

EU'S PATH TO COMPETITIVENESS

How digital, energy and health can lead the way forward

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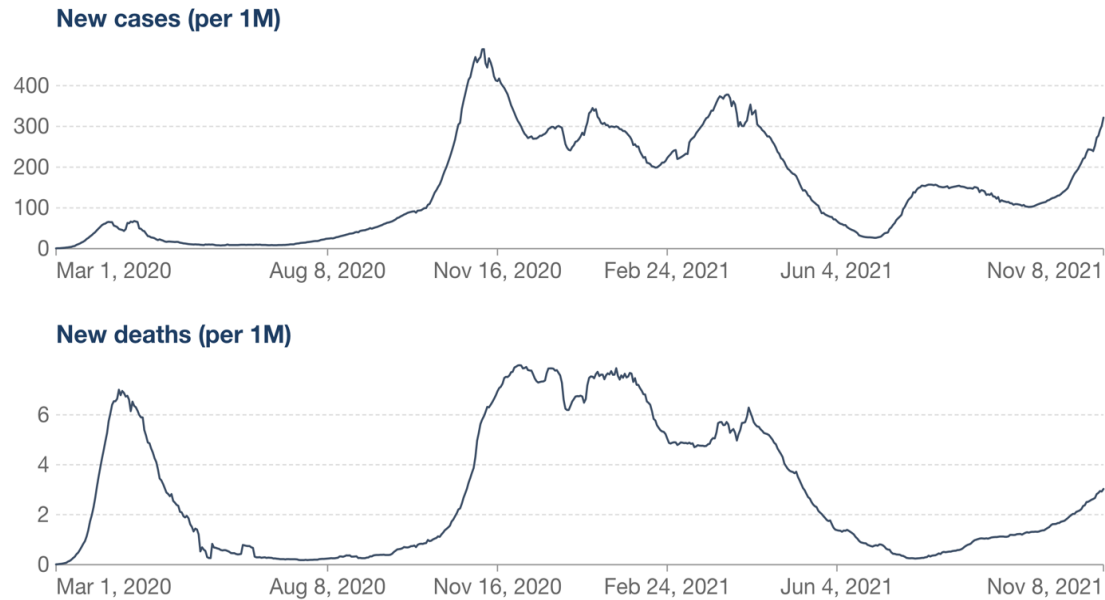
HEALTH



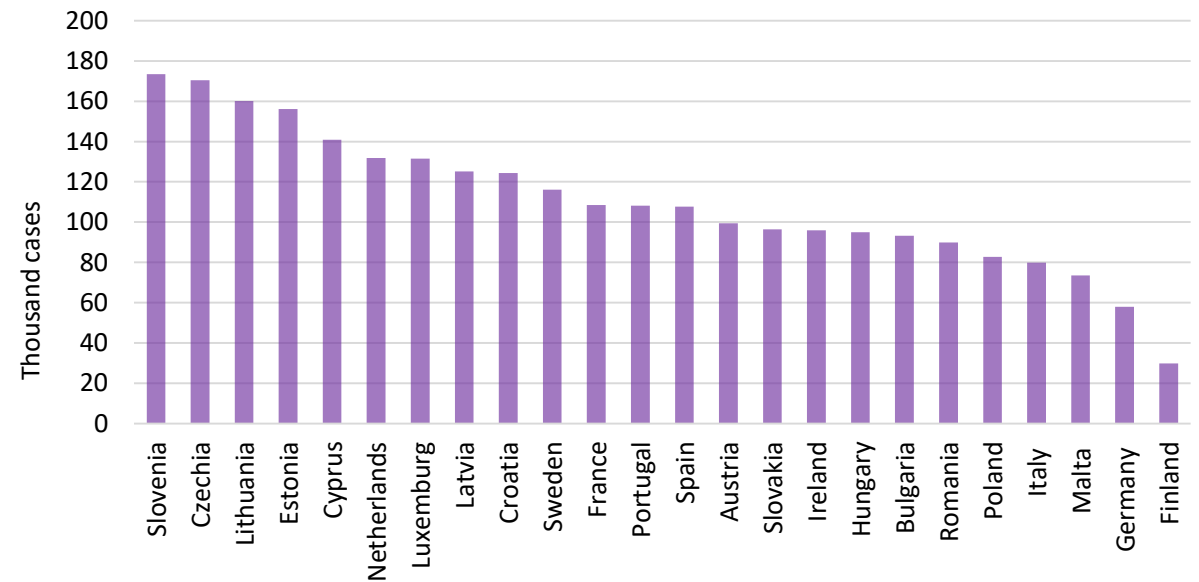
THE EUROPEAN PUBLIC HEALTH RESPONSE TO THE CORONAVIRUS PANDEMIC

Covid-19 in Europe. First outbreak and current situation

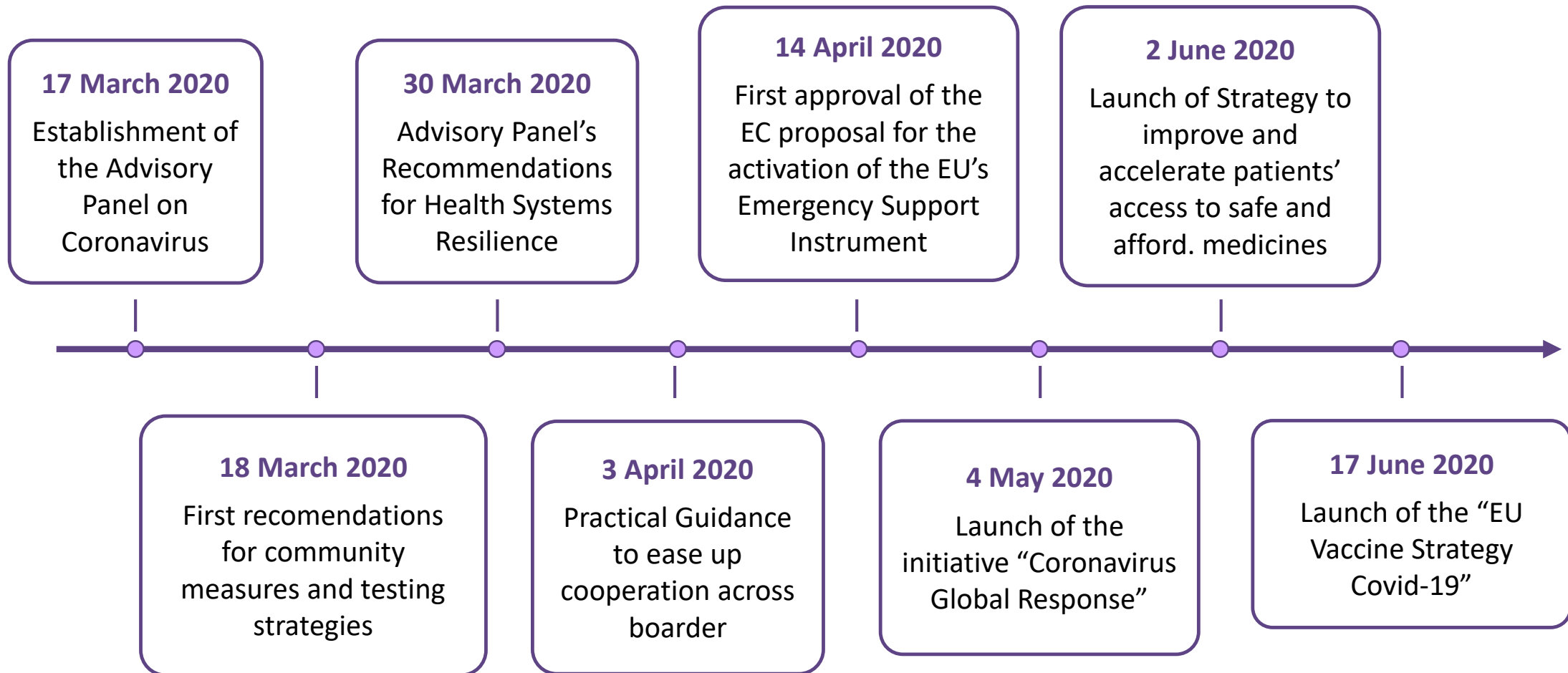
Daily new confirmed Covid-19 cases and deaths per million people (7-days rolling average)



Cumulative confirmed COVID-19 cases per million people (until 9th November 2021)



EU first institutional response to the Covid-19



TOWARDS A EUROPEAN HEALTH UNION



- ANTICIPATE
- ABSORB
- RECOVER
- ADAPT

“We cannot wait for the end of the pandemic to repair and prepare for the future. We will build the foundations of a stronger European Health Union in which 27 countries work together to detect, prepare and respond collectively”

Ursula von der Leyen, President of the European Commission, speaking at the World Health Summit (25 October 2020)



EUROPEAN HEALTH UNION

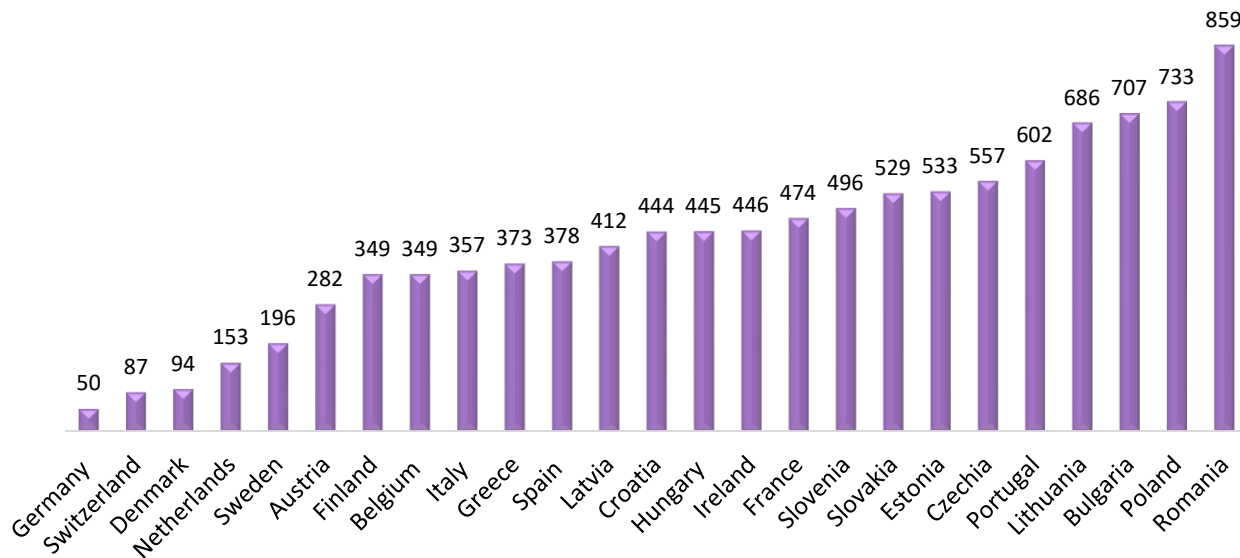
KEY INITIATIVES:

- ✓ Pharmaceutical Strategy for Europe
- ✓ Crisis preparedness and response measures and the
- ✓ European Plan to Beat Cancer

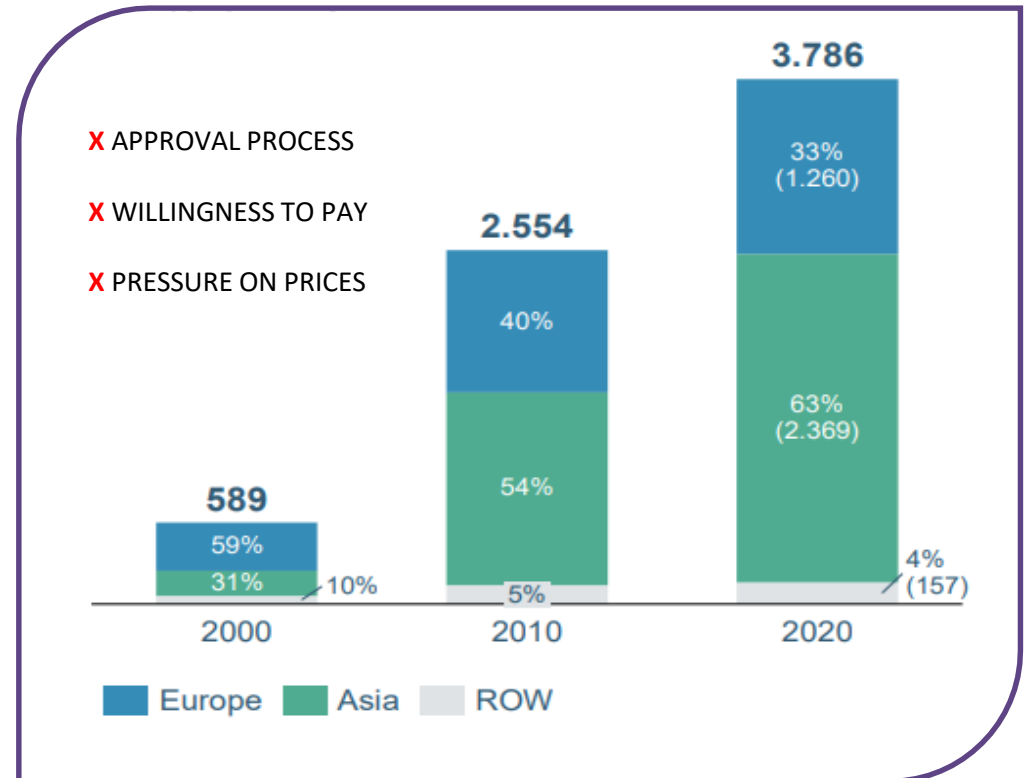
THE STRATEGY AIM

Promote competitiveness, the ability to innovate and the sustainability of the EU pharmaceutical industry

Median time to availability for all new medicines (2015-2019), days



Development of the number of valid CESP (2000 – 2020)





New Regulation on Serious Cross-border Health Threats

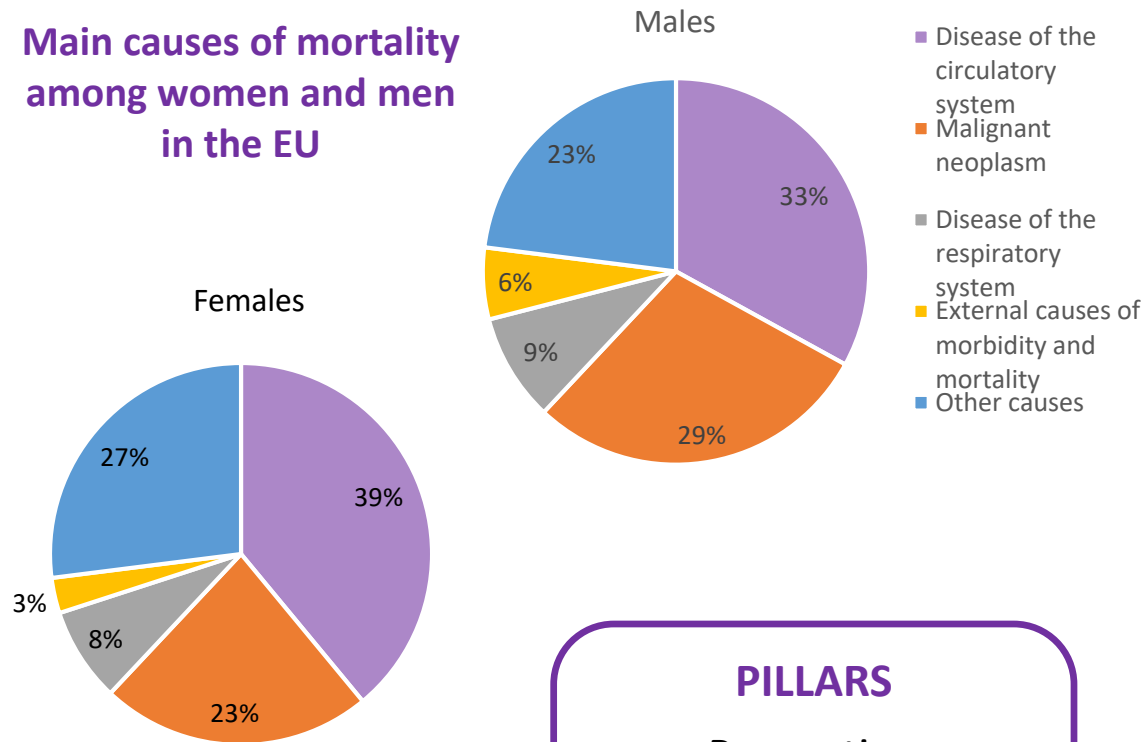
Article 1

Subject matter

1. In order to address serious cross border threats to health and the consequences thereof, this Regulation lays down rules on:
 - (a) the health security committee
 - (b) preparedness and response planning, including:
 - (i) preparedness plans at Union and national levels;
 - (ii) reporting and auditing on preparedness;
 - (c) joint procurement of medical countermeasures;
 - (d) epidemiological surveillance and monitoring;
 - (e) the network for epidemiological surveillance
 - (f) the early warning and response system;
 - (g) risk assessment;
 - (h) coordination of response;
 - (i) recognition of a public health emergency situation at Union level.
2. This Regulation establishes:
 - (a) a network of EU reference laboratories for public health;
 - (b) a network for substances of human origin;
 - (c) an advisory committee for the occurrence and recognition of emergency situation at Union level.

Europe's Beating Cancer Plan: a political commitment

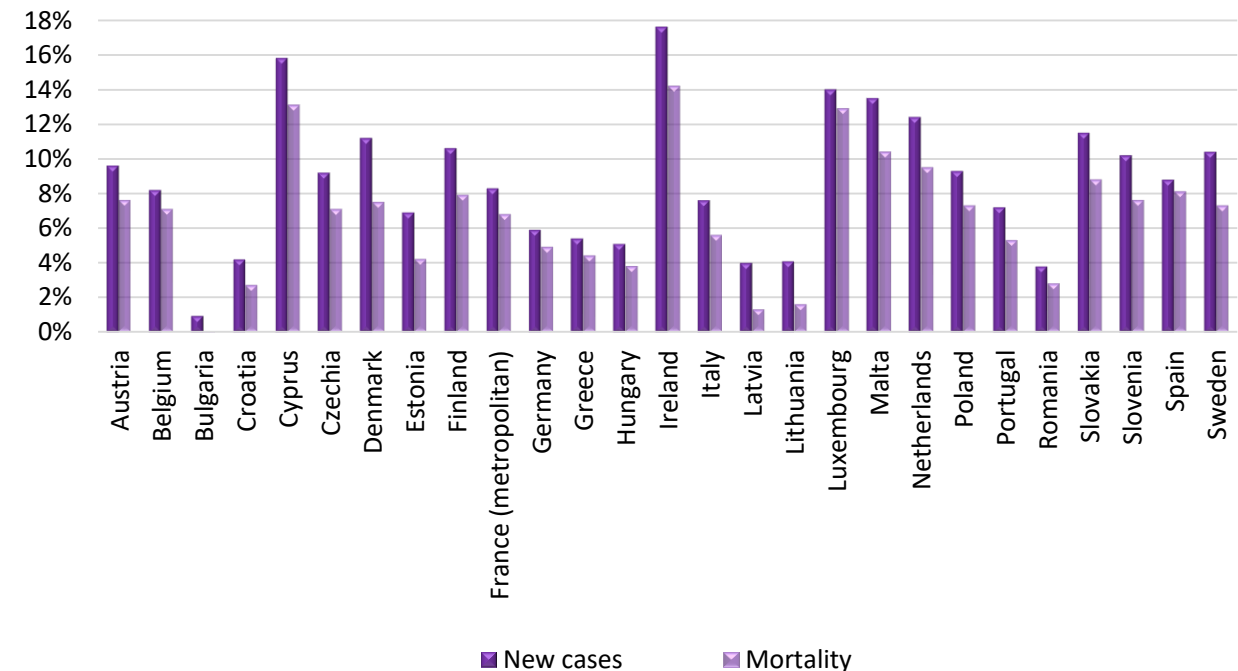
Main causes of mortality among women and men in the EU



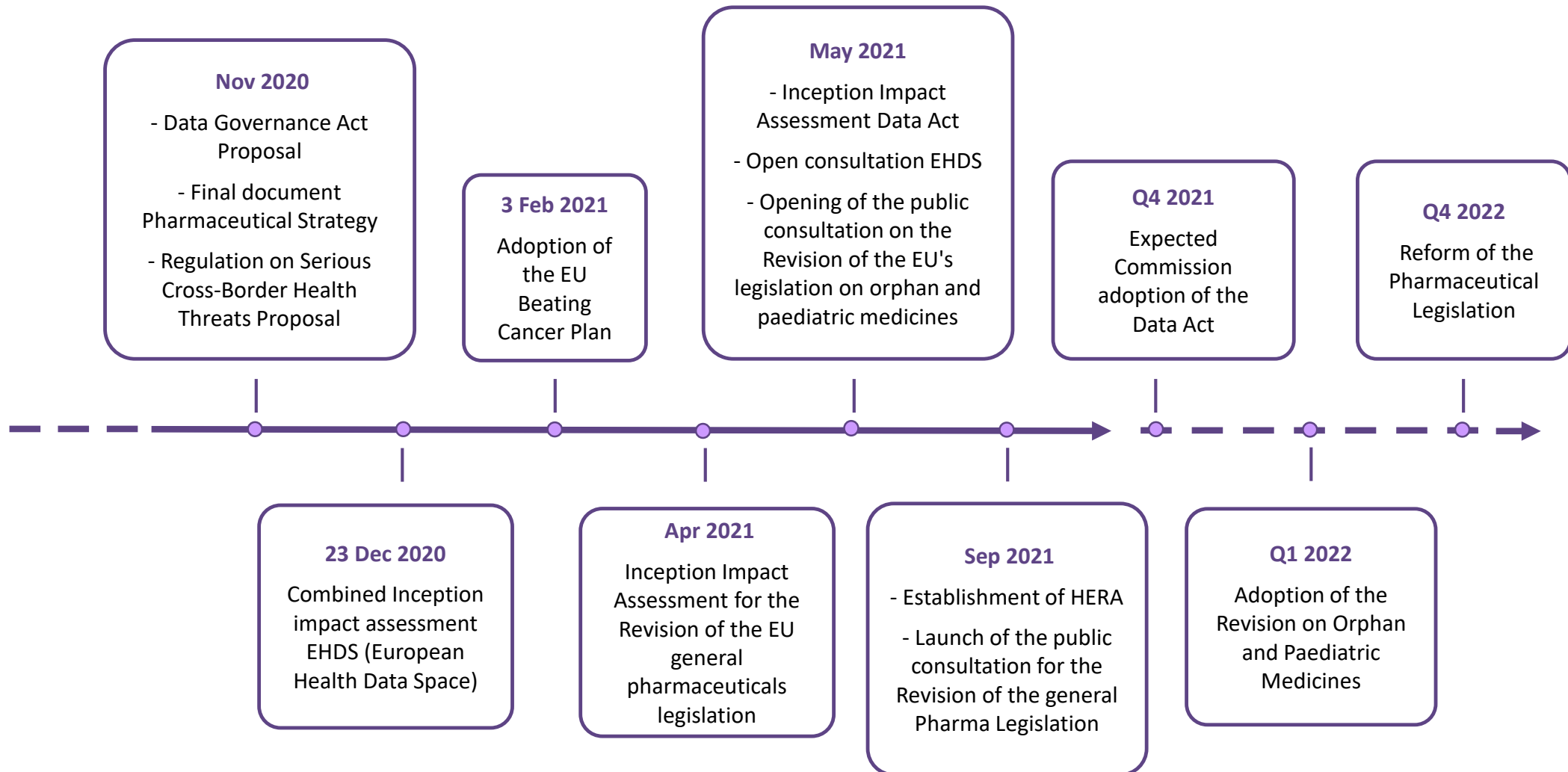
PILLARS

- Prevention
- Early diagnosis
- Treatment
- Follow-up care

Predictions for all cancers, new cases and mortality change (%) in 2025 vs 2020 per country

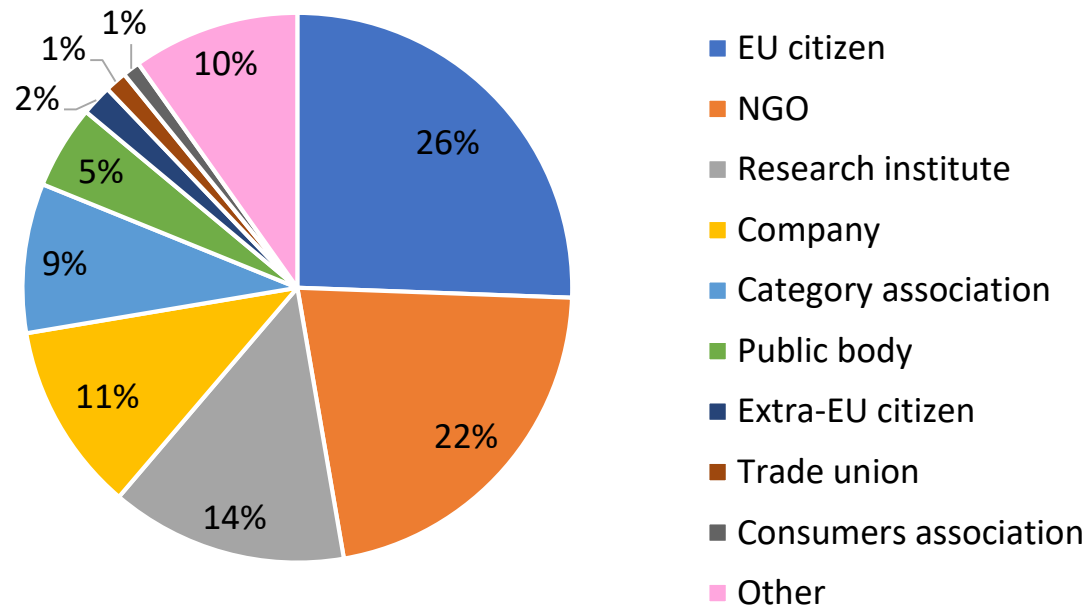


Towards a European Health Union roadmap



THE EU HEALTH DATA SPACE AND ITS CRUCIAL ROLE FOR A STRONGER EU HEALTH UNION

Respondents to the open consultation on EHDS by category
(ending on 26 July 2021)



The EHDS aims to provide a common framework across EU Member States for the sharing and exchange of quality health data such as electronic health records, patient registries and genomic data

THE MISSION
Vision, process and means to accelerate this transition towards the healthcare digital transformation

POLICY OPTIONS



- Further **collaboration** is required in Europe to face health challenges; as we observed, the **management of pandemics does not respect borders** and requires forms of collective action to face the challenges;
- The pandemic led the Commission to focus on **reconsidering the European Health ecosystem in the long run**;
- The key initiatives to build a European Health Union include a **Pharmaceutical Strategy for Europe, crisis preparedness and response measures** and the **European Plan to Beat Cancer**;
- The creation of a **European Health Data Space** remains one of the **main priorities** for the Commission;
- A better access to health data would improve both research and development, and health systems and policies. But the peculiarity of **the secondary use of health data requires a specific mechanism and cannot be governed by horizontal legislation alone**;
- The **collection and the storage of data**, as well as their interchange between hospitals and among countries, **will become increasingly critical for delivering effective healthcare**.