

POLICY MAPPING ON EHEALTH POLICIES AND INITIATIVES (INCLUDING ON CANCER CARE) IN PORTUGAL

This Country Factsheet was first prepared for the eCAN Joint Action and updated for the eCAN+ Joint Action. It is prefilled with publicly available information and was sent for review to country experts on eHealth and cancer care. The Country Factsheet serves as the basis for the preparation of an overview of eCAN relevant policies and initiatives in all EU and EEA countries.

The Joint Action ‘**Enhancing digital capabilities of cancer centres in Europe to improve prevention and care**’ (eCAN Plus) aims to bring the benefits of digital health to all citizens, patients and health care professionals to improve cancer prevention and care across Europe. The rising use of telemedicine and innovative legal framework of European Health Data Space offer opportunity to better address population health needs. Built on the experience of the eCAN JA, this project contributes to integrating digital tools and improving health data use for the benefit of cancer patients. The JA foresees to bring lasting impact to different targeted audiences. The project’s expected outputs pave the way for a wider rollout of **eHealth in oncology** but also supports decision-makers by providing recommendations and guidelines.

This country factsheet was originally **pre-filled in 2023/2024** with publicly available information by

- Johannes Weiss, Gesundheit Österreich GmbH (Austrian National Public Health Institute)
- Katharina Habimana, Gesundheit Österreich GmbH (Austrian National Public Health Institute)

The pre-filled country factsheet was originally **reviewed in 2023/2024** by

- Laura Rocha, Project Manager, SPMS
- Vanessa Mendes, Team Leader, SPMS
- Rafael Franco, Coordinator, SPMS
- Donzília Brito, Adjunct of the National Program for Oncologic Diseases, DGS

This country factsheet has been **updated** with publicly available information **in October 2025** and at the same time **reviewed** by

- Rui Moura, Project Manager, SPMS
- Carlos Ferreira, Continuous Improvement Manager, SPMS
- Inês Lourenço, Team Leader, SPMS

The country factsheet includes chapters on:

- 1 definitions**
- 2 governance**
- 3 strategies/policies**
- 4 legislation**
- 5 cancer specific eHealth solutions**

Any questions? – Please get in touch via ecan@goeg.at.

POLICY MAPPING ON EHEALTH POLICIES AND INITIATIVES (INCLUDING ON CANCER CARE) IN PORTUGAL

1 DEFINITIONS

Table 1 : Deviations in the use of international definitions for eHealth terms - Portugal

Term	Definition	Deviation
eHealth	The WHO defines eHealth as « cost-effective and secure use of information and communications technologies in support of health and health-related fields, including health-care services, health surveillance, health literature, and health education, knowledge and research ». ¹	No deviation from definition. Also used: Digital Health.
mHealth	« Mobile health (mHealth) is defined by the WHO Global Observatory for eHealth as « medical and public health practice supported by mobile devices, such as mobile phones, patient monitoring devices, personal digital assistants (PDAs), and other wireless devices ». ²	No deviation from definition. More associated to mobile phones and mobile applications.
dHealth	The EU defines digital health (dHealth) and care as referring to « tools and services that use information and communication technologies (ICTs) to improve prevention, diagnosis, treatment, monitoring and management of health-related issues and to monitor and manage lifestyle-habits that impact health ». ³ The WHO defines digital health as « the field of knowledge and practice associated with the development and use of digital technologies to improve health. Digital health expands the concept of eHealth to include digital consumers, with a wider range of smart-devices and connected equipment. It also encompasses other uses of digital technologies for health such as the Internet of things, artificial intelligence, big data and robotics. » ⁴	Not defined per Portuguese law. ⁵ dHealth not used as term, but the term Digital Health is used. An evolution of the term eHealth.
telehealth	The WHO defines telehealth broader than telemedicine « as it includes computer-assisted telecommunications to support management, surveillance, literature and access to medical knowledge. » ⁶	Yes, 'telehealth is the use of ICT to support health from afar through the provision of care, the organisation of the services and the training of health professionals and citizens'. ⁷

¹ [WHO EMRO - eHealth](#)

² [mHealth Assessment: Conceptualization of a Global Framework - PMC \(nih.gov\)](#), [mHealth](#)

³ [Events - Smart4Health](#)

⁴ [Digital health EURO \(who.int\)](#)

⁵ [Digital Health Laws and Regulations Report 2023 Portugal \(iclg.com\)](#)

⁶ [Telehealth – DigitalHealthEurope](#)

⁷ https://www.cnts.min-saude.pt/wp-content/uploads/2019/12/PENTS_EN.pdf

Term	Definition	Deviation
telemedicine	The EU Commission defines telemedicine as follows (EU Commission definition, COM (2008)689): « Telemedicine is the provision of health care services, through the use of ICT, in situations where the health professional and the patient (or two health professionals) are not in the same location. It involves the secure transmission of medical data and information, through text, sound, images or other forms needed for the prevention, diagnosis, treatment and follow-up of patients. » ⁸	Yes, but specifically by medical professionals. 'Telemedicine is the provision of health care at a distance by doctors who use ICTs for prevention, assessment, diagnosis, treatment and rehabilitation'. ⁷
teleconsultation	PAHO describes teleconsultation (also sometimes referred to as remote consultation or telehealth), as « interactions that happen between a clinician and a patient for the purpose of providing diagnostic or therapeutic advice through electronic means. » ⁹	No deviation from definition, teleconsultations are defined as a concept (including definition of prices) by the National Health Service (SNS). ¹⁰
health app	Essén et al. 2022 define health apps as « a computer program or software application (designed to run on a mobile device) 'intended to be used specifically for managing, maintaining, or improving the health of individual persons, or the delivery of care' (ISO https://www.iso.org/standard/78182.html (2021), p 5). »	No, there's no official definition of health app. Nevertheless, there's an official national health app 'SNS24'. In addition, it is important to also consider the definitions contained in the ISO/TS 82304-2:2021(en)Health software — Part 2: Health and wellness apps—Quality and reliability, in which Health and wellness app is defined as an 'app intended to be used specifically for managing, maintaining or improving health of individual persons, or the delivery of care'. ¹¹ It is also important to have into account the definition of apps that are medical device according to the Medical Device Regulation.

Further information:

- 'Telescreening' is the remote screening, using information and communication technologies, for an asymptomatic disease, risk factor or unnoticed adverse condition. It is usually part of a self-initiated or system-wide prevention strategy¹².
- 'Telemonitoring' is the remote monitoring of signs/symptoms and/or biometric parameters of the patient, which are transmitted to health professionals using information and communication technologies. Examples of biometric parameters are blood pressure, heart rate, capillary glycemia, weight, oximetry and temperature¹³.
- 'Teleconsultation in real time' consists of a teleconsultation that takes place in real time, that is, synchronously¹⁴.
- 'Teleconsultation in deferred time' consists of a teleconsultation that is carried out based on user data, previously collected¹⁵.

⁸ [Telemedicine – DigitalHealthEurope](#)

⁹ <https://www3.paho.org/ish/images/docs/covid-19-teleconsultations-en.pdf?ua=1>

¹⁰ [Digital Health Laws and Regulations Report 2023 Portugal \(iclg.com\)](#)

¹¹ <https://www.iso.org/obp/ui/en/#iso:std:78182:en>

¹² <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

¹³ <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

¹⁴ <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

¹⁵ <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

- ‘Telerehabilitation’ consists of distance rehabilitation, using information and communication technologies. It enables healthcare professionals to remotely monitor and adapt rehabilitation programs to the patient's needs¹⁶.
- ‘Teletrainings’ are information systems that are intended to raise awareness of the population and encourage the clinical training of doctors and other health professionals in a passive way through information repositories (such as procedural rules, advice, prevention, clinical cases, among others), or interactively through videoconferencing (INE, 2009)¹⁷.

2 GOVERNANCE

Table 2 : Overview on eHealth governance - Portugal

Question	Answer	Comments/Experience
Is there a Ministry or State Secretariat explicitly in charge of eHealth/dHealth in place? If so, which Ministry?	Yes	The Ministry for Health (Ministério da Saúde) is the responsible Ministry for all Health issues, including eHealth. ¹⁸ The National Health Service (Serviço Nacional de Saúde) national policies’ are implemented by the 5 regional health agencies. ¹⁹ There is also a State Secretariate for Health (Secretária de Estado da Saúde). ²⁰ So, there is no secretariat of state specifically responsible for digital health, but it is the Ministry of Health that is responsible for the digital themes of the sector. Order n.o 11779/2014, 22 September ²¹ , issued by the Ministry of Health, designates the Shared Services of the Ministry of Health, E.P.E. (SPMS, E.P.E.), as the national authority responsible for cooperation in eHealth matters. SPMS operates under the Ministry of Health and Finance.
Does the Ministry who oversees health care also have a specific Department or Unit in charge of eHealth/dHealth?	Yes	There is the Shared Services of the Ministry of Health (SPMS, E.P.E.) ²² that is the national eHealth agency that plays a crucial role in the digital transformation process in the sector and incorporates the Centro Nacional de TeleSaúde CNTS It also operates as the National Contact Point for eHealth in Europe-wide data sharing initiatives, such as MyHealth@EU. SPMS has three main competences: <ul style="list-style-type: none"> • Provision of shared services in the areas of procurement and logistics, financial services, human resources, and information and communication technologies; • Operation of the National Health Service Contact Centre (CCSNS) and the National TeleHealth Centre (CNTS); • Management of the National Health Service Control and Monitoring Centre (CCMSNS), ensuring activities related to the auditing of invoices for medicines, diagnostic and therapeutic services, and other healthcare provisions..²³
Is there a national eHealth governance board in place?	No	The health governance in Portugal is comprised of three main bodies, the Ministry of Health, Directorate-Federal of health (DGS), that establishes the standards and SPMS which operationalises and implements what has been validated by these two bodies. The

¹⁶ <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

¹⁷ <https://www.cnts.min-saude.pt/2017/07/25/glossario/>

¹⁸ <http://www.min-saude.pt/porta>

¹⁹ [eHealth in Portugal | G NIUS \(esante.gouv.fr\)](http://www.esante.gouv.fr)

²⁰ <https://www.portugal.gov.pt/pt/gc21/area-de-governo/saude/secretarios-de-estado?date=2018-10-17&i=saude>

²¹ <https://diariodarepublica.pt/dr/detalhe/despacho/11779-2014-57152350>; Order No 11779/2014, 22 September,

Diário da República No 182/2014, Serie II, 2014-09-22, pages 24273 - 24273. Designates the Shared Services of the Ministry of Health, E.P.E., as the national authority responsible for cooperation in eHealth matters

²² [SPMS – Serviços Partilhados do Ministério da Saúde \(min-saude.pt\)](http://www.min-saude.pt)

²³ [How Portugal is advancing the use of eHealth in Europe | Healthcare IT News](#)

Question	Answer	Comments/Experience
		<p>Central Administration of the Health System (ACSS) is responsible for the planning and management of the financial resources of the Ministry of Health and the National Health Service.</p> <p>In addition, the National Data Protection Commission²⁴ monitors and supervises compliance with the General Data Protection Regulation, Law 58/2019, Law 59/2019 and Law 41/2004, as well as other legal and regulatory provisions on the protection of personal data, in order to defend the rights, freedoms and guarantees of natural persons in the context of the processing of their personal data.</p>
Is there a public eHealth agency in place? At which level (national, regional)? Which functions does this agency cover?	Yes	<p>As refereed, SPMS, E.P.E. acts as a national eHealth agency in Portugal.</p> <p>SPMS, E.P.E is a public enterprise created in 2010 functioning under the coordination of the Ministries of Health and Finance (Decree-Law 19/2010 of 22 March²⁵). SPMS provides shared services to organisations operating specifically around health, in order to ‘centralise, optimise and rationalise’ the procurement of goods and services within the NHS. Thus, SPMS is responsible for providing shared services specific to the health area in terms of purchases and logistics, financial services, human resources and information and communication systems and technologies to establishments and services of the National Health Service (SNS), ensures the functioning of the National Health Service Call Center (CASNS), as well as the National Health Service Contact Center (CCSNS) which succeeds it and the National TeleHealth Center (CNTS). SPMS, E.P.E., has the mission of ensuring the activity and management of the Control and Monitoring Center of the SNS (CCMSNS).</p> <p>The National Telehealth Center (Centro Nacional de TeleSaúde) CNTS was founded in October 2016 ‘as an entity to further promote the adoption of telemedicine inside the healthcare system’.²⁶, as part of the Shared Services of the Ministry of Health (SPMS).</p>
If no, are there any other public institutions working in the field of eHealth?	N/A	Not applicable.
Are dHealth / eHealth tools in the outpatient sector publicly paid or covered in your benefits package (e.g. by sickness fund or national health service)? If yes, please describe how.	Yes, infrastructure and (some) services	<p>Infrastructure including electronic patient records system are free of charge. In addition, ‘from 2006, telemedicine services have been used inside the Portuguese National Healthcare System and are reimbursed similarly to the in-person services.’²⁷</p> <p>Furthermore, an application was developed by the SNS 24 unit, termed Telemonit SNS 24 that is aimed at monitoring chronic patients after indication by the health professionals that is available to all patients.²⁸</p> <p>In Portugal, there are certain telemonitoring programmes²⁹ that are eligible for the Hospital Programme Contract, with specific financing lines:</p> <ul style="list-style-type: none"> • Diabetes • Hypertension
Are dHealth / eHealth tools in the inpatient sector automatically covered in your benefits package or do you need to pay extra (e.g. for telehealth consultations or telereha) compared to standard treatments?		

²⁴ <https://www.cnpd.pt/cnpd/o-que-somos-e-quem-somos/>

²⁵ <https://diariodarepublica.pt/dr/legislacao-consolidada/decreto-lei/2010-115494536>; Decree-Law No 19/2010, Diário da República No 56/2010, Serie I, 2010-03-22. Creates SPMS - Shared Services of the Ministry of Health, E.P.E.

²⁶ [Portugal in the e-health path - EIT Health](#)

²⁷ [Portugal in the e-health path - EIT Health](#) and [Digital Health Laws and Regulations Report 2023 Portugal \(iclg.com\)](#)

²⁸ <https://www.sns24.gov.pt/servico/app-telemonit-sns-24/>; Telemonitor SNS 24 app FAQ, SNS 24, 2025.

²⁹ https://www.acss.min-saude.pt/wp-content/uploads/2016/10/Termos-de-Referencia-para-a-Contratualizacao-2025-homologado_vf.pdf ACSS.

Termos de Referência para contratualização de cuidados de saúde no SNS para 2025 [Terms of Reference for the contracting of health services in the Portuguese NHS for 2025]. ACSS (2024) [pdf].

Question	Answer	Comments/Experience
		<ul style="list-style-type: none"> • Covid-19 • Chronic obstructive pulmonary disease (COPD) • Chronic heart failure • Status of Post-acute myocardial infarction <p>Furthermore, there are still defined plans to keep implementing new telemonitoring actions throughout the Unidades Locais de Saúde (ULS) in Portugal as a first consultation, and a rapid hospital triage system done via a public health line before emergency care. ³⁰</p>
Are there any comprehensive cancer centres focussing on eHealth or telehealth treatments? If yes, which ones and for which specific fields?	Yes	<p>There are several CCCs that work with ad-hoc initiatives on eHealth, including:</p> <ul style="list-style-type: none"> • Instituto Português de Oncologia do Porto Francisco Gentil, E.P.E. (IPO-Porto)³¹ • Instituto Português de Oncologia de Lisboa Francisco Gentil, E.P.E. (IPO-Lisboa)³² • Instituto Português de Oncologia de Coimbra Francisco Gentil, E.P.E. (IPO-Coimbra)³³ • Centro de Oncologia dos Açores Prof. Doutor José Conde³⁴

Further information:

- No further information identified.

3 STRATEGIES/POLICIES

Table 3 : Overview on strategies and policies for eHealth and cancer care - Portugal

Question	Answer	Comments/Experience
Is there a national eHealth strategy?	Yes	<p>The national strategic telehealth plan 2019-2022 (PENTS) is the national telehealth strategy for Portugal.³⁵</p> <p>The plan was introduced by the Ministry of Health in 2019 aiming at a harmonisation of telehealth across the country 'by scaling up good examples and maximising their impact'.³⁶</p> <p>In addition, there is also the National Strategy for the Health Information Ecosystem (ENESIS) 20-22. It aims to create the framework and conditions through which the different actors of the Health System can contribute to the evolution of the health information ecosystem, becoming a reference for good practices and promoting the delivery of benefits and the optimization of risks and resources.³⁷</p> <p>The Recovery and Resilience Plan³⁸ aims to address the barriers to the digital transition in National Health Service. SPMS is the national organisation responsible for implementing four pillars of this transformation (infrastructures, citizens, professionals, data). This</p>

³⁰ <https://www.sns24.gov.pt/pt/servico/triagem-digital-sns-24/> SNS 24 digital triage process. SNS 24, 2025.

³¹ [Instituto Português de Oncologia do Porto Francisco Gentil, E.P.E. \(IPO-Porto\)](https://www.institutoportuguesdeoncologia.pt/)

³² [Instituto Português de Oncologia de Lisboa Francisco Gentil, E.P.E. \(IPO-Lisboa\)](https://www.institutoportuguesdeoncologia.pt/)

³³ [Instituto Português de Oncologia de Coimbra Francisco Gentil \(IPO\)](https://www.institutoportuguesdeoncologia.pt/)

³⁴ [Centro de Oncologia dos Açores Prof. Doutor José Conde](https://www.institutoportuguesdeoncologia.pt/)

³⁵ https://www.isfteh.org/files/media/PENTS_English_Version.pdf

³⁶ [Portugal in the e-health path - EIT Health](https://www.isfteh.org/files/media/PENTS_English_Version.pdf)

³⁷ <https://www.spms.min-saude.pt/pt/areas-de-atuacao/plano-de-recuperacao-e-resiliencia-prr/>; https://enesis.spms.min-saude.pt/wp-content/uploads/2017/07/brochura-online_v1.pdf;

https://www.spms.min-saude.pt/wp-content/uploads/2019/10/ENESIS2022_VersaoParaConsultaPublicaOut2019.pdf

³⁸ <https://www.spms.min-saude.pt/pt/areas-de-atuacao/plano-de-recuperacao-e-resiliencia-prr/>

Question	Answer	Comments/Experience
		<p>particular program was extended through mid-2026 to conclude key initiatives. One key initiative is Transição Digital na Saúde, spearheaded by SPMS.³⁹ Portugal is committed to ENESIS which has plans up to 2030 for the development of public services related to eHealth. SPMS coordinates, promotes, and monitors the implementation of ENESIS.</p> <p>In addition, SPMS is also aligning the implementation of different EU strategies, such as different activities towards the Europe’s Digital Decade: digital targets for 2030 – for example, <i>100% of citizens have access to medical records online</i>. Herein, Portugal launched the HealthData@PT Initiative. This initiative aims to establish a national infrastructure to facilitate the secondary use of health data, positioning Portugal as a leader in this area. HealthData@PT is a key initiative aligned with the European Health Data Space (EHDS), and it focuses on creating a National Dataset Catalogue, establishing a Secure Processing Environment (SPE) for sensitive health data, and supporting cross-border data sharing to improve research and innovation. HealthData@PT⁴⁰ aims to enhance the quality of health data, which is critical for advancing both national and international health research. Furthermore, it participates actively in programas related to the implementation of the European Health Data Space (XT-EHR, MyHealth@EU) as a pioneer in the implementation of the data-sharing services, as can be seen by the initiative OurHealth@PT, coordinated by SPMS to implement the sharing of laboratory results reports⁴¹. More recently, Portugal approved the National Digital Strategy (Estratégia Digital Nacional - EDN, 2024), aligned with the EU Digital Decade, setting a digital vision up to 2030, with its first action plan running 2025–2026. In the health sector, the EDN emphasizes the modernization of public services, the development of secure and interoperable digital health systems, and the empowerment of citizens through access to their own health data and digital tools. The strategy also highlights the importance of data governance, artificial intelligence in healthcare, and the promotion of digital literacy so that both citizens and health professionals can fully benefit from digital health solutions.⁴²</p>
<p>If yes, which stakeholder groups have been included in drafting the national eHealth strategy?</p>	<p>Numerous</p>	<p>For the telehealth strategy, fifty institutional stakeholders and experts across the health system contributed to the strategy. Advice and input were also gathered from more than fifty Portuguese patient associates via ‘Saúde em Dialogo’ (Health in Dialogue), a platform for patient contribution.⁴³</p> <p>Several groups of stakeholders were included in ENESIS, such as the Ministry of Health, bodies of the Ministry of</p>

³⁹ <https://transparencia.gov.pt/pt/fundos-europeus/prr/beneficiarios-projetos/projeto/C01-i06/>

⁴⁰ <https://www.spms.min-saude.pt/healthdatapt/>

⁴¹ <https://www.spms.min-saude.pt/ourhealthpt/>

⁴² <https://digital.gov.pt/estrategias/estrategia-digital-nacional>

⁴³ [Portugal in the e-health path - EIT Health](#)

Question	Answer	Comments/Experience
		<p>Health, representatives of professional orders, different associations, universities, and private groups. Several workshops were organized for this purpose and a public consultation was also held to gather wider feedback.</p> <p>A broad process of consultation with Portuguese society was conducted during the elaboration of the Recovery and Resilience Plan⁴⁴. Several stakeholders were considered, such as economic and social partners, civil society, all political parties, entrepreneurs from different sectors, National Health Council and universities. In addition, a series of seminars titled ‘Closer and More resilient National Health System and Digital Transition’ was held for the health-related area.</p> <p>The strategic telehealth plan does not refer to cancer care. However, it is important to note that this strategy is centred on providing services capable of supporting citizens throughout their healthcare journey, being agnostic to the disease and able to adapt to the different needs of citizens and health professionals.</p>
<p>Are there regional eHealth strategies? If so, can you indicate whether in all regions or only some? Can you provide some (exemplary) documents ?</p>	<p>No</p>	<p>The strategic telehealth plan⁴⁵ is implemented in all regions. There are no regional eHealth strategies. The national strategic telehealth plan⁴⁶ covers all five health regions (continental), and the two autonomous regions (Madeira e Azores islands). There are no regional strategic plans.</p>
<p>If yes, which stakeholder groups have been included in drafting such regional strategy/ies?</p>	<p>N/A</p>	<p>Not applicable.</p>
<p>Are there strategy/ies explicitly referring to / including eHealth cancer care?</p>	<p>Yes</p>	<p>The Estratégia Nacional de Luta Contra o Cancro – Horizonte 2030 (ENLCC 2030) (Despacho n.º 13227/2023)/ Portugal's National Cancer Control Strategy, outlines a comprehensive framework to prevent cancer, improve early detection, ensure equitable access to diagnosis and treatment, and enhance the quality of life for survivors while fortifying governance and aligning with European priorities.⁴⁷</p> <p>Within this strategy, the country actively participates in projects that place digital health at the core of cancer care: the EUCAIM⁴⁸ (EUropean Federation for CANcer Images) initiative is creating a pan-European infrastructure of cancer imaging and AI tools, the ECHO S (Establishing of Cancer Mission Hubs: Networks and Synergies)⁴⁹ project is building national and international Cancer Mission Hubs to foster innovation and collaboration, and the National Cancer Hub Portugal coordinates stakeholders,⁵⁰ funding opportunities and the integration of these innovations into national practice. Together, these efforts ensure that</p>

⁴⁴ <https://recuperarportugal.gov.pt/wp-content/uploads/2021/10/PRR.pdf>

⁴⁵ [PENTS English Version.pdf \(isfteh.org\)](https://www.isfteh.org/PENTS_English_Version.pdf)

⁴⁶ [PENTS English Version.pdf \(isfteh.org\)](https://www.isfteh.org/PENTS_English_Version.pdf)

⁴⁷ <https://diariodarepublica.pt/dr/detalhe/despacho/13227-2023-835712442>, Despacho nº13327/2023, Diário da República

⁴⁸ <https://cancerimage.eu/>

⁴⁹ <https://cancermissionhubs.eu/>

⁵⁰ https://aicib.pt/wp-content/uploads/2022/02/National-Cancer-Hub-Portugal_Jan22.pdf

Question	Answer	Comments/Experience
		eHealth and digital transformation are explicitly embedded in Portugal's cancer strategy, reinforcing both national capacity and European cooperation.
If not, are there discussions ongoing to develop a national eHealth strategy?	N/A	Not applicable.
Is there a National Cancer Plan? And does it refer to eHealth?	Yes	The National Cancer Control Strategy 2021-2030 ⁵¹ aims e.g., to 'encourage the uptake of new solutions, technologies and scientific evidence in health systems and national policies.'
In the light of the EU 'Beating Cancer Plan' – are there any recent plans to update or modify existing plans? If yes, what is the timeline?	N/A	The National Cancer Control Strategy 2021-2030 has been approved by the National Government.
Are there any indicators in eHealth policy or national programmes on cancer care measuring the progress of the use of eHealth in cancer care?	N/A	No further information available.
Are there any other cancer care specific eHealth initiatives, f.e. by other stakeholders than policy makers / public authorities?	Yes	<p>The digital transformation and the advances already made by SPMS, in the construction of a digital Health Record of each citizen and the development of digital and telehealth services in SNS 24 (https://www.sns24.gov.pt/) are transversal initiatives and independent of the type of pathology or health problem of the citizen. There are several initiatives promoted by other stakeholders, e.g.:</p> <ul style="list-style-type: none"> • Digital Health Portugal is a civil society initiative but not focused on cancer care. • Health Cluster Portugal is 'an association bringing together all eHealth actor, 170 members, including research and development institutions, universities, hospitals, civil society organizations, and companies. The Health Cluster Portugal also offers the platform healthportugal.com which lists the actors, projects and services of the Portuguese ecosystem in order to facilitate exchanges.'⁵² <p>Biobanco.pt is a digital health infrastructure in Portugal that supports biomedical research by providing access to human biological samples and associated clinical data. It facilitates national and international collaborative research projects, enabling the development of personalized medicine and the advancement of scientific knowledge. The platform ensures the standardization of biobanking activities, high-quality processing and storage facilities, and assists in the development of the pan-European platform BBMRI (Biobanking and Biomolecular Resources Research Infrastructure). By integrating with digital health systems, Biobanco.pt allows secure data management, facilitates collaboration across hospitals and research centers, and supports projects in precision medicine and cancer genomics. A significant aspect of this effort is the Rede Nacional de Banco de Tumores (National Tumor Bank Network), which operates under Biobanco.pt. This network focuses on the collection,</p>

⁵¹ https://health.ec.europa.eu/system/files/2022-04/ncd_20220324_co06_en.pdf

⁵² [eHealth in Portugal | G NIUS \(esante.gouv.fr\)](#)

Question	Answer	Comments/Experience
		processing, and sharing of tumor samples and related clinical data to further cancer research. By pooling biological samples from across the country, the network aids in the development of more targeted and effective cancer therapies and contributes to the understanding of cancer genomics. ⁵³

Further information:

- In 2017, a resolution was ‘issued by the Council of Ministries supporting digital health. [...] This was an important momentum, where the Council of Ministries was really pointing out the importance to achieve and put the citizens at the centre of the system in terms of digital health and access to health data’.⁵⁴

4 LEGISLATION

Table 4 : Overview on eHealth and cancer legislation - Portugal

Question	Answer	Comments/Experience
Is there legislation on how to use telemedicine?	Yes	<ul style="list-style-type: none"> • Resolution of the Council of Ministers 67/2016. D.R. 206/2016, Series I of 2016-10-26 created the National Telehealth Center • Order n.º 3571/2013, Diário da República n.º 46/2013, Série II de 2013-03-0655 determines that the services and establishments of the National Health Service (SNS) must intensify the use of information and communication technologies in order to promote and guarantee the provision of telemedicine services to users of the SNS • Order nº 8445/2014, Diário da República n.º 123/2014, Série II de 2014-06-30. Reinforces the implementation of the strategy for a Telemedicine Network in the National Health Service • Resolution of the Assembly of the Republic n.º 293/2021, Diário da República n.º 224/2021, Série I de 2021-11-18, Recommends that the Government update and apply the National Strategic Plan for Telehealth • Order no. 6280/2018, published in Diário da República no. 123/2018, Series II of 2018-06-28: determines that the referral for the first consultation of the hospital speciality of dermatovenereology, carried out by the primary health care of the SNS, is compulsory through the use of dermatological telescreening. • Order No. 3204/2023, published in Diário da República No. 50/2023, Series II of March 10, 2023: Creates the Central Unit for Telehealth Care Provision of the National Health Service (SNS), with the aim of expanding and coordinating the provision of telehealth services, such as teleconsultations, telemonitoring, and telerehabilitation, integrating them into SNS24. • Order No. 3518/2025, published in Diário da República No. 56/2025, Series II of March 20, 2025: This Order establishes a Working Group tasked with proposing a governance model aligned with European guidelines and best practices, in the context of implementing measures to comply with the provisions of the European Health Data Space Regulation.

⁵³ <https://biobanco.pt/>

⁵⁴ [How Portugal is advancing the use of eHealth in Europe | Healthcare IT News](#)

⁵⁵ <https://diariodarepublica.pt/dr/detalhe/despacho/3571-2013-1759945>

Question	Answer	Comments/Experience
Is there legislation explicitly referring to cancer prevention?	Yes	<p>Portugal introduced several laws for cancer prevention, e.g.,</p> <ul style="list-style-type: none"> • Law approving measures to protect citizens from involuntary exposure to tobacco smoke (Law No. 37/2007)⁵⁶ with several follow-up actions and legislations on tobacco use. • law banning advertisements aimed at children under 16 for food products with high-energy value and high sugar, saturated fatty acids, trans fatty acids and salt content (2019)⁵⁷ • Integrated Strategy for the Promotion of Healthy Eating (EIPAS), meanwhile approved by Joint Order No. 11418/2017, of December 18, published in the Diário da República, 2nd series, of December 29, 2017 • Decree-Law No. 173/2008, of 26 August (Ministry of the Environment, Spatial Planning and Regional Development – MAOTDR), which establishes the legal framework for Integrated Pollution Prevention and Control (PCIP Diploma); • Decree-Law No. 178/2003, of 5 August (Ministry of Cities, Territorial Planning and the Environment – MCOTA), which establishes limitations on emissions into the atmosphere of certain pollutants from large combustion installations (GIC Diploma); • Decree-Law No. 85/2005, of April 28 (Ministry of the Environment and Territorial Planning – MAOT), which establishes the legal regime for the incineration and co-incineration of waste (Incineration Diploma); • Decree-Law No. 242/2001, of 31 August (MAOT), concerning the limitation of volatile organic compound emissions resulting from the use of organic solvents in certain installation activities (VOC Diploma); • Ordinance No. 1147/94, of December 26 (Ministry of Industry and Energy – MIE; Ministry of Health – MS; Ministry of Environment and Natural Resources and the Sea – MARNM), which establishes the licensing conditions for the discharge, storage, deposition or injection into the soil of wastewater or waste from the titanium dioxide industry (Titanium Diploma • The principle of the environmental license was enshrined in Portugal by Decree-Law No. 194/2000, of 21 August, and its successor, Decree-Law No. 173/2008, of 26 August, both revoked. • Decree-Law No 81/2022 of December 6th Summary: Changes the legal regime of radiological protection, adapting the rules regarding incompatibilities to the administrative offense regime and application in space.
Is there legislation explicitly referring to / including eHealth cancer care?	Yes	<p>Law nº53/2017, of July 14 creates and regulates the National Cancer Registry.</p> <p>Order nº 6280/2018, of June 28 determines that the referral for the first dermato-venereology hospital specialty consultation, carried out by the primary health care of the NHS, is obligatorily carried out using dermatological telescreening, i.e., imaging mandatory. This is important for better priority management and early detection of cancer cases.⁵⁸</p>

⁵⁶ [Regional differences in tobacco smoking and lung cancer in Portugal in 2018: a population-based analysis using nationwide incidence and mortality data | BMJ Open](#)

⁵⁷ [Cancer prevention and protecting children from harmful marketing: Maria João's story \(europa.eu\)](#)

⁵⁸ https://www.cnts.min-saude.pt/wp-content/uploads/2018/10/Guia-Rapido-anexacao-de-imagem-na-referenciacao-para-dermatologia_V2.pdf

Further information:

- The National Strategic Telehealth Plan 2019-2022 was established before SARS-CoV2 pandemic period paved the way to new legislation. There is currently ongoing work on the implementation of the approved Regulation 2025/327 regarding the European Health Data Space to transpose it into national law.

5 CANCER SPECIFIC EHEALTH SOLUTIONS

Table 5 : Overview on cancer specific eHealth solutions in use – Portugal

Area of application/ type of solutions	Login Websites	Apps	Webinars	Multi-disciplinary teleconferences (HCP-HPC)	Teleconsultation (HCP-patient)	Telemonitoring via devices
Ecosystem	Yes, electronic health record (EHR) portals, with two areas: citizen area and professional area (access to health records, booking of appointments with GPs, vaccination cards, online screening for diabetes etc. for patients and support of clinical procedures for professionals) ⁵⁹	Yes, e.g., paperless prescription ⁶⁰ via mobile phones (used by nearly all public and private hospitals; doctors may prescribe via mobile phone – 97% of all prescriptions are currently paperless ⁶¹). Citizens can use the SNS24 ⁶² health app to manage their eP/eD information, as well as teleconsultation via RSE Live. Through SNS24, users can also access their personal clinical monitoring plan with Telemonit SNS24. ⁶³	Yes, several webinars have been organized. For example: The ‘SNS Telemonitoring Activity’ webinar with the aim of presenting the current state of telemonitoring in SNS health units; ‘The SNS 24 Balcão - SNS close to the citizen’ webinar to improve the access and delivery of digital and telehealth services to citizens; ‘The Teleconsultation with PS Live’ webinar dedicated to the real-time tele-consultation solution, PS Live.	Yes, RSE live – teleconsultation platform - allows for HCP-HCP teleconferences (physicians, nurses, nutritionists, and psychologists) for the evaluation of a citizen’s clinical case.	Yes, teleconsultations are provided in the Portuguese health system, which had a boom in use during COVID-19. Importantly, this service is widely implemented in the National Health System, being used in different clinical setting, such as for oncology care.	Yes, Telemonit SNS 24 ⁶⁴ is a mobile application where users can access their personal clinical monitoring plan, proposed by a health professional who accompanies them; Telemonitorização SNS ⁶⁵ monitoring of all patients to which telemonitoring has been recommended.

⁵⁹ [Portugal in the e-health path - EIT Health](#) and [How Portugal is advancing the use of eHealth in Europe | Healthcare IT News](#)

⁶⁰ [How Portugal is advancing the use of eHealth in Europe | Healthcare IT News](#)

⁶¹ <https://www.sns.gov.pt/monitorizacao-do-sns/receita-sem-papel/>

⁶² <https://www.sns24.gov.pt/guia/app-sns-24/#quais-os-servicos-que-estao-disponiveis-nesta-app>

⁶³ [Digital Health Laws and Regulations Report 2023 Portugal \(iclg.com\)](#) and [How can SNS 24 help me?](#)

⁶⁴ <https://www.sns24.gov.pt/guia/app-telemonit-sns-24/#o-que-e-a-telemonit-sns-24>; In this App, users can register vital signs or other biometric measurements performed by themselves. They can register automatically, through equipment connected wirelessly to their mobile phone, or manually. The App also allows the user to register, in digital media, responses to self-assessment questionnaires. The Telemonit SNS 24 App aims to respond to the need for continuous management of the health status of users, especially users with a chronic illness, thus enabling users who self-manage their health problems to have support and surveillance in this path. The platform already includes telemonitoring programs to monitor users with congestive heart failure, chronic obstructive pulmonary disease, COVID-19 disease, diabetes, and hospitalization at home (domiciliary). This platform was designed in order to be enabled to adapt to the needs of citizens being able of accompanying the citizen throughout their health journey. The use of this app is based on a prescription of a care programme according to the needs of the patient.

[For the healthcare professional, there is also a specific online platform – Telemonitorização SNS – where they can monitor all patients to which telemonitoring has been recommended.](#)

⁶⁵ <https://www.cnts.min-saude.pt/category/telessaude/telemonitorizacao/>

Area of application/ type of solutions	Login Websites	Apps	Webinars	Multi-disciplinary teleconferences (HCP-HPC)	Teleconsultation (HCP-patient)	Telemonitoring via devices
Prevention of Cancer	Yes, Biobanco.pt, focused on documenting cancer genomics EVITA, ⁶⁶ an association responsible for storing the clinical process of cancer patients' as well as supplying teleconsultation and genetic counselling	-	-	-	Yes, several Local Health Unit provide medical genetics teleconsultations aimed at assessing hereditary cancer risk. These consultations focus on analysing familial genetic markers associated with cancer predisposition, allowing for early identification of at-risk individuals and the implementation of preventive or surveillance measures when necessary.	Yes, DERM.AI project makes use of artificial intelligence to improve teledermatology processes between Primary Health Care and dermatology services in the National Health Service. ⁶⁷ This is not yet implemented at the national level and it is applicable to the pre-diagnosis.
Treatment of Cancer	-	Yes, MyIPO Lisboa ⁵⁵	-	Yes, weekly multidisciplinary tumour-board teleconferences via the Live platform between ULS Viseu Dão-Lafões and IPO Coimbra: patients are identified at the ULS and data are sent to IPO Coimbra, which schedules the sessions. Teams (radiology, gynaecology, pathology, medical oncology, surgery, etc.) discuss therapeutic decisions for breast and digestive cancers.	Yes, MyIPO Lisboa ⁶⁸	-
'Living with cancer'	-	-	-	-	-	Yes, Telemonit SNS24 ⁶⁹ – is a mobile application where

⁶⁶ <https://evitacancro.org/evita-platform/>

⁶⁷ <https://www.cnts.min-saude.pt/2020/02/18/derm-ai/>

⁶⁸ <https://play.google.com/store/apps/details?id=com.seamlink.gatewaybox.ipolisboa>

⁶⁹ <https://www.cnts.min-saude.pt/category/telessaude/telemonitorizacao/>

Area of application/ type of solutions	Login Websites	Apps	Webinars	Multi-disciplinary teleconferences (HCP-HPC)	Teleconsultation (HCP-patient)	Telemonitoring via devices
						users can access their personal clinical monitoring plan, proposed by an accompanying health professional. Citizens can collect data with: Scale, Oximeter, Track Blood Pressure Monitor, and Thermometer, among others.
Rehabilitation from Cancer	-	Yes, MyIPO Lisboa ⁵⁵	-	-	Yes, MyIPO Lisboa ⁵⁵	-
Palliative Cancer Care	-	-	-	-	-	-

Table 6 : Number of eHealth solutions available and in use – Portugal

Question	Answer	Comments/Experience
How many eHealth solutions (in the sense of medical devices and thus ‘authority approved/certified’) solutions are existing currently in your country in the context of cancer care/treatment?	1	Although Telemonit SNS24 is not classified as a medical device itself, it is a national eHealth platform that integrates data from certified biometric sensors (e.g., blood pressure monitors, glucometers, oximeters, and thermometers) and supports remote monitoring for several conditions, including pulmonology and oncological follow-up. These devices comply with the EU Medical Device Regulation (MDR 2017/745)
Is there a website or other information on solutions that are recommended to the public for use (e.g. a selection of health apps that are recommended to cancer patients or in general)?	Not at the national level. However, some associations and healthcare institutions recommend specific solutions, such as:	<ul style="list-style-type: none"> • Recommended by the Associação de Enfermagem Oncológica Portuguesa [Portuguese Oncology Nursing Association]: iGest Saúde⁷⁰ - to promote the monitoring and control of therapeutic regimen management in people with cancer disease undergoing chemotherapy/immunotherapy treatment. • Recommend by IPO Coimbra: IConnecta⁷¹- breast cancer patients, in the first year of active oncology treatment, have access to health professionals who will monitor their needs and can hold video conferences.
Can you give an estimation on how the split between private and public apps are available? Give an estimate percentage of public solutions.	N/A	No further information available.
How can providers and patients assess if the apps are reliable? Is there a certification or quality approval procedure in place? If yes, which kind of procedure?		<p>Apps that are medical devices follow the appropriate requirements in accordance with the Medical Device Regulation. In Portugal, INFARMED - Autoridade Nacional do Medicamento e Produtos de Saúde, I. P. the national authority responsible for regulating and supervising the sectors of medicines and health products (medical devices and cosmetic and body hygiene products), according to the highest standards of public health protection, ensuring their quality, effectiveness and safety and ensuring its access to citizens and health professionals.</p> <p>General wellness apps do not follow an official certification process, nonetheless there are requirements recommended in terms of accessibility and usability among other. In addition, systems that communicate with HER or other sensitive information in this domain, must follow a specific set of requirements in terms of interoperability and cybersecurity, among others.</p> <p>SPMS has a mission and commitment to make the SNS website available 24 Contact Center of the National Health Service, in accordance with Decree-Law No. 83/2018, of October 19, which transposes Directive (EU) 2016/2102 of the European Parliament and of the Council, on the accessibility of websites Web and mobile applications. A website⁷² presents different requirements and actions towards accessibility.</p>
How many Health Care Providers use such solutions? Which sector uses rather which types of solutions?	87% of hospitals and 44% of HCPs (2019)	

⁷⁰ <https://www.aeop.pt/projeto-igest-saude/>

⁷¹ <https://www.ipocoimbra.min-saude.pt/2020/07/24/ipo-coimbra-mais-proximo-de-doentes-com-cancro-atraves-de-app-pioneira/>

⁷² <https://www.sns24.gov.pt/acessibilidade/#i-estado-de-conformidade>

Further information:

- In a study⁷³, it was surveyed the scope and nature of existing telemedicine services, under the legislation in force, analyzed the available supply and assessed access to telemedicine services in NHS hospitals. Data from the Portuguese Institutes of Oncology (IPOs) was collected. For example, in terms of Telemedicine services available, by provider, all IPOs have already in place real-time teleconsultation. IPO from Coimbra and Lisbon were also using telescreening. Additional data can be found in this study.
- Digital image analysis in screening and diagnosis
- AI Data Analysis
- Currently, there is a collaboration ongoing with the Portuguese Society of Oncology to validate the public content for user consultation on the SNS 24 portal.⁷⁴

⁷³ Prestação de serviços de telemedicina nos hospitais do Serviço Nacional de Saúde [Provision of telemedicine services in hospitals of the National Health Service]. Entidade Reguladora da Saúde (ERS), 2022: <https://www.ers.pt/media/5oldn3b4/presta%C3%A7%C3%A3o-de-servi%C3%A7os-de-telemedicina-nos-hospitais-do-servi%C3%A7o-nacional-de-sa%C3%BAdade.pdf>

⁷⁴ <https://www.sns24.gov.pt/tema/doencas-oncologicas/tipos-de-cancro/>