



mHealth: a Global Perspective

***OECD Expert Consultation on Mobile
Technology-Based Services for Global Health
& Wellness***

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eHealth @ WHO

Global advocacy and leadership

- Interagency partnerships
- Intersectoral collaboration
- Agenda setting

Global networks

- NGOs and CCs
- Professional associations
- Industry associations
- Academia

eHealth
Unit

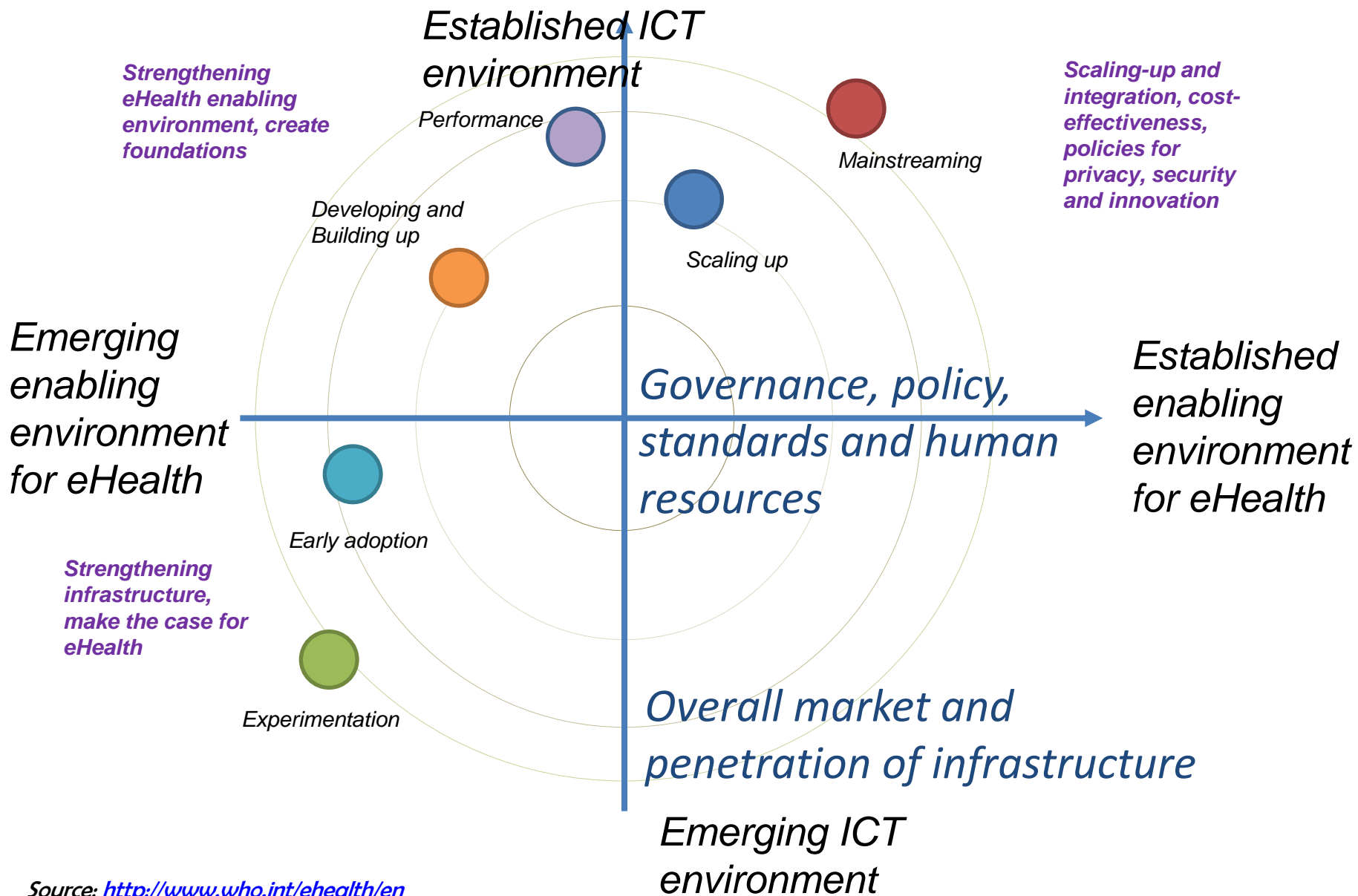
Technical expertise

- Global situation, trends and evidence
- Tools and services
- Norms and standards
- Governance, strategies, ethics

Strengthening WHO

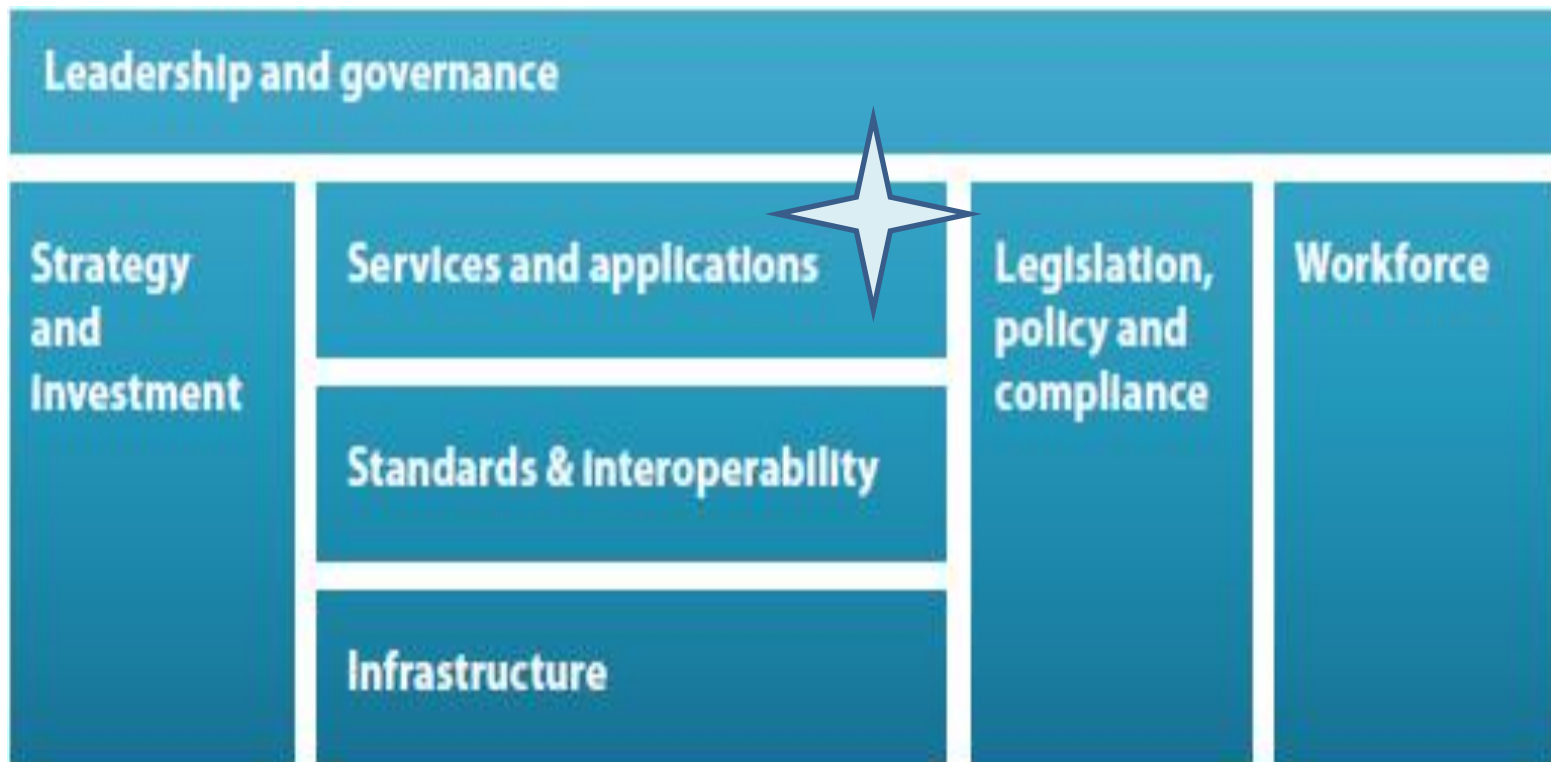
- Capacity
- Coordination
- Quality

National context for eHealth development



National eHealth components

eHealth components are introduced or strengthened through a strategy. All components are considered, even if not addressed in the final strategy.



GOe Survey 2015: Areas covered

- **eHealth applications:** public services, knowledge services, provider services
- **Enabling policies and strategies:** citizen protection, equity, diversity, interoperability, capacity development
- **Foundations:** governance, policy, funding, infrastructure



mHealth: Selected findings, 2015

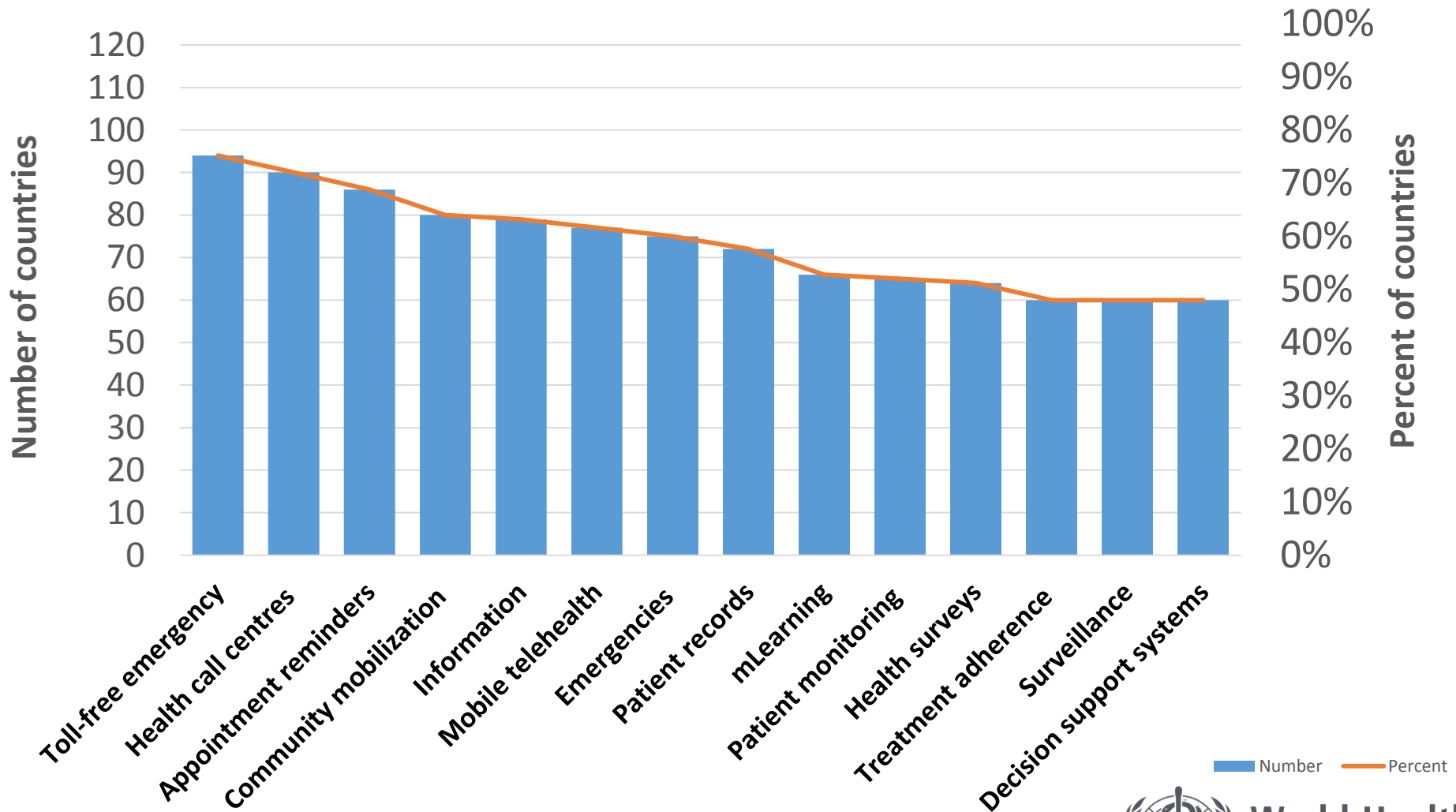
- Over 80% of 125 responding countries have government-sponsored mHealth programmes
- mHealth is primarily guided by eHealth and telehealth policies (60%), but no specific policy guidance in 30% of countries
- Over half of Member States are actively promoting mHealth and providing guidance in standards, privacy and security



Selected findings (2)

- Gaps include policies on data ownership, regulation of devices, oversight of mobile health apps and evaluation
- mHealth primarily extends current health programmes & services, at national or local level (vs international)
- Countries have a mix of pilots and established programmes, the latter are growing

Adoption of mHealth programmes by type, 2015

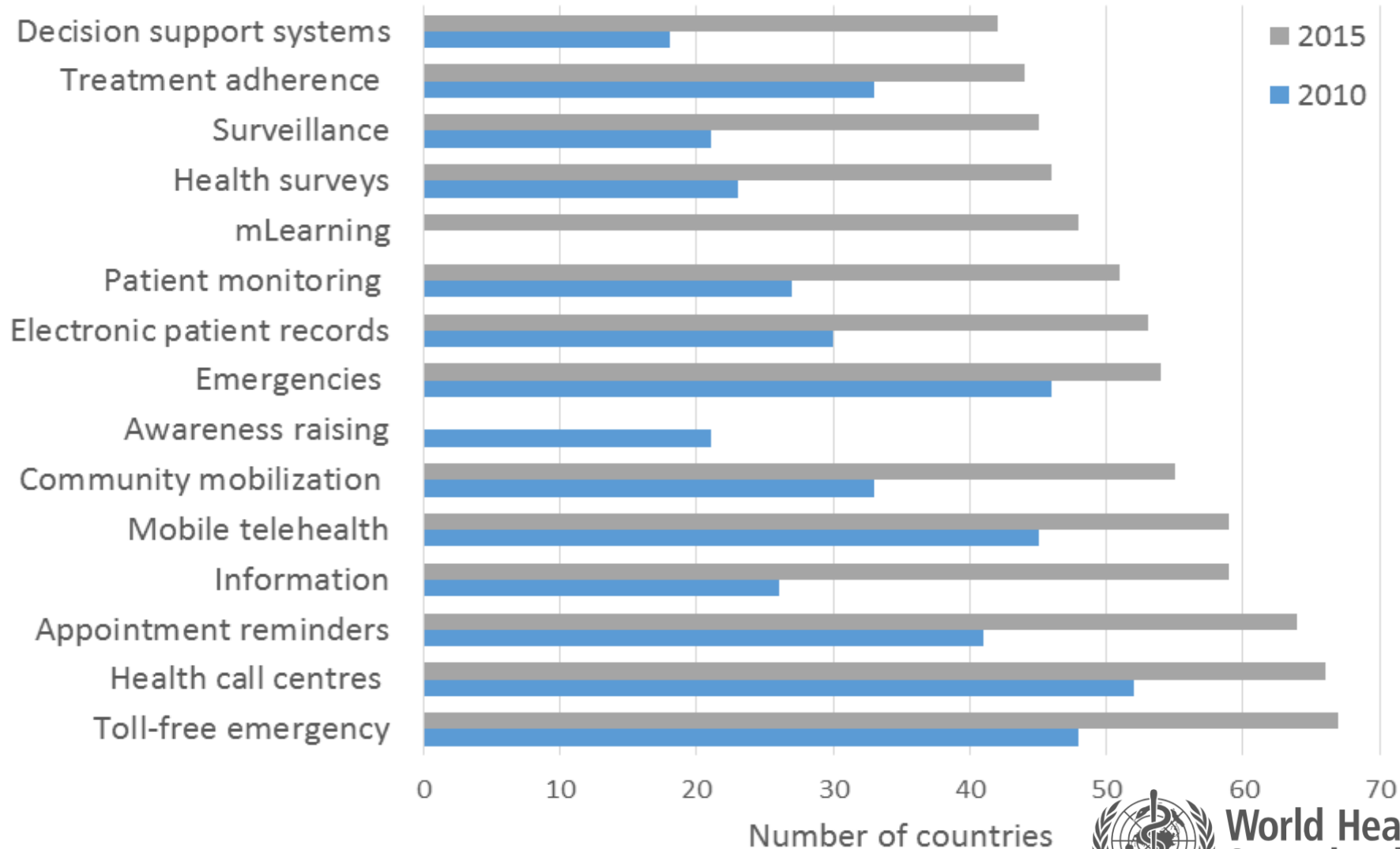


Source: WHO Global Observatory for eHealth, 2016



World Health Organization

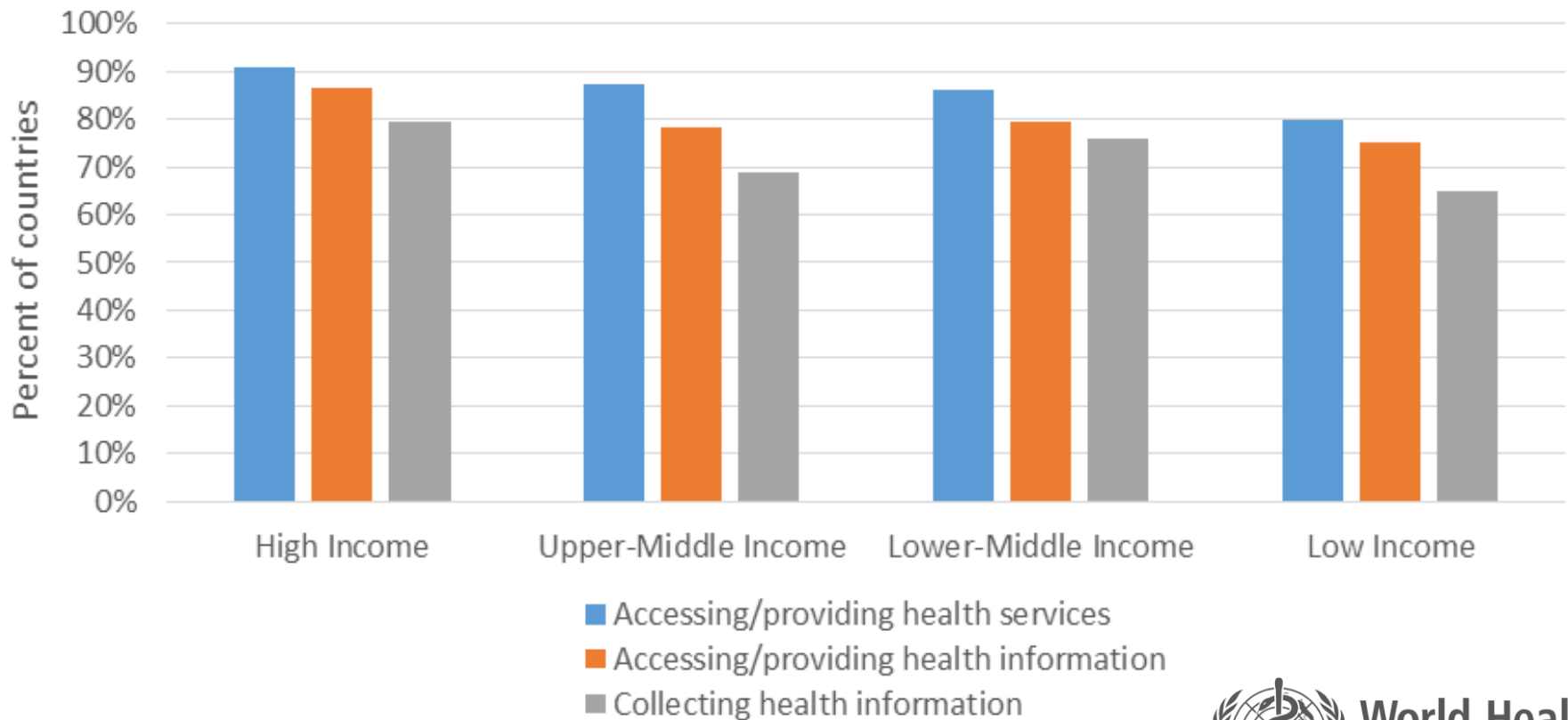
mHealth programmes in countries reporting in 2010 & 2015



Source: WHO Global Observatory for eHealth, 2016

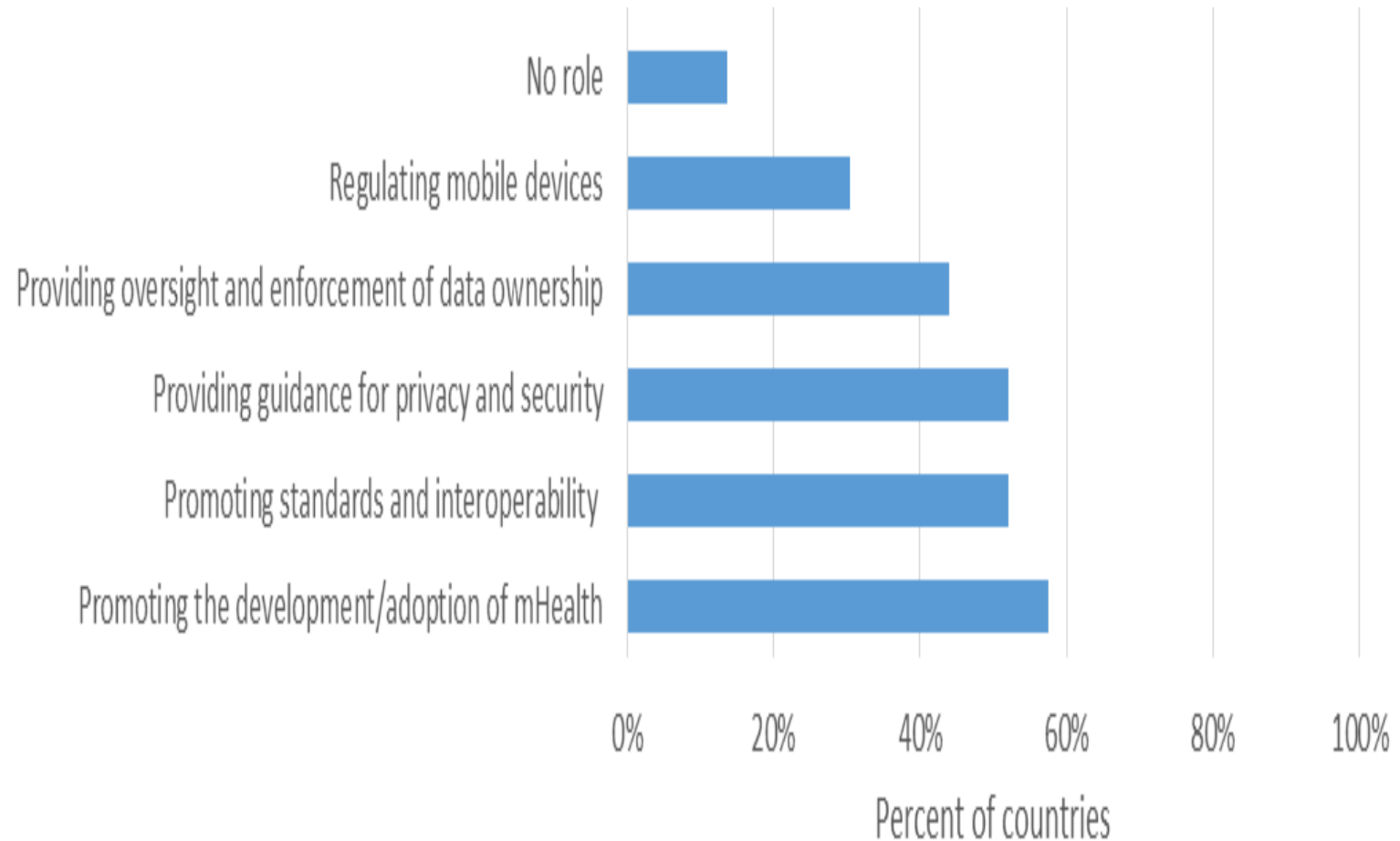
mHealth programmes support health services in all income groups

Percent of countries reporting mHealth initiatives, by World Bank Income Group

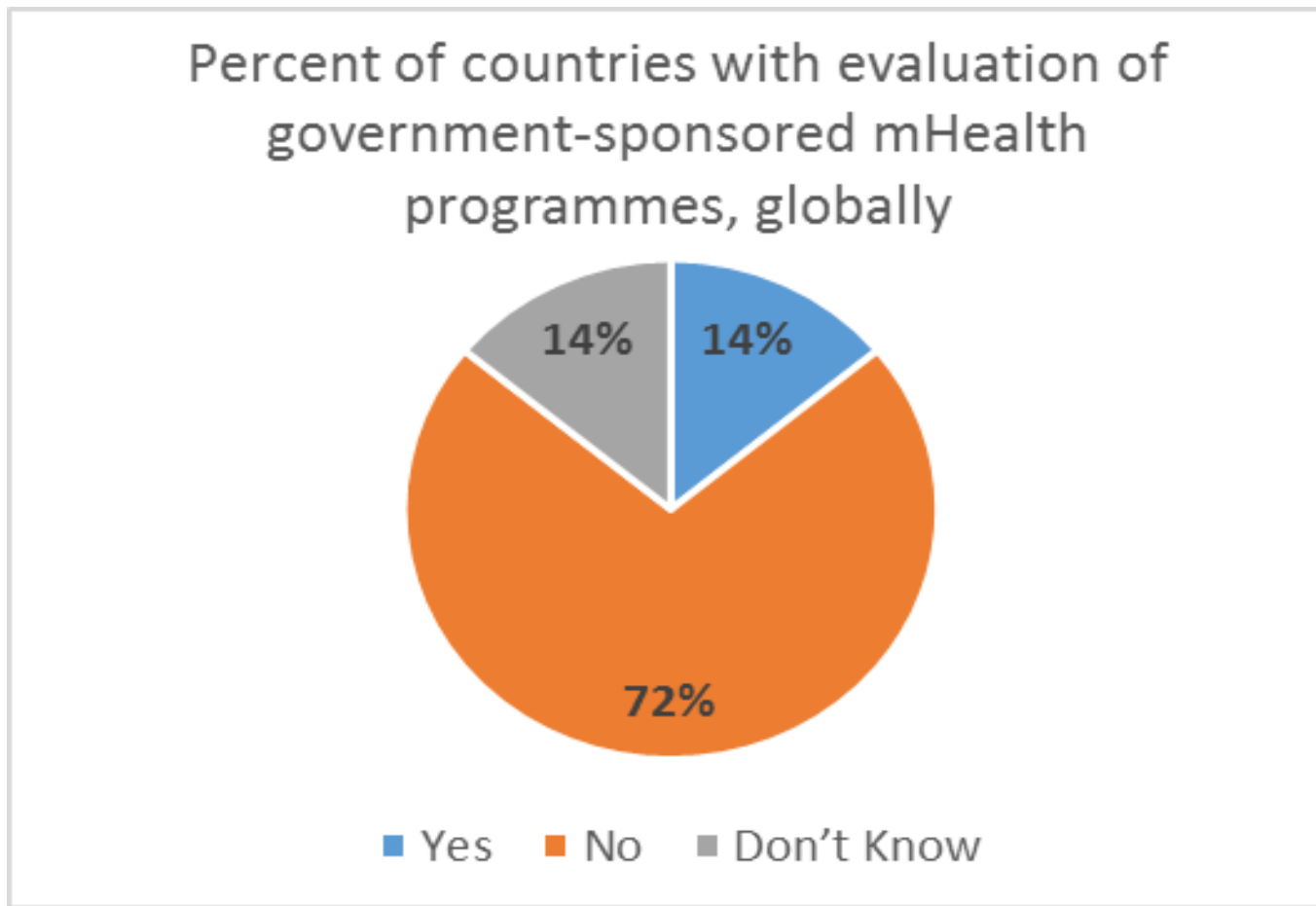


Source: WHO Global Observatory for eHealth, 2016

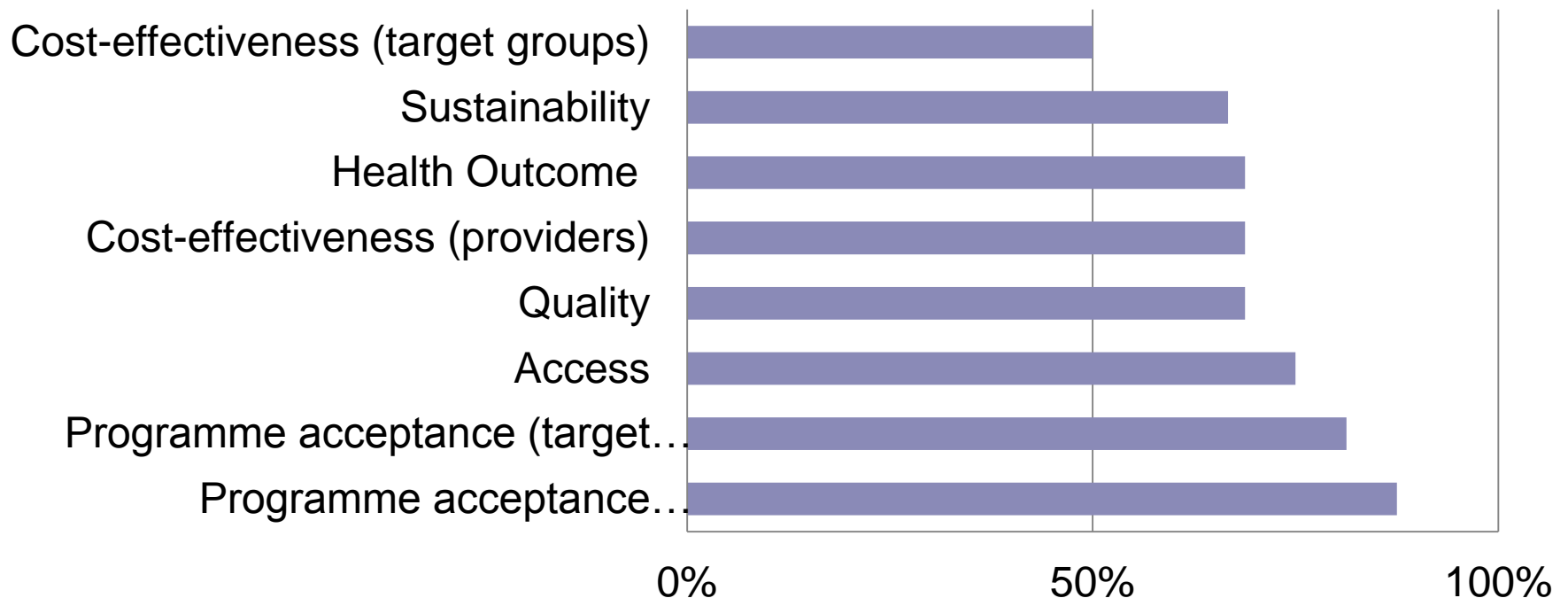
Role of national health authorities in mHealth, globally, 2015



The evaluation gap is significant (2015, n=122)

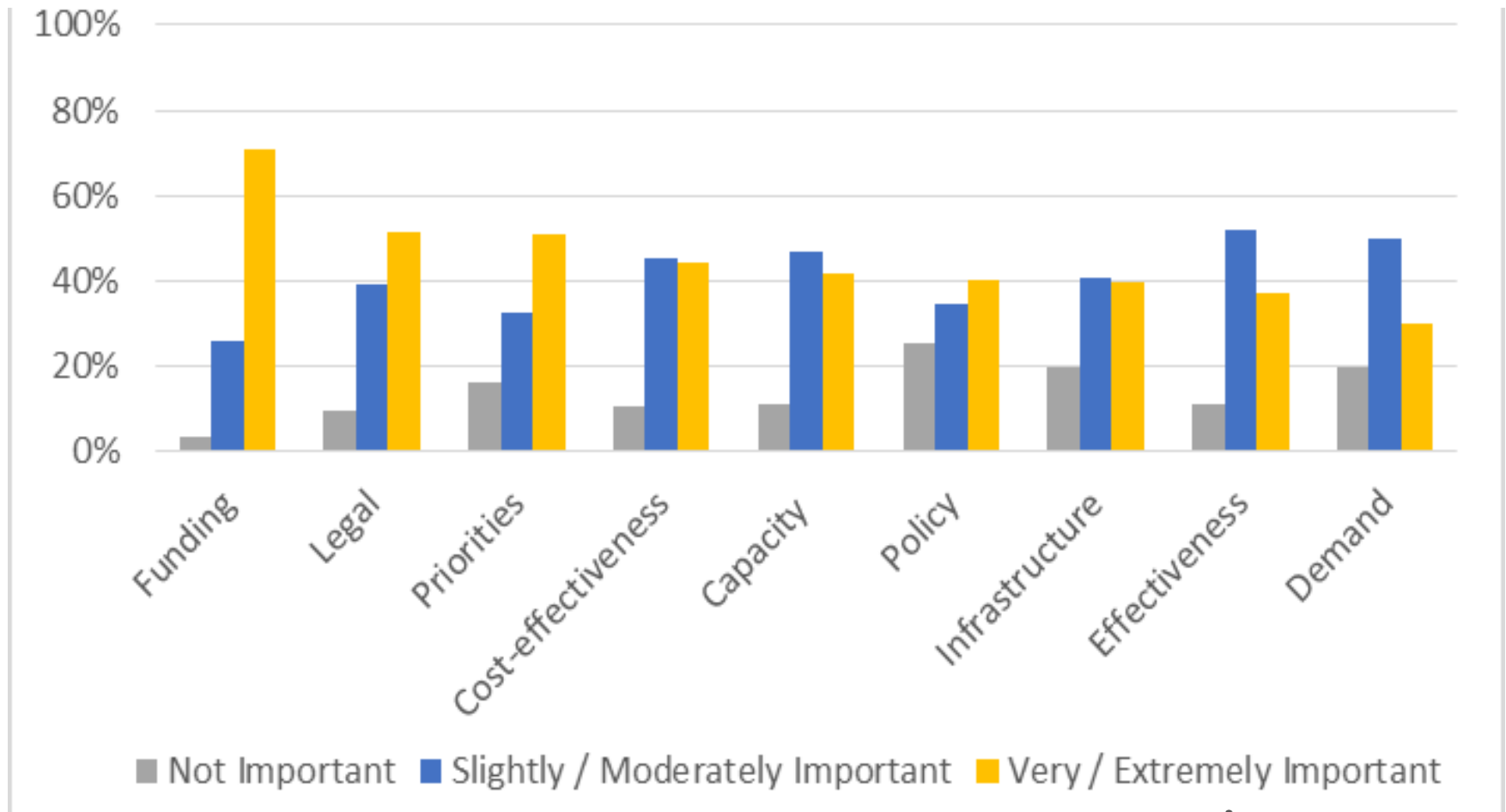


Indicators used by countries evaluating government mHealth programmes



Percent of countries evaluating mHealth, n=14

Barriers to mHealth implementation, globally (n=116)



Source: WHO Global Observatory for eHealth, 2016



National context: remarks

- Across the survey, there is notable regional variation in the e/mHealth enabling environment
- Sharing of data between countries is an important area for further work
- Legal frameworks must evolve to accommodate transfer of information between patients, providers and devices
- The growth in adoption of legal frameworks is a strong and positive indicator for eHealth development.