

Mission on Cancer



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Why cancer?

- Cancer is one of Europe's top five major societal challenges
- The number of new cancer cases diagnosed is projected to increase by >25% in Europe by 2035
- Europe needs better and more equitable prevention and diagnosis, treatment and care, survival rates and post-cancer quality of life



Progress



✓ **13 Board meetings** between September 2019 and September 2020

2020, JAN Draft Discussion Paper

2020, FEB Draft Discussion Paper debated with the Assembly

2020, APR Draft Mission Outline discussed with Member States (Shadow Committee), MEP, Other Mission Board Chairs and Commissioner Gabriel

2020, MAY First pilots on CE and outreach with stakeholders

2020, JUN **Draft Mission Outline finalized mid-June**

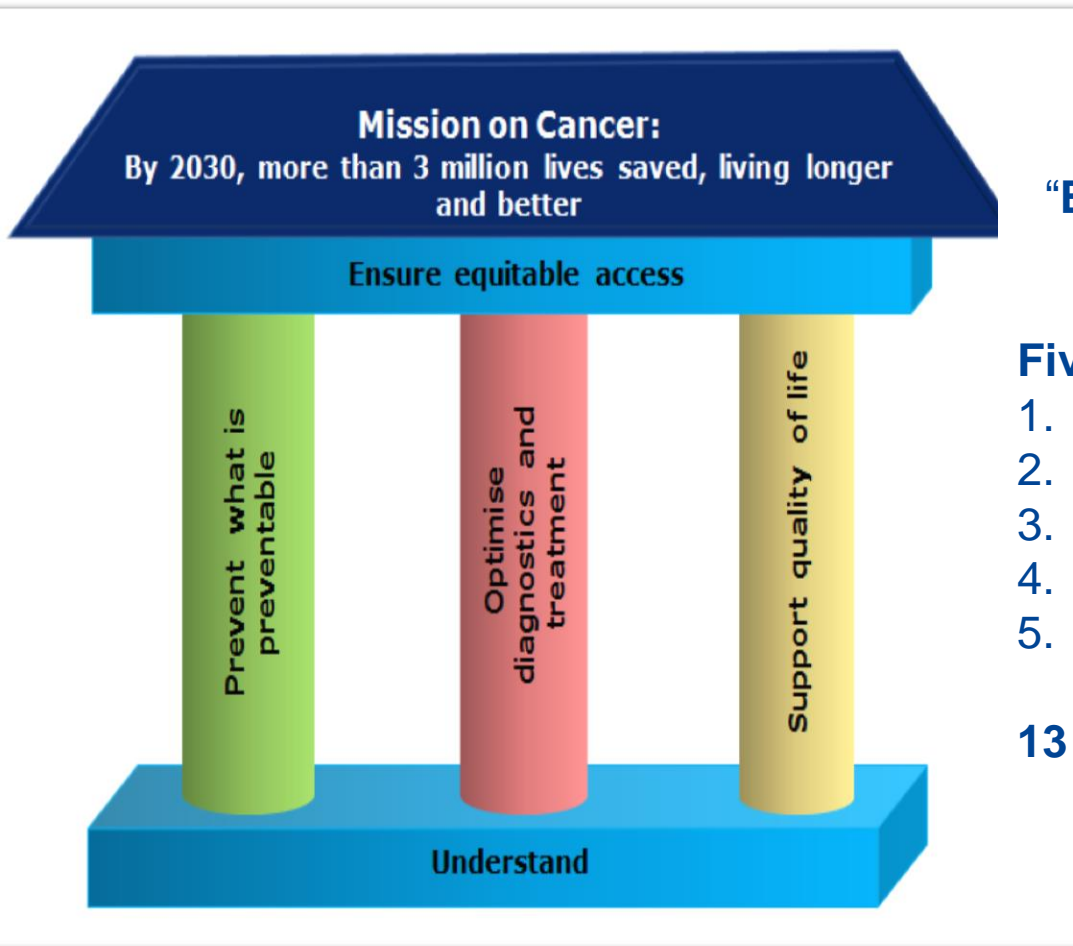
June - December 2020:

- Citizens engagement
- Develop first Mission R&I action and calls under Horizon Europe

Conquering cancer: mission possible



Draft Mission Outline



Goal:
“By 2030, more than 3 million lives saved, living longer and better”

Five intervention areas:

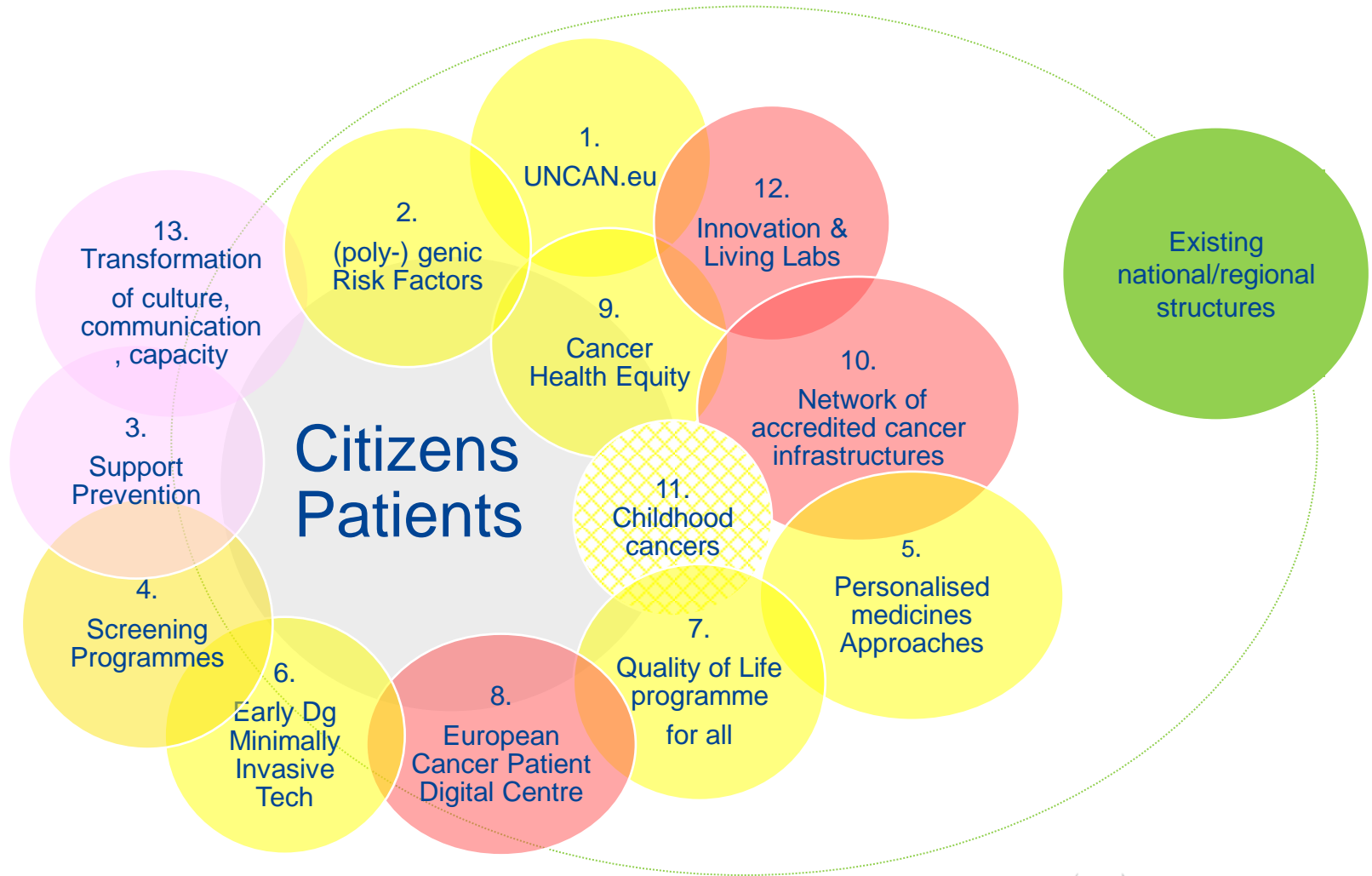
1. understanding
2. prevention
3. diagnosis and treatment
4. quality of life
5. equitable access

13 recommendations for bold actions

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- 1 Launch **UNCAN.eu** – a European Initiative to Understand Cancer
- 2 Develop an EU-wide research programme to identify **(poly-) genic risk scores**
- 3 Support the development and implementation of **effective cancer prevention strategies** and policies within Member States and the EU
- 4 Optimise existing screening programmes and develop **novel approaches for screening and early detection**
- 5 Advance and implement **personalised medicine approaches** for all cancer patients in Europe
- 6 Develop an EU-wide research programme on **early diagnostic and minimally invasive treatment technologies**
- 7 Develop an EU-wide research programme and policy support to improve the **quality of life of cancer patients and survivors, family members and carers**, and all persons with an increased risk of cancer
- 8 Create a **European Cancer Patient Digital Centre** where cancer patients and survivors can deposit and share their data for personalised care
- 9 Achieve **Cancer Health Equity** in the EU across the continuum of the disease
- 10 Set up a network of **Comprehensive Cancer Infrastructures** within and across all EU Member States to increase quality of research and care
- 11 **Childhood cancers** and cancers in adolescents and young adults: cure more and cure better
- 12 Accelerate innovation and implementation of new technologies and **create Oncology-focused Living Labs** to conquer cancer
- 13 **Transform cancer culture**, communication and capacity building

13 Recommendations citizens & patients centred



Recommended actions

Understanding

1. Create an EU platform for large-scale studies to understand tumours with an emphasis on poorly understood cancer, and use the platform to conduct large-scale studies
2. Promote a large-scale research programme to identify genetic and polygenetic cancer risk factors

Prevention

3. Create an EU platform for studies and actions to support, monitor and evaluate EU policy and legislation on implementation of cancer prevention
4. Facilitate optimisation of existing screening programmes and the development of new non-invasive and minimally invasive methods for screening and early detection

Treatment

5. Develop a coordinated European research programme on cancer-personalised medicine for optimized treatment in cancer patients

Recommended actions (continued)

Supporting quality of life

6. Promote a research programme to advance knowledge on the quality of life of cancer patients, survivors and carers

Equal access

7. Ensure equal access to cancer research, prevention, treatment and survivorship support in all EU Member States

8. Support the creation of at least one accredited national comprehensive cancer infrastructure in all EU Member States to enable the delivery of the Mission's actions

9. Ensure actions to understand, diagnose, treat and care for children, adolescents and young adults with and after (childhood) cancer

10. Support a European Cancer Patient Digital Centre

Other cross-cutting actions

11. Continue innovation and implementation of new technologies in order to conquer cancer

12. Promote a programme to transform healthcare culture towards person-centred cancer care

13. Promote a programme of dissemination for transformation of culture regarding cancer



Europe's Beating Cancer Plan

Part of President von der Leyen's mandate for Commissioner for Health, Stella Kyriakides

Actions to strengthen approach at every stage of disease (prevention, early detection and diagnosis, treatment and care, quality of life and survivorship)

Role of the Mission Board:

- Evidence base - to support effective actions as scientific advice body
- Accelerate - its recommendations will spur a recurring cycle between research, innovation and policymaking
- Engage - continuous dialogue with citizens / stakeholders to complement the consultation on the Cancer Plan

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- Consapevolezza
- Coordinamento
- Metodo
- Decisioni
- Management
- Controllo



Grazie per l'attenzione

**#HorizonEU #EUMissions
#MissionCancer #EUCancerPlan**

<http://ec.europa.eu/horizon-europe>