

Mission on Cancer



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This presentation is delivered by a member of the Horizon Europe Mission Board for Cancer, which is an informal group of experts set up by the European Commission to provide advice for the identification and implementation of missions in the future Horizon Europe programme. The contents of the presentation do not represent the official views of the European Commission nor do they constitute a commitment of any kind on its behalf.

Progress



✓ **12 Board meetings** between September 2019 and June 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**

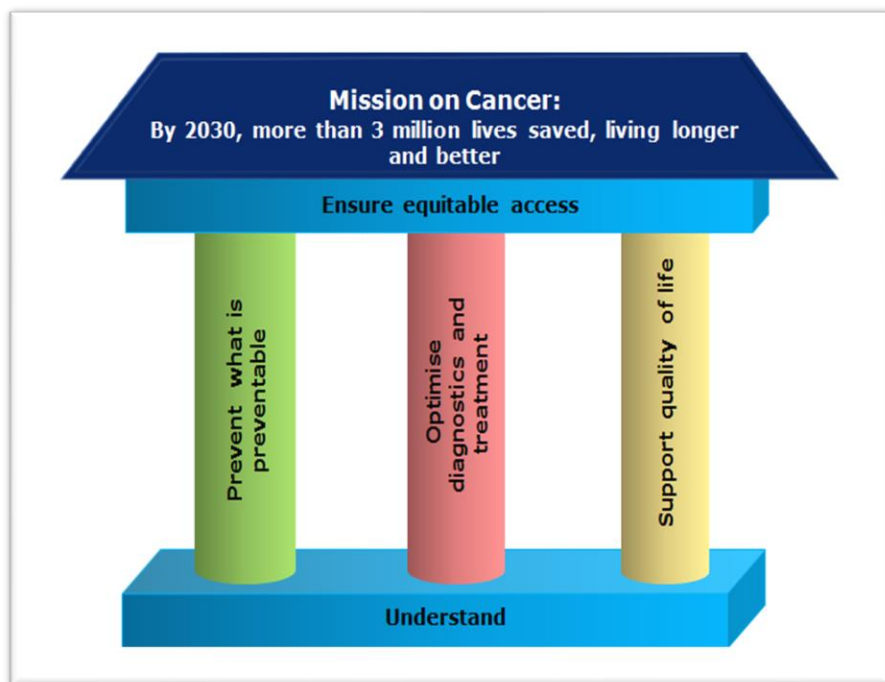
June - December 2020:

- 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:

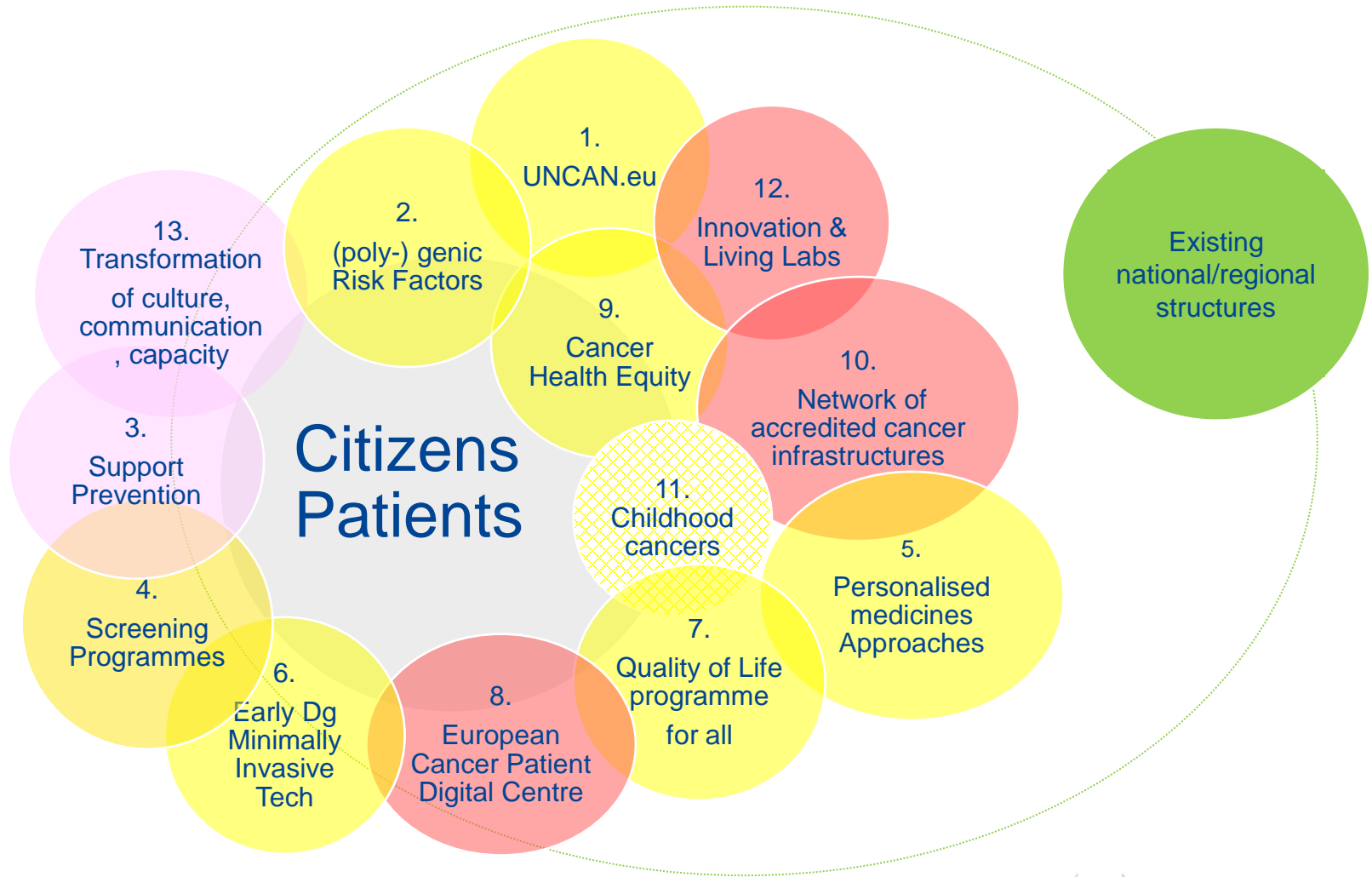
1. understanding
2. prevention
3. diagnosis and treatment
4. quality of life
5. equitable access

13 recommendations for bold actions

13 Recommendations for bold actions

- 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

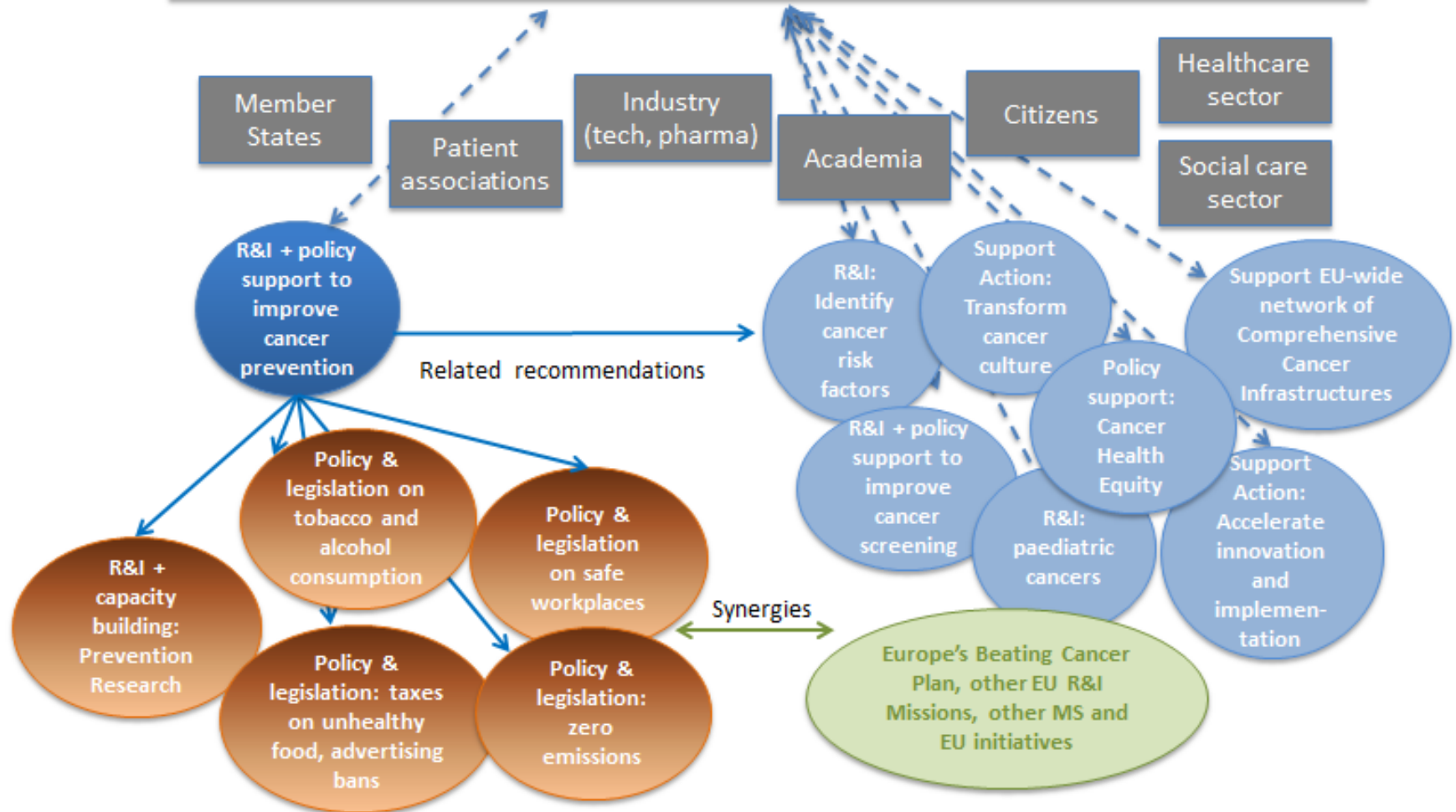
13 Recommendations citizens & patients centred



Prevention

Action area: Prevent what is preventable

By 2030, all EU Member States will have implemented comprehensive cancer prevention strategies, resulting in a reduction of preventable cancer cases of at least 25 %



Improve Quality of Life of cancer patients, survivors, family members, carers & all persons with an increased risk of cancer

Gain comprehensive understanding of the holistic needs
of all (subgroups) exposed to cancer

Identify and monitor
physical and mental health
problems

- Implement a health (survivor) passport
- Help survivors achieve their personal live goals
- Assert the right to be forgotten
- Counteract discrimination
- Strengthen legal position (patients/survivors/carers)

Develop appropriate
methods and metrics based
on personal life and values

- Develop research for innovative effective intervention
- High Quality research to limit (late) side-effects of cancer treatment, relieve pain and improve palliative care

Example

Increased understanding of cancer has substantially improved cancer prevention and treatment with more patients alive with and after cancer.

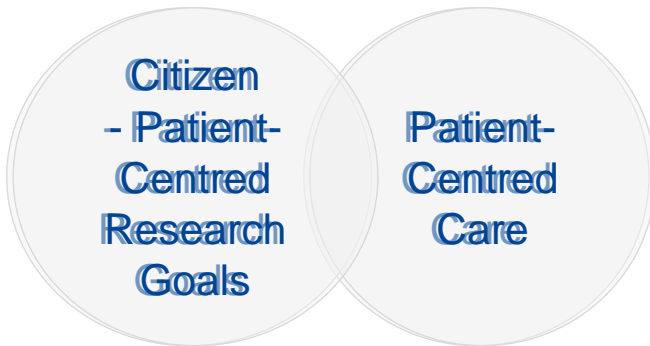
But thinking and communicating about cancer in research, healthcare and society has not substantially changed in the same manner.

➤ Transformation is needed to save more lives, live better and longer.

Transform cancer culture, communication, capacity building



**Raise awareness
of a paradigm shift**



**Provide accessible
language & adapted
communication tools**

EU-wide Cancer
R&I dissemination
& Communication



**Train all stakeholders,
Adapt skills and competences
to the changing field of cancer**

Capacity Building



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



Thank you!

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

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