7690b02VLp8SW9m5CF284dkwGW50PcSz5wXNfxW5glv7s4nQXcNW5s9GM836QXTQN7yx88z6Q25yVPHlVJ3nVBm6W2g3xHZ8nmFcWN5LrQ8h1454pW7gvtK58QHH_kW8gJzNM18YXJ4W8Gbl0G4lXTlrW1n7cfH5_Cz2zW5vKC_t5m0xFfW3fwdGD5kD_40W6yLp-85CwY2LW7W4dkK5GTvBBW3hfBpf3SrT_2VZDj6c7ktXmbW1FtPr058D1Zt3bnW1)  * **Reference number: ESTAT/2022/OP/0016** * **Budget: 375 000 000 eur** * **Deadline: 28 February 2023**   The objectives of this call for tender are to support Eurostat by carrying out the following tasks:1. compiling data and metadata from ENP countries;2. filling annual energy questionnaires and energy balances with energy data coming from existing national sources and submitting to us after validation in the format of annual questionnaires;3. providing assessment on the quality of the data and metadata (e.g. via validation of data);4. sending the questionnaires in required MS Excel format to Eurostat.     1. [**Provision of Services to Support Economic Modelling of Energy Demand and Supply Sectors**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5w3lScmV1-WJV7CgQNLN6xPM5h_WZG1V-nyvF6rsMBpW3fDMp23JwCd6W7T11vL6kMFBcW3cHNNH8yydPzW5bsQbp1hxyknW464MVs1W18TsVtWSC66_bNvBN2PkG-s8RG2BW76Ffv-1mwxSpT-7ML32L-x8W6bjSnw1Bhvs6W72PDcd6M3NgSW7d2wxh1fvfvxW3dYcb-7kdsyHW26Nxcy3VNCY_Vyphnb1CKqNDW1p5qy54PKX8dW5-1TNk56mhXLMNlyTGVpDGLV5T6Pp6KTGFtN21zgc1ZKMSLW2dhhCm6W8nYzW1RVC_66j_C3hN2sWkDrD4rvfN6v3Yqth22BP38Q71)    * **Reference number: JRC/SVQ/2022/OP/1306-PIN**    * **Budget: 800 000 eur**    * **Deadline: 29 April 2023**   The 'Economics of Climate Change, Energy and Transport' unit of the Joint Research Centre supports the EC’s European Green Deal by performing economics-based research in the fields of energy, transport and climate change. The unit develops and applies a number of quantitative tools, such as POTEnCIA, POLES and the corresponding databases (including JRC-IDEES), to analyse the impact of different policies on the energy demand and energy supply sectors. Their output supports the European Commission’s preparatory work of legislative proposals related to climate mitigation and energy policy, such as the European Green Deal. The purpose of this contract is the provision of consultancy and support services in the aforementioned areas of activity by:— enhancing the in-house state of the art of understanding and characterisations of key technological evolutions and of their effects;— ensuring the timely update of key elements of the databases that are part and parcel of the in-house tools. |      |  |  | | --- | --- | | |  | | --- | | [CASCADE FUNDING](mailbox://D:/OneDrive%20-%20CONFINDUSTRIA%20BASILICATA/Profiles/ofdrs7xc.default/Mail/Local%20Folders/Inbox?number=28685#top) | |  |  | | --- | | [**REACH 3rd Open Call for Data driven Startups**](https://d33MvB04.eu1.hubspotlinksstarter.com/Ctc/RK+113/d33MvB04/VWvxK_7lfv5qW2kDXxY5_1Tr8W2qd3df4VT54mN33Mk5Qcf1dpV9V4KD7CgChvV5MHNY5qW64nW1QCZl-7lH8gDW1DxjMG4bMF8kW7_gTRt8qFV87W4ZKK7x6Vz3lHW8KTZVK6BBmXmW3jWQW22tmRs_W7wFlF61-BVtNVcHW1j7mMXslW1ssbdY247HfRW207kHN3yNTnfW9lWyjW85yjCNW7t6FCc8FFfnjW5SJp5172FK_FW33FqpB4l7kjlW5q46dK8vdZ9-W3zSp_m4nPf4BW5Dsk_f8_y8jSW7fJSsG6MV1RXW5bsnsP3KpWD3W11Jpld6f2f4VVhVJBZ6Rx9FCW4G8XHb6xFKnKN5cnXS8ZyRQnW23ntqN1f_qLdW2wSzRH1BDd_bVHpb413cmlxJW6bB4Nd28LhfWW1kgM9n6TWL9KV_dwFz3zPZKkW94VR265y_KXxVJql-y7h7PCbF79r40yl94-VyBS6f3qxyrQW7xF3CR1qYJpnW2zqsGl35Wp8XW2_TvCf7_52rdW1Vdk8H4rytbmW4_-xRh2mcDprW8_bTNf6r85Y9W6cCHvq4T4PXxW1Pyyd-60pZStVGPWgj1QYJ4QW95V5x54mhKHdW8PZ3rN5GNSk-W6JQmvB4TG4f5W5mMxLg6KscgfW1TRBLZ80Z27MW4mP8Qm6G0GVzW6JlBMx64ZJZRN10vmLDGGk98W1wk01D3hKYmqW2PWjMq1my32BN6yFqGxP13d5W2wh9dT8Vdkd1N4nMn1GLkLJGW25kxDh5J13PMW5kyqwV6W_vJLN3cGjNZ6tMDfN6bySL_nZFTRW58n-Sb1cn20mW4FRM_72_424kW8WxvXp7J45spW1tPQhq2fdXPJW5z-LyG7mPfmXW24PK8r6qRpcBW24qPwc4Fg8zkW6M75nj2P9Gb_W4Wv5bf979pQ6W4dqCL88dDmZTW2w13Pv3HQZFBW8rbXzP4Gmvs-W6bq-hB6hL6m_N8vRs5_L0srdW2x552n41m17DW8gBsw35tNS_wW72C0Zz7mDRDlW3H9stX3P85HqW5z2Jyk8qZ8ShW2zX7gc9fg3bMN8T1wpylzhJXW2L0Xq65hLgnKVS13ym13Y2ZPW4scy8q87gvY1N66PX0VfdqwkW5rw_yv5vzfwKW3wYjW81mZXhpW5GBYWv1640rnW2PT2LM8QFdR5W5l8dxf911DNnW1G_ktV5tL8x7W8bSwmh37kRGd3jfd1)   * **Deadline**: 21 February 2023 17:00:00 Brussels time * Budget: 1 185 000 eur   The call will fund the execution of projects led by SMEs including a Data Value Chain (DVC) scenario where value is created from the sharing of data, proposing innovative products and services making use of Big Data tools but also adhering to one of the participation tracks defined below.  The program is looking for around 35 promising big data startups and SMEs to take part in its third round of incubation. Interested startups and SMEs have three ways of applying and participating in REACH Incubator. | | |