

PUTTING RESEARCH, INNOVATION AND NEW TECHNOLOGIES AT THE SERVICE OF CANCER PREVENTION AND CARE (2)

ACTION		2021	2022	2023	2024	2025
1	Create a 'Knowledge Centre on Cancer'	Centre launched (Q2)	Centre operational supporting Cancer Plan and Mission implementation			
2	Launch ' European Cancer Imaging Initiative ' (ECII)	Preparatory action for ECII: calls for proposals for European Digital Innovation Hubs (EDIHs)	Calls for proposals for Federated European infrastructure for cancer images and for 'Testing and Experimentation Facility in Health' (TEF); ECII officially launched , EDIH projects launched	Federated European infrastructure for cancer images (EUCAIM) project; Testing and Experimentation Facilities (TEF-Health) project launched, First prototype of the Cancer Image Europe platform available; collaboration mechanisms established	Cancer Image Europe platform validated and fully populated with data; prototype of federated learning and benchmarking platform available; open call for new data providers; call for proposals to support availability of cancer images for secondary use	Federation of new cancer images databases through open calls; implementation of clinical use cases; pan-European infrastructure for cancer images established; final release of the EUCAIM platform, including final version of tools and services for data providers and platform users); sustainable DIHs network established

ACTIONS SUPPORTING CANCER PREVENTION AND CARE THROUGH NEW CANCER RESEARCH AND AN INNOVATIVE ECOSYSTEM:

3.1	European Health Data Space regulation	Preparation of the legislative proposal on EHDS	Commission proposal published (Q2)	Inter-institutional negotiations in Council and European Parliament	Inter-institutional negotiations ongoing	
	Cancer patients securely accessing and sharing their electronic health records with healthcare providers through the MyHealth@EU infrastructure of the European Health Data Space (EHDS)	MyHealth@EU infrastructure already exists on voluntary basis Expansion to new use cases and countries continues	Action on capacity building in primary uses of health data	PATHED and POTENTIAL projects launched to support patient access to health data	Joint Action on Primary use of Health Data; New projects launched for expanding MyHealth@EU services; Expansion of central services of MyHealth@EU towards supporting patient access to their health data; Capacity building project on primary use	

ACTION	2021	2022	2023	2024	2025
Support the secondary use of electronic health data	TEHDAS Joint Action	HealthData@EU pilot project aiming to design, develop, and test a HealthData@EU infrastructure. One use case on colorectal cancer	First deliverables of HealthData@EU pilot project available	Pilot infrastructure completed, tested and scaled up Creation of a Community of Practice for EHDS2 Grants to Member States to set up Health Data Access Bodies TEHDAS 2 Joint Action QUANTUM CSA (data quality and utility label) Capacity building project on secondary use	EU-wide access to infrastructure
3.2 Virtual Human Twins supporting cancer treatment	Preparatory action / project call	EDITH-CSA project launched	Collaboration ongoing Research action - Horizon Europe call: Integrated, multi-scale computational models of patient patho-physiology ('virtual twins') for personalised disease management	Horizon Europe funded projects – ongoing activities Deployment action - DIGITAL call: Platform for advanced virtual human twins (VHT models)	Horizon Europe funded projects – ongoing activities DIGITAL deployment action – ongoing activities
3.3 Expand the European Cancer Information System (ECIS)	New module on paediatric cancer implemented ; Factsheets on cancer burden released; New data call ; First module towards a de-centralised data collection and processing piloted	Long-term cancer burden estimates up to 2040 released; New data call to the cancer registries launched	De-centralised architecture enabling contribution to ECIS through aggregated data delivery to be implemented	Estimates for countries without full coverage released; De-centralised architecture enabling contribution to ECIS through aggregated data delivery operational	Staging and treatment variables exploited; Reporting of cancer burden indicators at sub-national level, thus facilitating linkages with environmental and socio-economic data
3.4 Launch Horizon Europe partnerships: Innovative Health Initiative (IHI) & Partnership on Transforming Health and Care Systems (THCS)	IHI: proposal adopted, Partnership started; THCS: call included in Work Programme	IHI: calls launched on <i>Next generation imaging and image-guided diagnosis and therapy for cancer, and on Personalised oncology: innovative people centred, multi-modal therapies against cancer</i> THCS: grant agreement signed	IHI: call launched on <i>Development and proof of principle of new clinical applications of theranostics solutions</i> ; THCS : Start of partnership and launch of first call "Healthcare of the Future"	IHI: Launch of calls THCS: Launch of 2nd call	IHI: Launch of calls THCS: Launch of 3rd call

SAVING LIVES THROUGH SUSTAINABLE CANCER PREVENTION (3)

ACTION	2021	2022	2023	2024	2025
4 Eliminate cancers caused by HPV	Call(s) launch / support to Member States	Joint Action on Partnership to contrast HPV (JA PERCH) launched in December	Project ongoing - Vaccinating Europe to protect against the cancers caused by HPV (PROTECT-EUROPE) - Rethink and Reduce inequalities in HPV vaccination projects launched. (ReThinkHPVvaccination)	Projects ongoing	

IMPROVING HEALTH LITERACY ON CANCER RISKS AND DETERMINANTS

5 Update and boost implementation of European Code Against Cancer	Grant to International Agency for Research on Cancer (IARC)	Revision and update of the European Code against Cancer; project (ECACS) launched in July	Project ongoing	New Code published	Annex to Code ready, and translated
		Scientific evidence meta-analysis			
5.1 'EU mobile App for Cancer Prevention'	Call(s) launched	Development and piloting Boosting the Usability of the mobile app; project (BUMPER) launched in November		Outreach and launch	Monitoring
5.2 'Health Literacy for Cancer Prevention and Care project'	Call(s) launched	No eligible proposals submitted	New call for proposals to be prepared and launched	Virtual library project launched	

ACHIEVING A TOBACCO-FREE EUROPE

Tobacco-free generation

6.1 Review of Tobacco Products Directive (TPD)	TPD application report; SCHEER opinion on e-cigarettes; Eurobarometer 2020	Evaluation	Evaluation, Eurobarometer 2023	Finalisation of evaluation and staff working document	Follow-up to the evaluation
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ACTION		2021	2022	2023	2024	2025
6.2	Review of Tobacco Taxation Directive		Impact Assessment	Impact Assessment		
6.3	Review of legal framework on cross border purchases of tobacco by private individuals		Further analysis needed to better reflect the relative flows and consumption patterns between the different products and enforcement			
6.4	Revise 2009 Council Recommendation on smoke-free environments	Preparatory Phase	Call for evidence	Stakeholder consultations	Work is ongoing	
6.5	Enforcement of EU laws and full implementation of the Framework Convention on Tobacco Control (FCTC)	Discussions in Expert Group on Tobacco Control and its subgroups; Ad-hoc support to Member States				
		Compliance checks	Compliance checks; Commission report on substantial change of circumstances; Delegated Directive on heated tobacco products	Compliance checks	Compliance checks Expansion of the Track and Trace system to other tobacco products	
		Cooperation on tobacco control between interested Member States and Commission strengthened via Joint Action on Tobacco Control				

REDUCING HARMFUL ALCOHOL CONSUMPTION

EU support to Member States and stakeholders to reduce alcohol related harm

7.1	Review of EU legislation on taxation of alcohol		External study	Evaluation of Directive 92/84/EC		
	Review of legal framework on cross border purchases of alcohol by private individuals		Further analysis needed to better reflect the relative flows and consumption patterns between the different products and enforcement			

ACTION	2021	2022	2023	2024	2025
7.2 Proposal for mandatory labelling of the list of ingredients and nutrition declaration on alcoholic beverage products		External study supporting the Commission's Impact Assessment accompanying the revision of Regulation (EU) No 1169/2011 , including different possible options for a proposal on alcoholic beverages labelling – in preparation	Work on the impact assessment		
Proposal for health warnings on alcoholic beverage products	Preparatory work and evidence gathering				Follow up technical work
7.3 Implementation of evidence-based brief interventions		Implementation of brief interventions on alcohol and of alcohol consumption screening launched	On-going actions supported		
7.4 Young people's exposure to online marketing of alcoholic beverages - Implementation of the Audiovisual Media Service Directive (AVMSD)		Conformity checks and infringement procedures if applicable/necessary			
			AVMSD Application Report adopted Q4		

IMPROVING HEALTH PROMOTION THROUGH ACCESS TO HEALTHY DIETS AND PHYSICAL ACTIVITY

8 Evaluation of the 2014-2020 EU Action Plan on Childhood Obesity and propose follow-up actions	Preparatory work	Call preparation and launch	Evaluation study launched in Q3 and ongoing	Study results expected Q3	Potential follow-up action based on the study results
8.1 Review of EU school fruit, vegetables and milk scheme	Evaluation/Impact assessment		Commission proposal adopted in Q4		

ACTION	2021	2022	2023	2024	2025
8.2 Proposal for mandatory front-of-pack nutrition labelling		External study supporting the Commission's Impact Assessment accompanying the revision of Regulation (EU) No 1169/2011 , including different possible options for a proposal on front-of-pack nutrition labelling – in preparation	Work on the impact assessment is ongoing		
8.3 Report on implementation of the Audiovisual Media Services Directive		Preparatory work	AVMSD Application Report adopted Q4		
8.4 Guidance for codes of practice on reducing unhealthy food marketing to children	<p align="center">Best ReMap Joint Action</p> <p align="center">EU Harmonised Reformulation and processed food monitoring (Q3 2023)</p> <p align="center">Best practices in reducing marketing of unhealthy food products to children and Adolescents (Q3 2023)</p> <p align="center">Public procurement of food in public institutions (Q3 2023)</p>				
8.5 Study on fiscal measures and pricing policies on sugars, soft drinks and alcoholic beverages	Work ongoing	Study published Q3			
8.6 Review of the promotion policy for agricultural products	Roadmap, Public Consultation	Impact Assessment	Commission proposal adopted		
9 Reduction of the presence of carcinogenic contaminants in food	Maximum limits adopted for Cadmium and Lead	Maximum limits adopted for ochratoxin A and dioxins and PCBs	Maximum levels adopted for inorganic arsenic in certain foods of non-marine origin	Work under preparation on inorganic arsenic in fish and seafood, dioxins, and PCBs (comprehensive review by end 2024), acrylamide, glycidyl esters, 3-MCPD esters and mineral oil hydrocarbons	

ACTION		2021	2022	2023	2024	2025
10.1	HealthyLifestyle4All initiative	Pledge board launched	Communication campaign and awareness raising; stock taking exercise in 2023		The HealthyLifestyle4All converges into SHARE 2.0 initiative to be launched by Q4	SHARE 2.0 ongoing
			2 projects promoting healthy lifestyle launched (RYHEALTH , IHLGIS)	Schools4Health project launched	Projects ongoing	
					Project ongoing	
10.2	Initiatives under the Sustainable Urban Mobility Planning Guide on linking transport and health	Sustainable Urban Mobility Planning guide finalised and published on Eltis.org	Knowledge-base and promotion of Topic Guide increased	Commission proposal adopted on a European Declaration on Cycling with overall ambition of increasing the use of cycling across EU		
10.3	Revision of Urban Mobility Package (UMP) on sustainable and healthy transport and mobility	Evaluation of the 2013 UMP finished; New EU Urban Mobility Framework adopted	Implementation of the new EU urban mobility framework	Updating reference materials on cycling and active mobility, to be used by urban mobility planners		
10.4	Volunteering Projects incl. Volunteering Teams in High Priority Areas, Solidarity Projects under the European Solidarity Corps Programme	Call launch Priority: COVID-19 impact and recovery and other major health challenges, such as those related to cancer, and around health, sport and well-being in general (projects ongoing)	Call launch Priority on supporting health prevention and promoting healthy lifestyles (assessments of the proposals)	Call Priority on prevention, promotion and support in the field of health	Call launch Q4 Support activities related to prevention, promotion and support in the field of health, in line with the HealthyLifeStyle4All	

REDUCING ENVIRONMENTAL POLLUTION¹

11.1	Align EU's air quality standards more closely with WHO guidelines as part of the zero pollution ambition in the European Green Deal	Impact Assessment	Impact Assessment, adoption of Commission proposal for a revision of the Ambient Air Quality Directives as part of Zero Pollution Action Plan	Inter-institutional negotiations on revised EU rules on air quality, Clean Air Forum (Q4)	Inter-institutional negotiations on revised EU rules on air quality	
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¹ Two additional points are being considered as they are mentioned as actions under the Zero Pollution Action Plan (ZPAP) and could concern /support cancer:

Flagship 1 of the ZPAP: Reducing health inequalities through zero pollution: Regularly feed pollution monitoring and outlook data into the Cancer Inequalities Registry and the Atlas of Demography as from 2022
Action 26 of the ZPAP: Improved training and educational support on environmental risks as from 2021.

ACTION	2021	2022	2023	2024	2025
11.2 Pollutant lists & corresponding regulatory standards updated in Environmental Quality Standards, Groundwater and Water Framework Directives limiting carcinogenic pollutants	Impact Assessment	Impact Assessment, adoption of Commission proposal for a Directive amending the Water Framework Directive, the Groundwater Directive and the Environmental Quality Standards Directive as part of Zero Pollution Action Plan	Inter-institutional negotiations on revised EU pollutant lists & corresponding regulatory standards under the Environmental Quality Standards, Groundwater and Water Framework Directives	Inter-institutional negotiations on revised EU pollutant lists & corresponding regulatory standards	
11.3 Explore removal of carcinogenic chemicals in revision of Urban Waste Water Treatment Directive	Impact Assessment	Impact Assessment, adoption of Commission proposal for a revised Urban Wastewater Treatment Directive as part of Zero Pollution Action Plan	Inter-institutional negotiations on revised EU rules on urban wastewater treatment	Inter-institutional negotiations on revised EU rules on urban wastewater treatment	
12 Measures towards zero-emission mobility and reducing environmental pollution from transport under the Sustainable and Smart Mobility Strategy	Post-Euro 6/VI emission standards for cars, vans, lorries and buses proposed; Revision of Alternative Fuels Infrastructure Directive; Revision of EU Emissions Trading System, with respect to maritime transport, aviation and Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)	Revision of CO2 emission performance standards for cars, vans and lorries; CO2 emission performance standards for buses put in place; Zero pollution action plan for air, water and soil; Revision of air quality standards and reduction of noise pollution; Revision of Ship-source pollution Directive			

REDUCING EXPOSURE TO HAZARDOUS SUBSTANCES AND RADIATIONS

13 New EU Strategic Framework on safety and health at work 2021 - 2027	New EU Strategic Framework adopted (Q2)		15 and 16 May: stocktaking Summit		
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ACTION	2021	2022	2023	2024	2025
14 Reduce workers' exposure to carcinogenic substances through the Carcinogens, Mutagens and Reprotoxic substances Directive (CMRD)	Commission proposal for a fourth revision of the CMD followed by inter-institutional negotiations	Entry into force of the Directive 2022/431, now renamed Carcinogens, Mutagens and Reprotoxic substances Directive (CMRD)	Inter-institutional negotiations on Commission proposal for a fifth revision of CMRD ongoing	Commission proposal for a sixth revision of the CMRD	
15 Revise EU limits for asbestos to further reduce workers' exposure		Impact assessment, Asbestos package adopted Communication on working towards an asbestos-free future Commission proposal to amend the Asbestos at Work Directive	Amended Asbestos at Work Directive adopted		
16 Survey on exposure of workers to risk factors for cancer	Survey preparations ongoing	Survey launched	First findings published (Q4)	Dissemination, promotion, and evaluation	
17 Implementation of Council Directive on protection from ionising radiation	Study on national radon action plans established in EU Member States completed, pending publication			Publication of study results (Q1-Q2)	
18 Explore measures to prevent exposure to ultraviolet radiation including from sunbeds	Evidence review and legal assessment		Additional evidence gathering and preparation of Commission Recommendation on reducing exposure to UV radiation from sunbeds	Adoption of Commission Recommendation on reducing exposure to UV radiation from sunbeds	
19 Launch Horizon Europe Partnership on Assessment of Risks from Chemicals	Calls launched	Partnership launched and work according to first Annual Work Plan started	Joint activities between national risk assessors scientific network based on annual work programmes. The partnership is running different toxicology projects, e.g. on establishing AOPs, MoA and IATAs, targeted on different types of cancer		

PREVENTING CANCERS CAUSED BY INFECTIONS

ACTION	2021	2022	2023	2024	2025
20.1 Reduce liver cancer caused by Hepatitis B & C virus and accelerate gastric cancer reduction in Europe through Helicobacter pylori eradication	Calls launched	Project launched (VH-COMSAVAC : Multi-country Viral Hepatitis COMMunity Screening, Vaccination, and Care) Project launched (EUROHELICAN : Accelerating gastric cancer reduction in Europe through Helicobacter pylori eradication)	Project ongoing		Project ongoing
20.2 Propose a Council Recommendation on vaccine preventable cancers		Preparatory phase	Call for evidence, stakeholder consultations and drafting	Commission proposal adopted (Q1)	Implementation of Council Recommendation
20.3 Best Practice Call on Non-Communicable Diseases under Steering Group on Health Promotion, Disease Prevention and Management of Non-Communicable Diseases (SGPP)	Launch implementation of best practices, related to NCD prevention and health promotion implemented under EU4Health 2021 Work Plan	Calls for Joint Actions on cardiovascular diseases and diabetes and on health determinants, as well as related calls for proposals. The 2022 best practice process resulted in 15 Best Practices Launched Joint Action implementing best practices and research results on Healthy Lifestyle for health promotion and prevention of non-communicable diseases and risk factor (Health4EUkids project)	Joint Actions operational	Implementation	

IMPROVING EARLY DETECTION OF CANCER (4)

ACTION		2021	2022	2023	2024	2025	
21.1	Review Council Recommendation on cancer screening	Call for evidence launched	Commission proposal adopted Council Recommendation on cancer screening adopted	Projects to monitor and strengthen the implementation of innovative approaches to prostate, lung and gastric cancer screening at Union level launched (PRAISE-U , SOLACE and TOGAS)	Projects ongoing Joint Action on cancer screening launched	Projects ongoing	
		Opinion of Group of Chief Scientific Advisors published					
21.2	European Cancer Imaging Initiative	see action 2.					
21.3	European Guidelines and Quality Assurance schemes on cancer screening, diagnosis, treatment, rehabilitation, follow-up and palliative care for breast, colorectal and cervical cancers	Continuous update of the European breast cancer guidelines on screening and diagnosis					
		European Breast Cancer Quality Assurance Scheme finalised	Successful testing of the European breast cancer quality assurance scheme in real settings		Continuous update of the European breast cancer quality assurance scheme		
		Development of European Guidelines and Quality Assurance scheme for colorectal cancer				Continuous developments and/update of colorectal cancer guidelines and quality requirements	
		Development of European Guidelines and Quality Assurance scheme for cervical cancer					
22	Explore incorporation of screening programmes data into the European Cancer Information System for monitoring cancer screening programmes	Follow and steer the work of the Canscreen-ECIS action grant		Project ongoing	Prepare ECIS to ensure processing of data and information to allow monitoring of cancer screening performance and impact indicators		

ENSURING HIGH STANDARDS IN CANCER CARE (5)

ACTION	2021	2022	2023	2024	2025
23.1 Creation of 'National Comprehensive Cancer Infrastructures' and EU network	Preparatory work for launch of Joint Action	Joint Action on Network of Comprehensive Cancer Centres (JA CraNE) launched		Joint action CraNE to end Q3 Follow-up Joint Action to CraNE to start Q3	EU network fully operational
23.2 New EU Networks of expertise on cancer and cancer conditions	Preparatory action to set up networks	Joint Action on Networks of Expertise (JA JANE) launched	Ongoing EU support to networks Ongoing project JA JANE and upcoming follow-up project JANE 2		
23.3 'EU Cancer Treatment Capacity and Capability Digital Mapping' project	Calls launched	Cancer care Beacon : Reducing disparities in cancer care across the EU launched	Project ongoing	1st Mapping published	Transfer to KCC for sustainability
24 'Cancer Diagnostic and Treatment for All' initiative	Calls and launch of initiative	Improving diagnostics and survival for all children with Acute Myeloid Leukaemia (CHIP-AML22)	Projects ongoing Personalised Cancer Medicine for all EU citizens (PCM4EU) projects launched	Launch of operative sharing process with piloting of selected cancer patients and diagnostic procedures Projects ongoing	Ongoing monitoring
25 European Initiative to Understand Cancer (UNCAN.eu) under Horizon Europe Cancer Mission	Call for a Coordination and Support Action to prepare an UNCAN.eu blueprint – operational concept and strategic research agenda launched under Horizon Europe Cancer Mission	ESFR research infrastructure projects EOSC4CANCER and canSERV launched under Horizon Europe. Research and Innovation projects on understanding of the impact of cancer risk factors and health determinants launched under Horizon Europe Cancer Mission CSA 4UNCAN.eu project launched Call on federated European infrastructure for cancer images data	Research and Innovation projects on tumour-host interactions that impact on cancer development and progression in cancer patients launched under Horizon Europe Cancer Mission	Preparatory actions for the implementation of the UNCAN.eu digital platform UNCAN.eu	Start of the implementation of the UNCAN.eu digital platform
26 'Inter-specialty training' programme	Call launched	Innovative collaboration for Inter-specialty cancer training across Europe (Project INTERACT-EUROPE) 2nd call for proposals to support roll-out of 2nd cohort of training programme launched	Follow-up project INTERACT-EUROPE 100	INTERACT-EUROPE – 100 ² operational	

² Expanding to 100 cancer centres across Europe and implementing an extensive Inter-specialty Cancer Training (ISCT) curriculum.

ACTION	2021	2022	2023	2024	2025
27 'EU platform to improve access to cancer medicines' to support the repurposing of existing molecules	Call launched	Open Platform for European Networking and Repurposing of Oncological Assets and Drugs project (NEWROAD) launched Research and Innovation projects THE PLATFORM – REPO4EU and Remedi4All Homepage - REMEDI4ALL launched under Horizon Europe		Projects ongoing	
28 Implementation EU clinical trials framework and 'EU Clinical Trials Portal and Database'	Commission decision on Portal & Database	Clinical Trials Information System (CTIS) launched		Migration of trials to new system	
29 Adoption and implementation of Regulation on 'Health Technology Assessment'	Regulation adopted		Implementation ongoing		1st EU joint clinical assessments on Cancer medicinal products started
30 Strategic Agenda for Medical Ionising Radiation Applications (SAMIRA) Action Plan	SAMIRA Action Plan adopted		Action Plan Implementation		
30.1 SAMIRA: European Radioisotope Valley Initiative (ERVI)		Targeted consultation (Q3-Q4) Stakeholder meetings		Feasibility studies	ERVI objectives, structure, and budget available
30.2 SAMIRA: European Initiative on Quality and Safety of medical applications (EIQS)	Member State group on quality and safety of medical applications of ionising radiation established (SGQS)	SAMIRA actions launched under EU4Health and DG ENER budget	Co-ordinated implementation of EU legislation and policies (Ongoing SIMPLERAD study on radiopharmaceuticals) Adoption of Clinical Audit Position Paper	SAMIRA preparatory Joint Action Support for MS on Clinical Audit	Further actions to be defined in line with SGQS discussions
30.3 SAMIRA: Improve workforce availability, education and training		Support for researchers' and professionals' education and training, notably in radiology, nuclear medicine, and radiotherapy (Marie Skłodowska-Curie Actions , see also action n° 26 : INTERACT-EUROPE)	Workforce monitoring (Ongoing EU-REST study)	Establish curricula and certification	

ACTION	2021	2022	2023	2024	2025
30.4 SAMIRA: Equal access to modern technology and interventions	EU support for implementation of Council Directive 2013/59 Euratom's requirements for medical equipment			Publication of study results and guidance document (Q2-Q3 2024)	
	Cover radiation technology in cancer plans				
	Evidence for clinical efficacy of novel cancer interventions involving ionising radiation improved				
30.5 SAMIRA: EU research and innovation support	Research roadmap development (Ongoing EURAMED Rocc-n-roll project)		Research roadmap delivered	Roadmap implementation	
31.1 Set up Horizon Europe Partnership on Personalised Medicine	Preparatory actions	Call launched under Horizon Europe	Partnership on Personalised Medicine launched	Yearly calls launch, projects	
				Launch of first call for multinational research projects (Q1)	
31.2 Roadmap to personalised prevention	Call launched	Start of development, first project launched under Horizon Europe		First version of Strategic Research and Innovation Agenda (Q3)	
32.1 Launch 'Genomic for Public Health' project	Call launched	Preparatory work on EU Cancer and Public Health Genomics platform Project (CAN.HEAL) launched in November		Project ongoing	
				Platform operational	
32.2 1+ Million Genomes Initiative	Technical proof-of-concept, call publication for data infrastructure deployment	Genomic Data Infrastructure (GDI) deployment project launched under Digital Europe, catalogue of genomic datasets legal/ethical analysis		Data integration and quality guidelines, data access governance, further development towards sustainability and scale-up, technical readiness of a group of more mature countries	
				Further expansion towards at least 16 countries ready to operate the data access platform by 2026	
33.1 Project using High-Performance Computing to rapidly test existing molecules and new drug combinations	Preparatory work, call(s) launch	Development of concept for drug re-purposing in the field of cancer care with focus on innovative computer aided approaches. Project launched (Q4). Linked to 'Building a European innovation platform for the repurposing of medicinal products' under Horizon Europe (see action 27)		Ongoing	

ACTION	2021	2022	2023	2024	2025
33.2 Support collaborative projects on cancer diagnostics and treatment using High-Performance Computing and AI	Start of project LIGATE				
33.3 Assist researchers working on personalised cancer treatments through tailored support and new digital platforms through ESFRI Research Infrastructures	Call launched under Horizon Europe	Start of projects EOSC4Cancer and CanServ	Establish cross-domain use cases for modular development of disciplinary European Open Science Cloud (EOSC) user environments around domains related to cancer research	Platform enabling storage, sharing, access, and analysis of research data and other digital research objects from basic and clinical cancer research Mobilization, interconnection, and interoperation of datasets relevant in cancer research (FAIR principles)	Cancer research data and analysis systems made easily accessible to basic and clinical scientists in open cancer analysis portals Integrated digital tools, data analytics, and Artificial Intelligence/ Machine Learning methods for the analysis for cancer-related data in the cancer analysis environments
33.4 Support for health care workers, health professionals, patient organisations, wider stakeholder communities and researchers	Development and delivery of new curricular, capacity strengthening, professional education and training for i) interdisciplinary, specialisation and inter-speciality education ii) e-Health and digitalisation, health data management and use, iii) research and clinical practice, iv) entrepreneurship and innovation activities and v) health literacy, citizen engagement and citizen science				

IMPROVING THE QUALITY OF LIFE FOR CANCER PATIENTS, SURVIVORS, AND CARERS (6)

ACTION	2021	2022	2023	2024	2025
'Better life for cancer patients' initiative: Create a tailor-made 'Cancer Survivor Smart Card'	Call launch	Development including piloting	Launch of the smart card application improving cancer survivors' quality of life (smartCARE project)	Piloting	Monitoring
34.1 Create the 'European Cancer Patient Digital Centre'	Preparatory work and tender launched under Horizon Europe		Study on an operational concept for a European Cancer Patient Digital Centre delivered, Discussion of concept with Member State experts	Preparatory actions for and start of the implementation of the European Cancer Patient Digital Centre	
34.2 Address fair access for cancer survivors to financial services	Study on Access to financial products for persons with a history of cancer in EU Member States	Stakeholder engagement, additional study on Development of a Code of Conduct on Fair Access of Cancer Survivors to Financial Services	Draft Code of conduct	Code agreed Launch in Q1	
35 Analytical work addressing issues related to the return to work	Preparatory work	Call for tenders for Study on Job Retention and Return to Work for Cancer Patients and Survivors	Study ongoing	Publication of study	
36.1 Address in the Strategy on the Rights of Persons with Disabilities 2021-2030 the rights of cancer patients and survivors considered as persons with a disability	Strategy adopted	Employment package launched; Public Employment Services (PES) Toolkit for strengthening the capacities of employment services to improve labour market outcomes of persons with disabilities developed Career guidance drafted by Cedefop			
36.2 Ensure full implementation of the Directive on work-life balance for parents and carers	Implementation meeting with Member States to clarify transposition issues	Transposition deadline (some elements by 2024) Directive implemented by Member States Implementation report published	Transposition and conformity checks of national legislation with directive Update of implementation report published EC's referral of Belgium, Ireland, and Spain to the CJEU for failure to communicate transposition measures	Transposition deadline for the provision on the payment of the last 2 weeks of non-transferable parental leave	Transposition and conformity checks of national legislation with directive (to be completed in 2026) Update of implementation report published

REDUCING CANCER INEQUALITIES ACROSS THE EU (7)

ACTION	2021	2022	2023	2024	2025
<p>37</p> <p>European Cancer Inequalities Registry</p>	<p>Prototype of the data tool developed by JRC</p>	<p>European Cancer Inequalities Registry website and data tool launched ECIR roadmap published online Age inequality dimension added</p>	<p>Publication of 1st round of Country Cancer Profiles for all EU Member States plus Norway and Iceland</p> <p>Ongoing updates of the data, new indicators and inequality dimensions added to the data tool, inclusion of Cancer Inequalities Factsheets and “topics” section, and other and website enhancements</p> <p>Ongoing EUCanIneq project by the International Agency for Research on Cancer, developing indicators on socioeconomic inequalities in cancer mortality for EU27, Norway and Iceland, to integrate in the Cancer Inequalities Registry</p>	<p>Publication of 1st overarching OECD report on “Beating Cancer Inequalities in the EU: Special focus on cancer prevention and early detection”</p>	<p>Publication of 2nd round of Country Cancer Profiles for all EU Member States plus Norway and Iceland</p>
<p>37.1</p> <p>Reducing health inequalities through zero pollution: Regularly feed pollution monitoring and outlook data into the European Cancer Inequalities Registry (ECIR)</p>	<p>Preparatory work</p>	<p>Data on environmental pollutants (PM2.5, PM10) integrated in European Cancer inequalities Registry</p>	<p>Inclusion of pollution data in 1st round of Country Cancer Profiles</p> <p>Inclusion of indicators on environmental pollutions in ECIR data tool including on ambient air pollution; household air pollution; occupational carcinogens; residential radon; passive smoking and indoor smoke. Publication of a factsheet on the “Effect of environmental factors on cancer In Europe”, as well as a new “topic” section dedicated to environmental indicators</p>	<p>Inclusion of pollution data and inequalities in exposure to environmental risk factors in the OECD overarching report</p> <p>Exploring further indicators qualifying the impact of environmental pollution on cancer</p>	<p>Inclusion of pollution data in 2nd round of Country Cancer Profiles</p> <p>Update of the environmental indicators included in the data tool</p>
<p>38.1</p> <p>Strengthen e-health, telemedicine and remote monitoring systems</p>	<p>Call launch</p>	<p>Joint Action on strengthening e-health including telemedicine and remote monitoring for health care systems for cancer prevention and care – (eCAN) launched</p>	<p>eCAN project ongoing</p>		

ACTION	2021	2022	2023	2024	2025
38.2 Promote the virtual health professionals' panels model of the European Reference Networks (ERNs)	Joint Action to integrate ERNs into national systems in preparation	First periodic 5-year performance assessment of ERNs launched Q4	Joint Action signature Final results first 5-year evaluation expected Q4	Joint Action kick-off meeting (Q1)	Joint Action ongoing until 2027
	Evaluation of the Cross-border healthcare directive published				
EU HEALTH SYSTEMS RESILIENCE, ACCESSIBILITY, EFFECTIVENESS					
39.1 Establish a Resilience Testing and Support Programme		Project launch (Q1) Methodology development(Q2,Q3,Q4), Piloting (Q4)	Methodology piloting (Q1-Q2), handbook development (Q1-Q2), training materials (Q1-Q2), developing conceptual framework for support programme (Q1-Q2)	Handbook publication and promotion (Q1)	
39.2 Guidelines on access to healthcare for people with disabilities, including cancer		Procurement of a Study on guidance to increase access to healthcare for people with disabilities	Study ongoing, establishment of Guidelines on access to healthcare for people with disabilities, including access to cancer care	Mapping of gaps in access to healthcare for people with disabilities (Q1)	Guidelines on improving access to healthcare for people with disabilities (Q1) Workshops for Member States on guidelines implementation (Q2) Final report published (Q3) Thematic seminars for MS (Q3-Q4)
39.3 Monitoring implementation of health components of Recovery and Resilience Plans (RRPs) including on cancer	Monitoring of milestones and targets				
40 Mainstream equality action in Europe's Beating Cancer Plan including addressing persons with disabilities	Continuous actions linked to 39 (2)				

PUTTING CHILDHOOD CANCER UNDER THE SPOTLIGHT

ACTION	2021	2022	2023	2024	2025
41 'Helping Children with Cancer Initiative': Create a Cancer Survivor Smart Card	Call launch	Development	Piloting and launch of the smart card application improving cancer survivors' quality of life (<i>smartCARE</i> project)	Outreach	Monitoring
Create an 'EU Network of Youth Cancer Survivors'	Call launch	Development	On-going network activities: EU Network of Youth Cancer Survivors (<i>EU-CAYAS-NET project</i>) and OAC connects us (<i>OACCU's project</i>)		
42 Launch the 'Childhood cancers and cancers in adolescents and young adults: cure more and cure better' action to boost the transformation of paediatric cancer care under the Horizon Europe Cancer Mission		Webinar on Childhood Cancer	Cancer Mission Work Programme 2023 includes topic on quality of life of young cancer survivors in regions		
		Workshops and Conference "Addressing the needs of Young Cancer Survivors"			
	Cancer Mission Work Programmes for 2021-2022-2023 address children, adolescent and young adults; projects launched, such as (MELCAYA, MONALISA, SUNRISE, e-QuoL, HIT-GLIO, PREVENT, INTReALL, etc.)			Cancer Mission Work Programme for 2024 addresses children, adolescents, and young adults	Cancer Mission Work Programme for 2025 will address children, adolescents, and young adults
	Ongoing mapping project portfolio on childhood cancer				