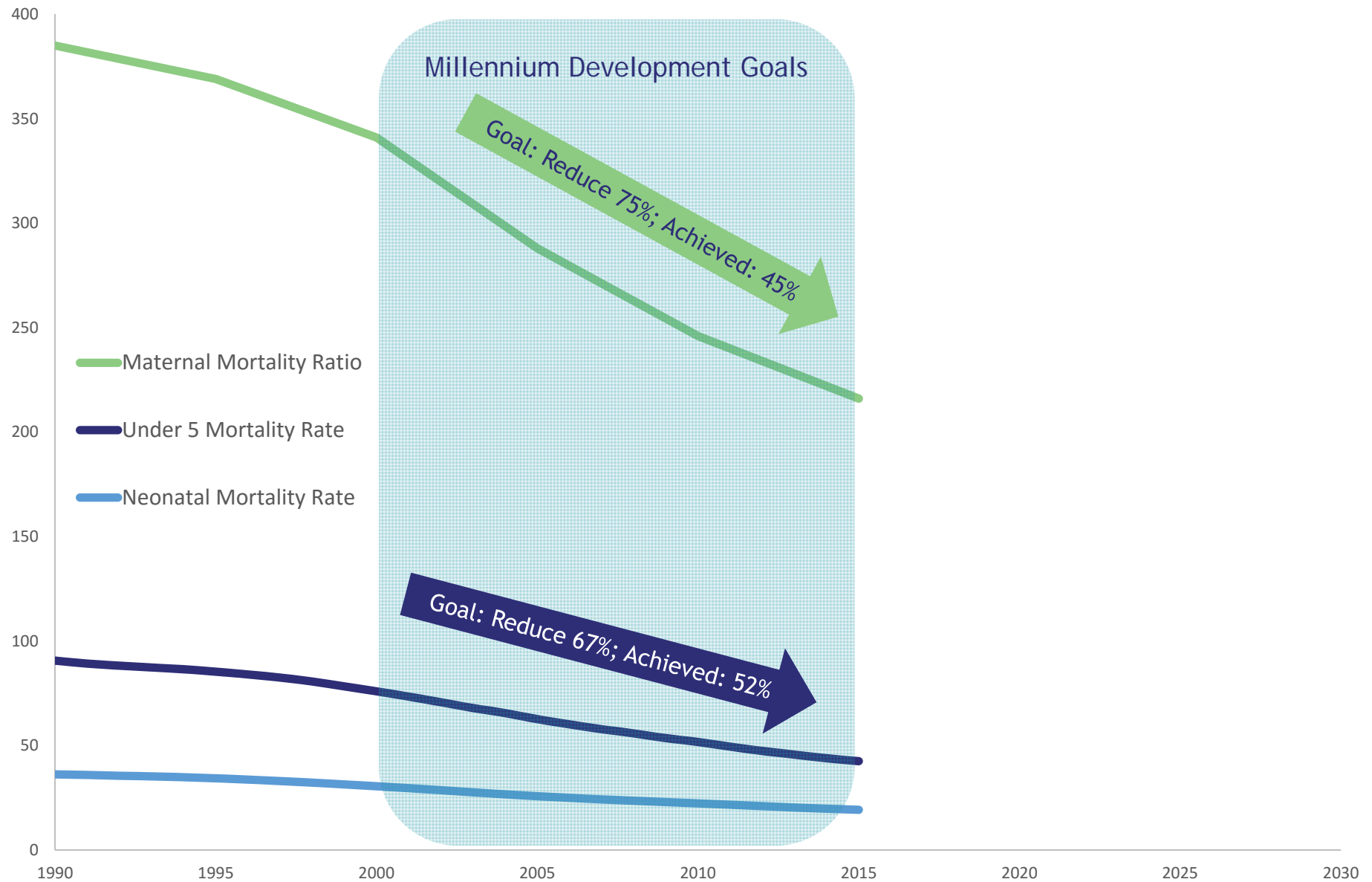


eRegistries

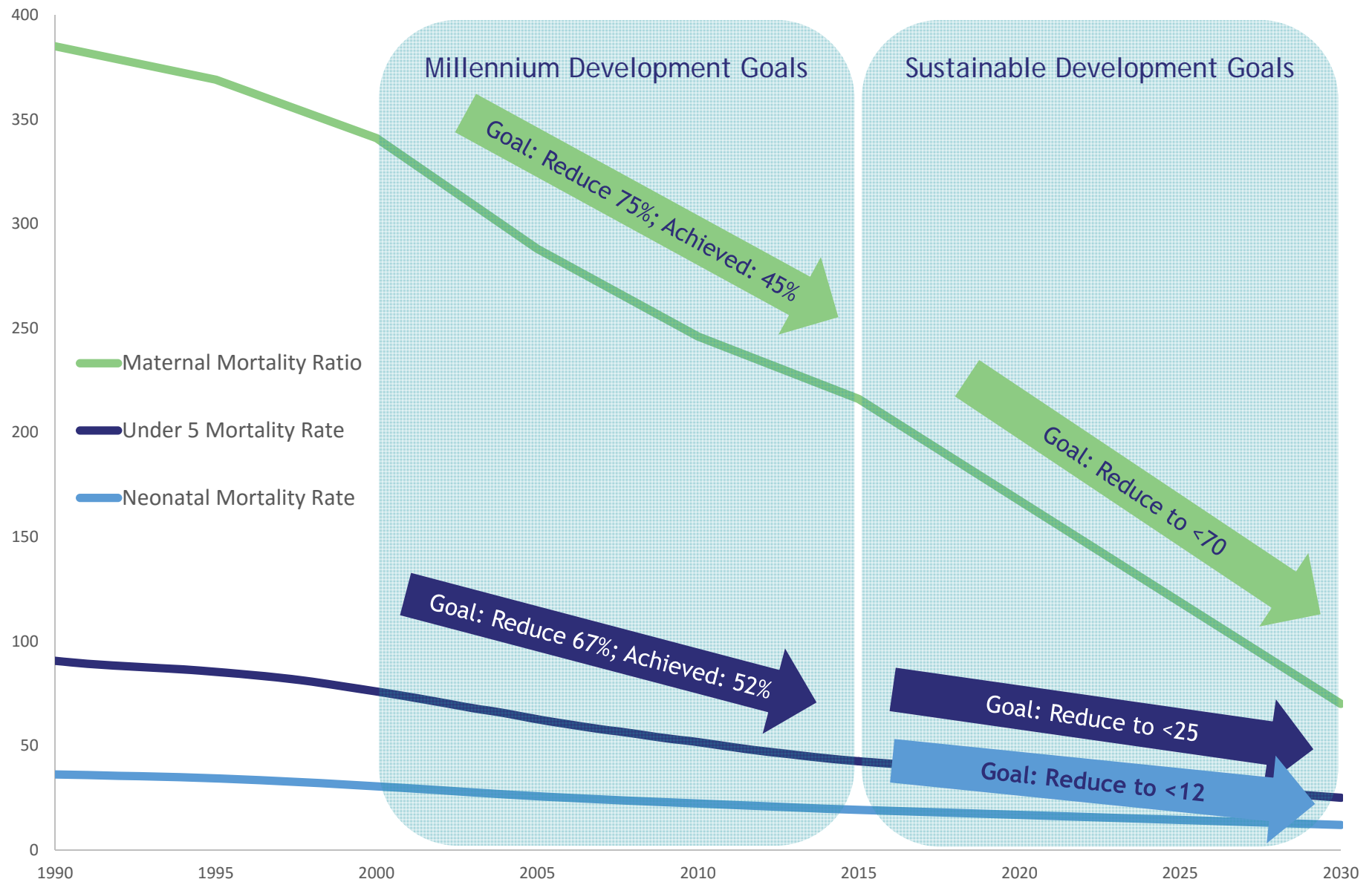
a framework for data utilization - making
clinical registries work for women's and
children's health

Ingrid Friberg

women's and children's health



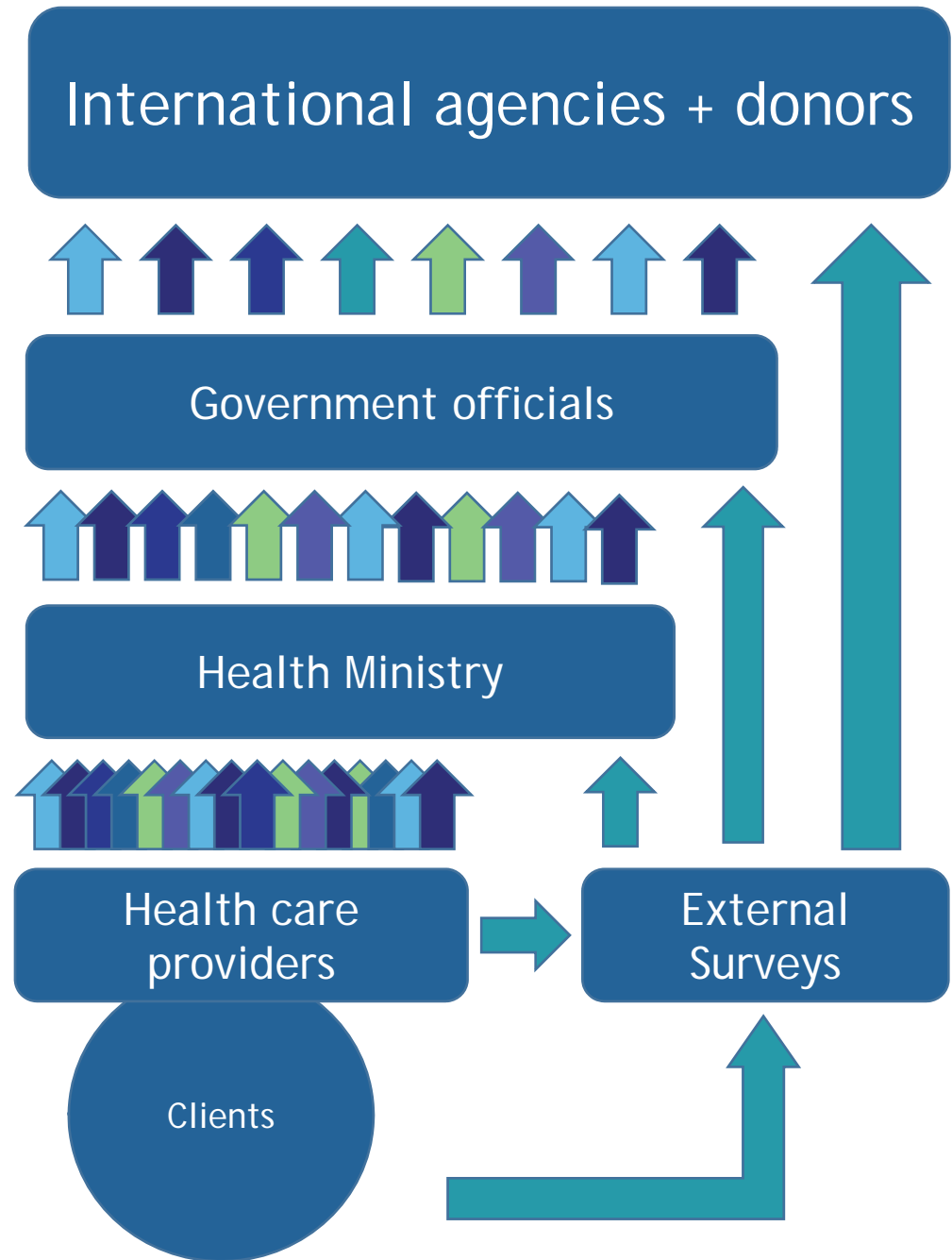
women's and children's health



key points from the UN MDG report (2015)

- critical data are still lacking
- what gets measured gets done
- real-time data are needed
- new technology is changing how data are collected and disseminated

data collection today





reality

- clinicians re-enter data into multiple registers
- staff spend days consolidating and coordinating reports
- health workers transfer records from paper to computer
- data sit unused in paper registers

barriers to 'best practices'

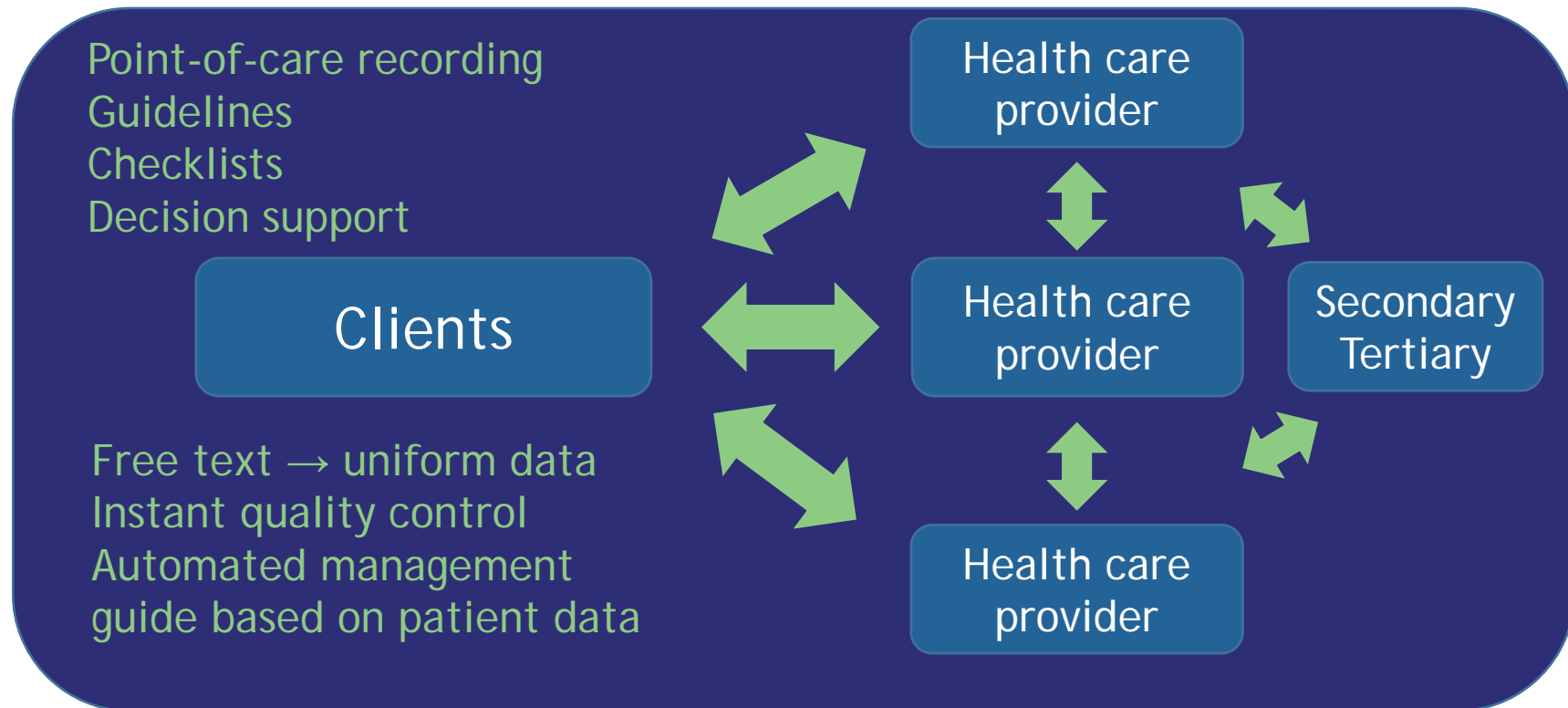
- inability to coordinate patient care
- lack of feedback to providers
- inadequate supervision
- poor guideline awareness and access
- limited accountability to guidelines

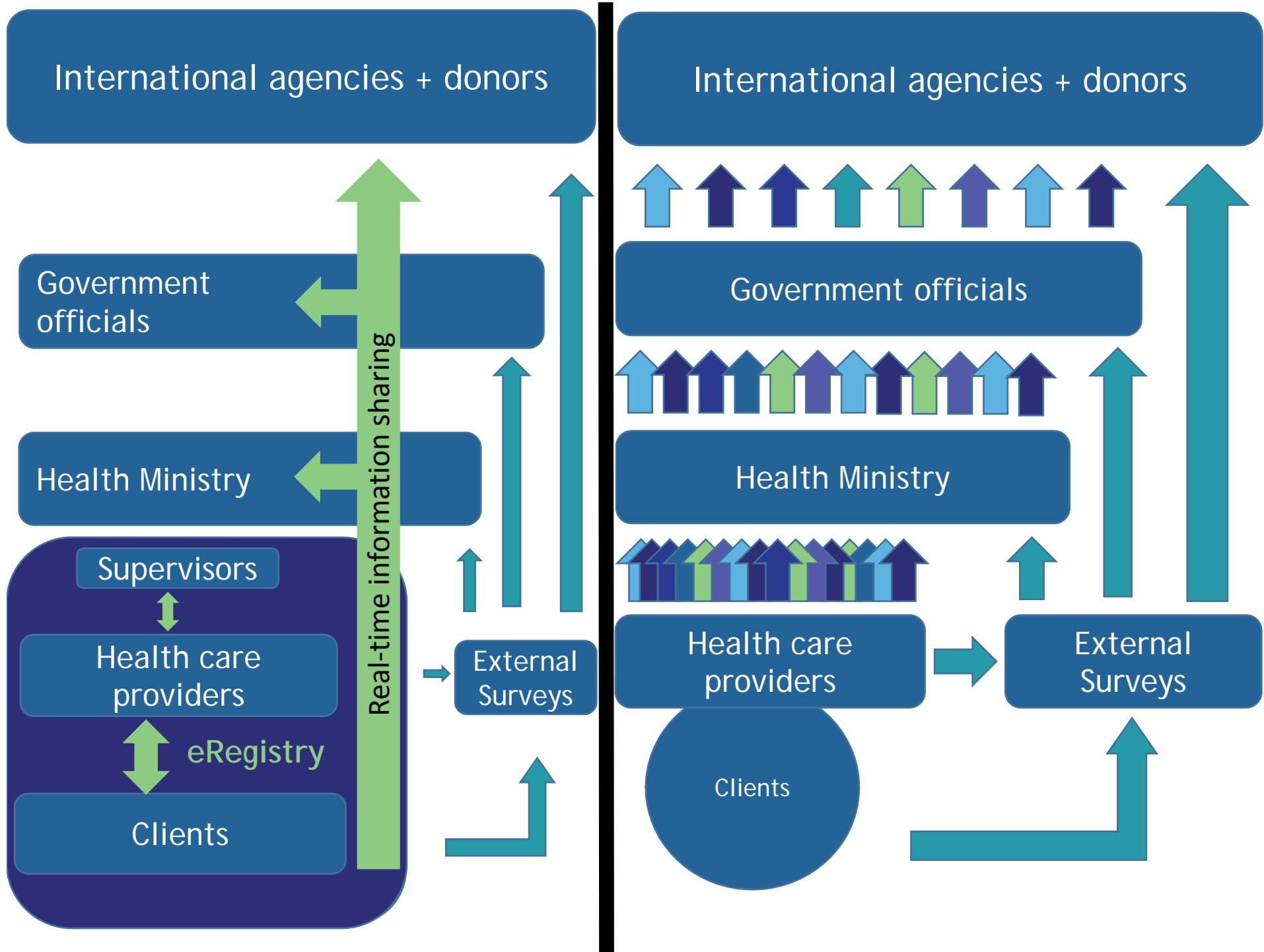
(Puchalski Ritchie, 2016)

the eRegistry model

changes how healthcare providers work
changes how to think about and use data

eRegistry: Interactive-electronic-clinical registry





an eRegistry is:

- an electronic, clinical registry
 - checklists, guidelines, decision support..
- individual data collection

individual vs. aggregate data

“what percent of pregnant women are hypertensive?”

- Currently
 - Data collected: Number of women with at least one high blood pressure measurement in pregnancy
- Potential of a clinical registry
 - Data collected: all blood pressure measurements during ANC
 - Can still answer the same question - and so much more
 - Is blood pressure measured regularly during antenatal care?
 - Are most women mildly or severely hypertensive?
 - At what gestational age is a woman diagnosed?
 - What are the characteristics of women referred?

an eRegistry is:

- an electronic, clinical registry
 - checklists, guidelines, decision support..
- individual data collection
- streamlined communication across providers
- integrated analysis and display of key indicators
 - provider feedback, supervisors, policy makers, international actors
- tailored communication with clients
- mandated legal, ethical, and data security focus
- open source software

Thank you



eRegistries Initiative