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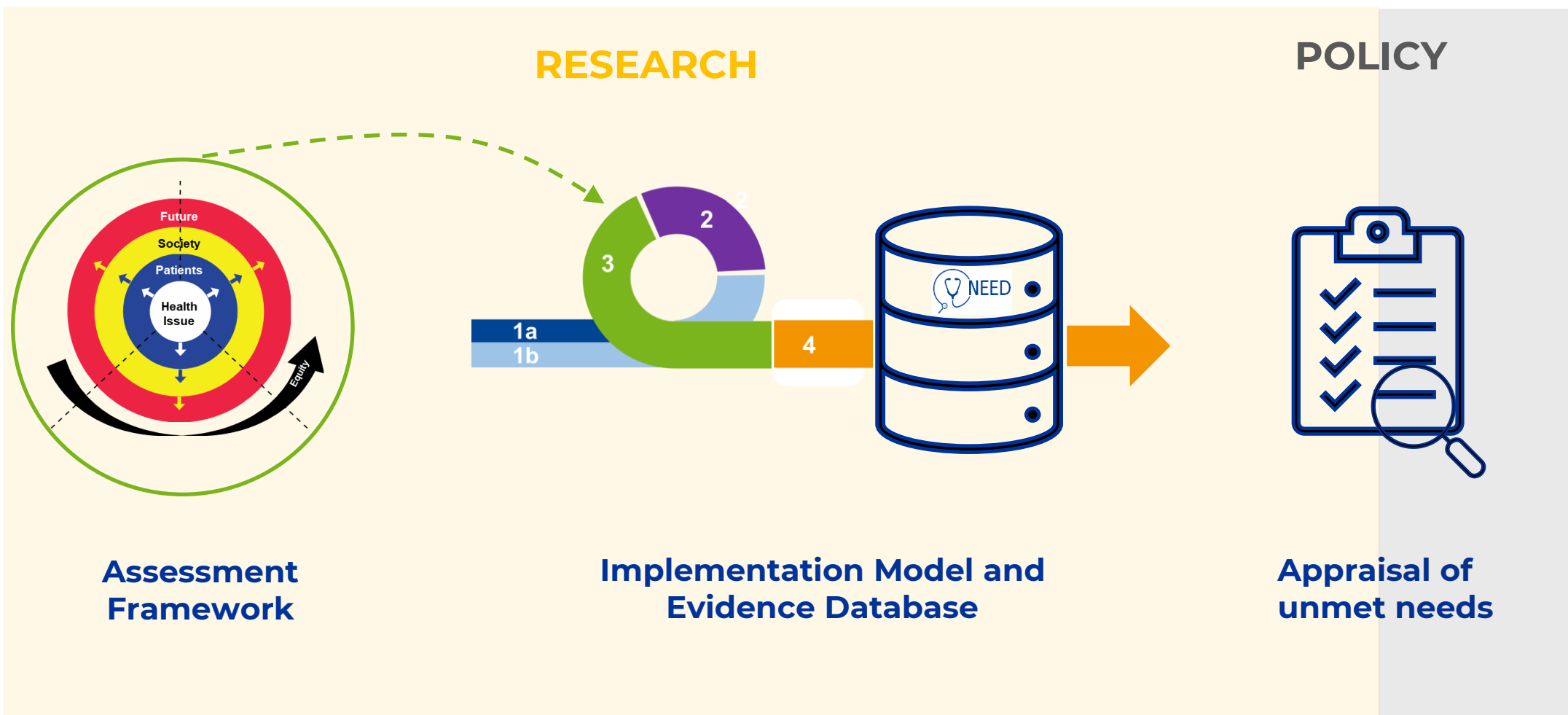
Background and objective

Background: No common definition of unmet needs → priorities not based on unmet needs → misalignment of innovation with public health needs
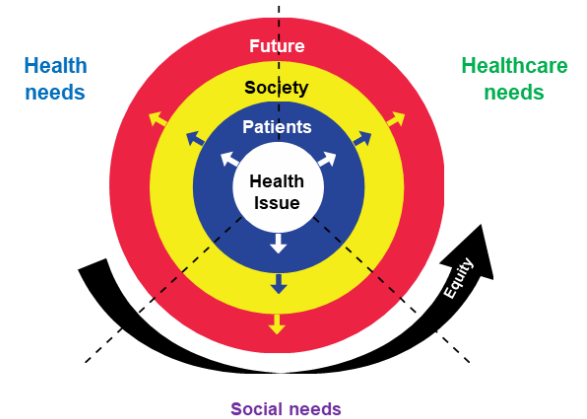
Aim: Move towards a more needs-driven healthcare policy and innovation

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

RESEARCH

POLICY

**Assessment Framework**

Implementation Model and Evidence Database

Appraisal of unmet needs

The NEED Assessment Framework: criteria

Dimensions

Domains

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

Equity

Populating the NEED database: 4-step implementation model

NEED

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

Prioritisation and selection of health conditions for unmet needs research

2

3
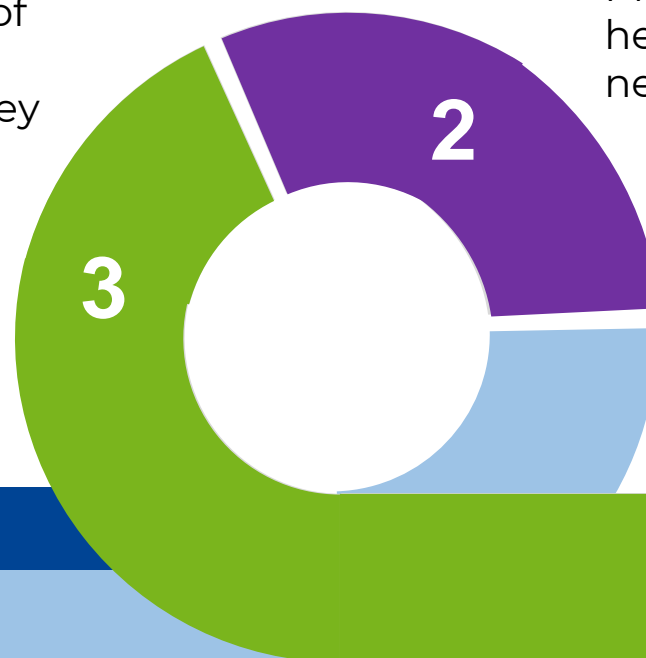
Identification of health conditions for unmet needs research

- Existing databases

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

1a

1b

4

Dissemination of unmet needs evidence

The NEED database: example of output

NEED research infrastructure: activities

NEED

Coordination

Standardisation of research methods

Training

Evidence Database

Data collection
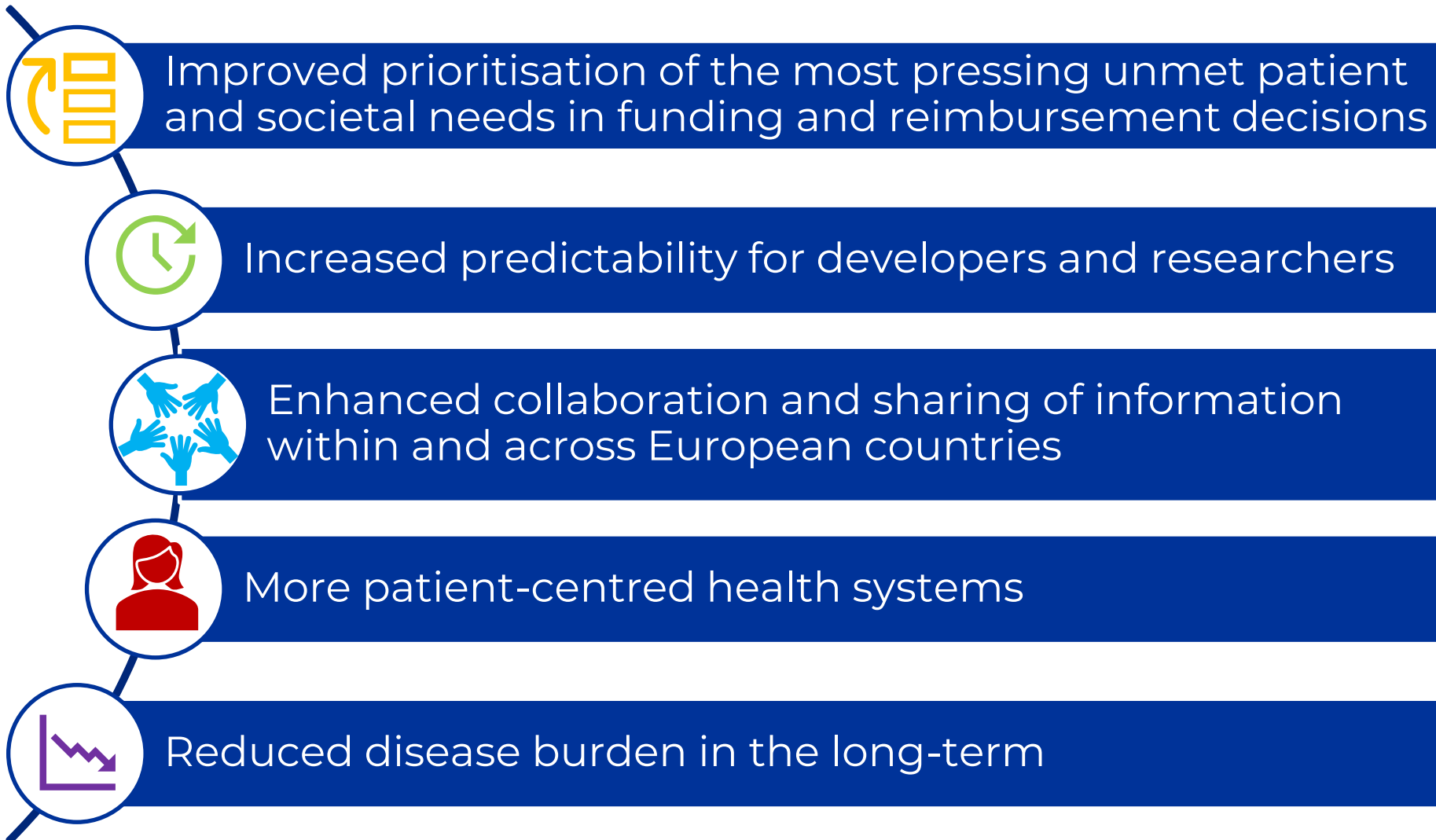
Dissemination

NEED

Maintenance

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