



# An unmet health-related needs evidence database and research infrastructure to guide healthcare policy and innovation











#### **Background and objective**

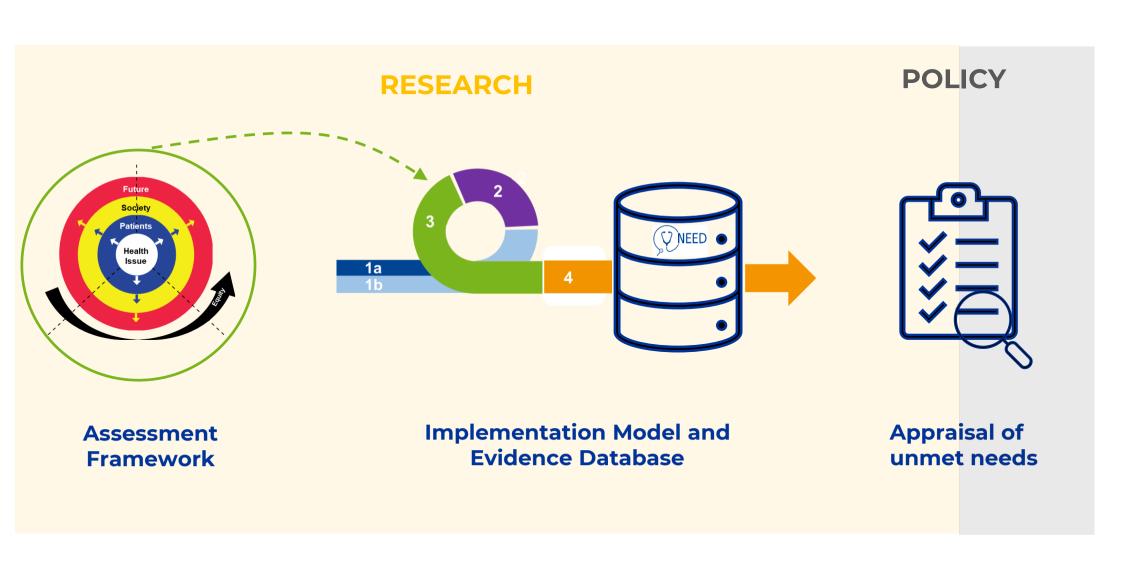
**Background:** No common definition of unmet needs → priorities not based on unmet needs → misalignment of innovation with public health needs

**Aim:** Move towards a more needs-driven healthcare policy and innovation

**Objective:** Develop, host and maintain an evidence database on patient and societal unmet needs in different health conditions

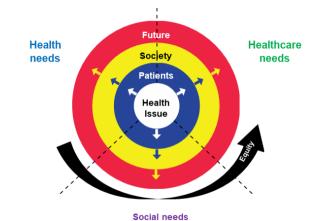


#### The NEED Approach: identification and measurement of unmet health-related needs



## The NEED Assessment Framework: criteria

Domains



#### **Dimensions**

	Patients	Society	Future
Health needs	<ul><li>Impact on:</li><li>Life expectancy</li><li>General HRQoL</li><li>Physical health</li><li>Psychological health</li><li>Autonomy</li></ul>	<ul><li>Frequency</li><li>AMR</li><li>Transmissibility</li><li>Burden on informal caregivers</li></ul>	• Future burden of disease
Healthcare needs	<ul><li>Effectiveness of Tx</li><li>Quality of care</li><li>Burden of Tx</li><li>Accessibility</li></ul>	<ul> <li>Preventability</li> <li>Value for money of standard of care</li> </ul>	• Future
Social needs	<ul><li>Impact on:</li><li>Social life</li><li>Education</li><li>Work</li><li>Financial consequences</li></ul>	<ul> <li>Productivity         losses</li> <li>Environmental         impact of         standard of care</li> </ul>	economic burden



### Populating the NEED database: 4-step implementation model

Evidence collection on the criteria of the NEED framework: review of literature & databases, patient survey & interviews, expert opinion

Identification of health conditions for unmet needs research

Existing databases

 Call for proposals: from patients, healthcare providers, general public



Prioritisation and selection of health conditions for unmet needs research

4

Dissemination of unmet needs evidence



#### The NEED database: example of output

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Joint pain or inflammation



#### NEED research infrastructure: activities



















#### **Expected impact of the NEED**database and research infrastructure



Improved prioritisation of the most pressing unmet patient and societal needs in funding and reimbursement decisions



Increased predictability for developers and researchers



Enhanced collaboration and sharing of information within and across European countries



More patient-centred health systems



Reduced disease burden in the long-term

# Thank you for your attention!



https://www.health-needs.eu