

NIHR Adding Value in Research

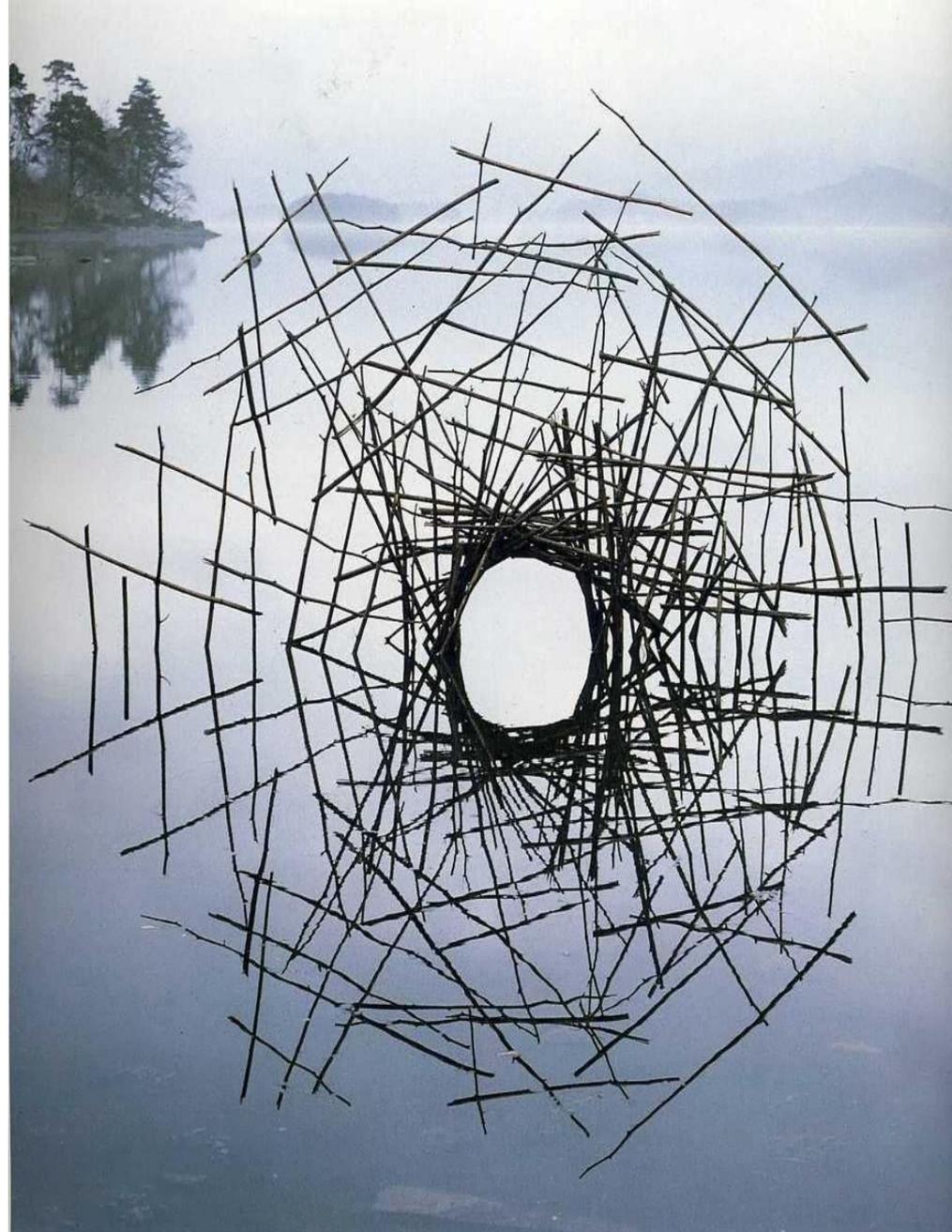
Matt Westmore on behalf of NIHR AViR
Working Group



Art by Andy Goldsworthy

Broader context

- Integrity of research
- Public confidence in science – rise of populism
- Broader transparency
- Reproducibility crisis
- Avoidable waste
- Value for money
- Impact



Our approach

NIHR Adding Value in Research

- Relevance, impact and good use of public money are our principal goals
- Define value as impact for a given cost
- AViR is a logic model for how we raise the probability of impact at the portfolio level for a given cost.
- We use it for
 - Quality improvement
 - A way to engage in the global debate





Definition of value

The first avoidable waste paper defined waste as research that could but doesn't "help patients and their clinicians"

Michael Porter in the [NEJM, December 2010](#) notes:

- Value = outcomes relative to costs
- Value should always be defined around the customer – the creation of value for patients
- Outcomes is condition-specific and multidimensional
- Cost, the equation's denominator, refers to the total costs of the full cycle of care for the patient's medical condition, not the cost of individual services. To reduce cost, the best approach is often to spend more on some services to reduce the need for others.

I propose therefore:

**Value in Research = impact
relative to cost**

Definition of Impact

By 'impact' I mean the contribution to benefits to society resulting from the research we fund, including patients, populations, the NHS, health services, the economy and academia. Impact involves any change to activity or understanding arising from the research we fund.



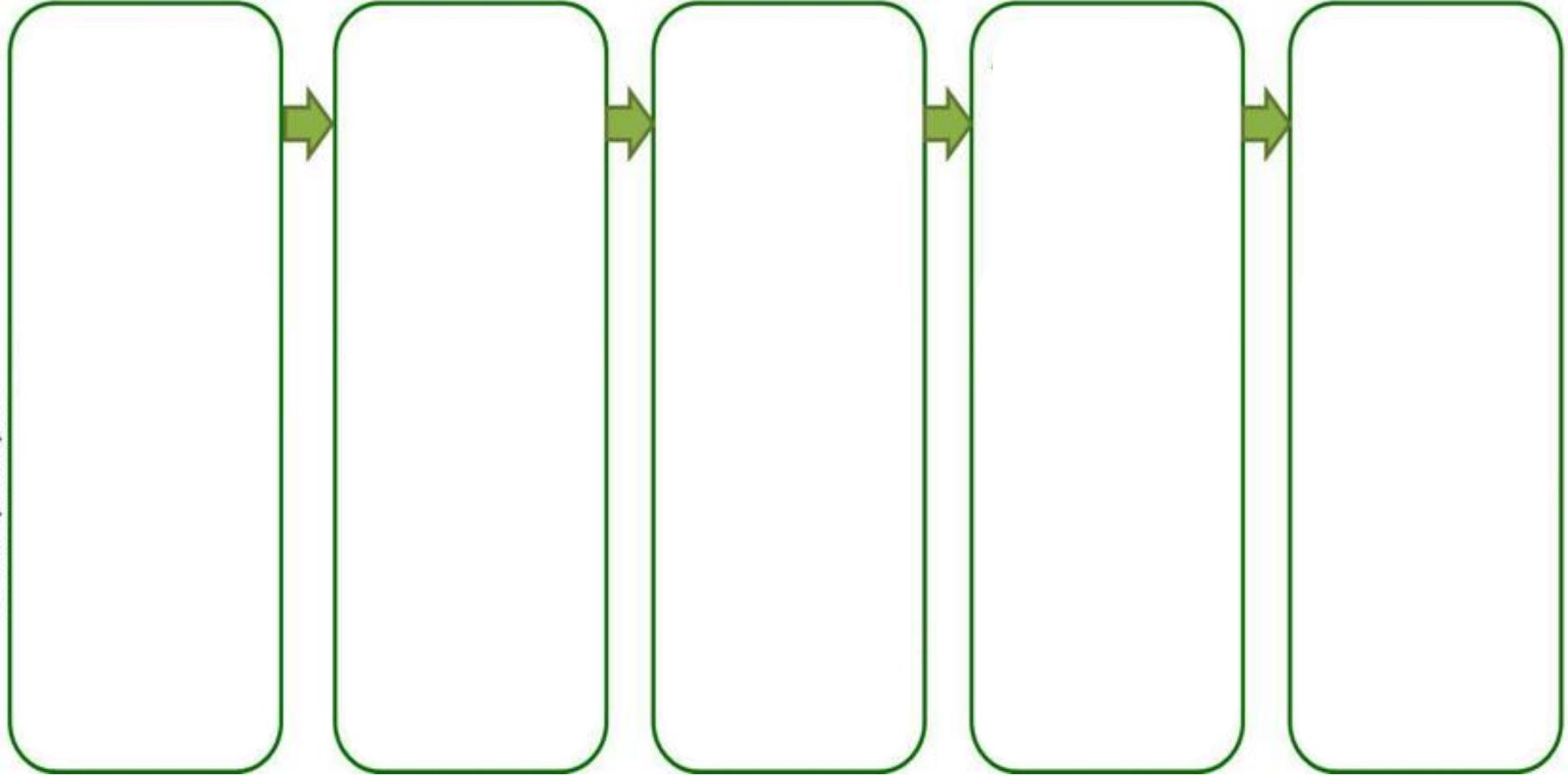
Adding Value in Research

Raising the probability of *impact* for a given cost

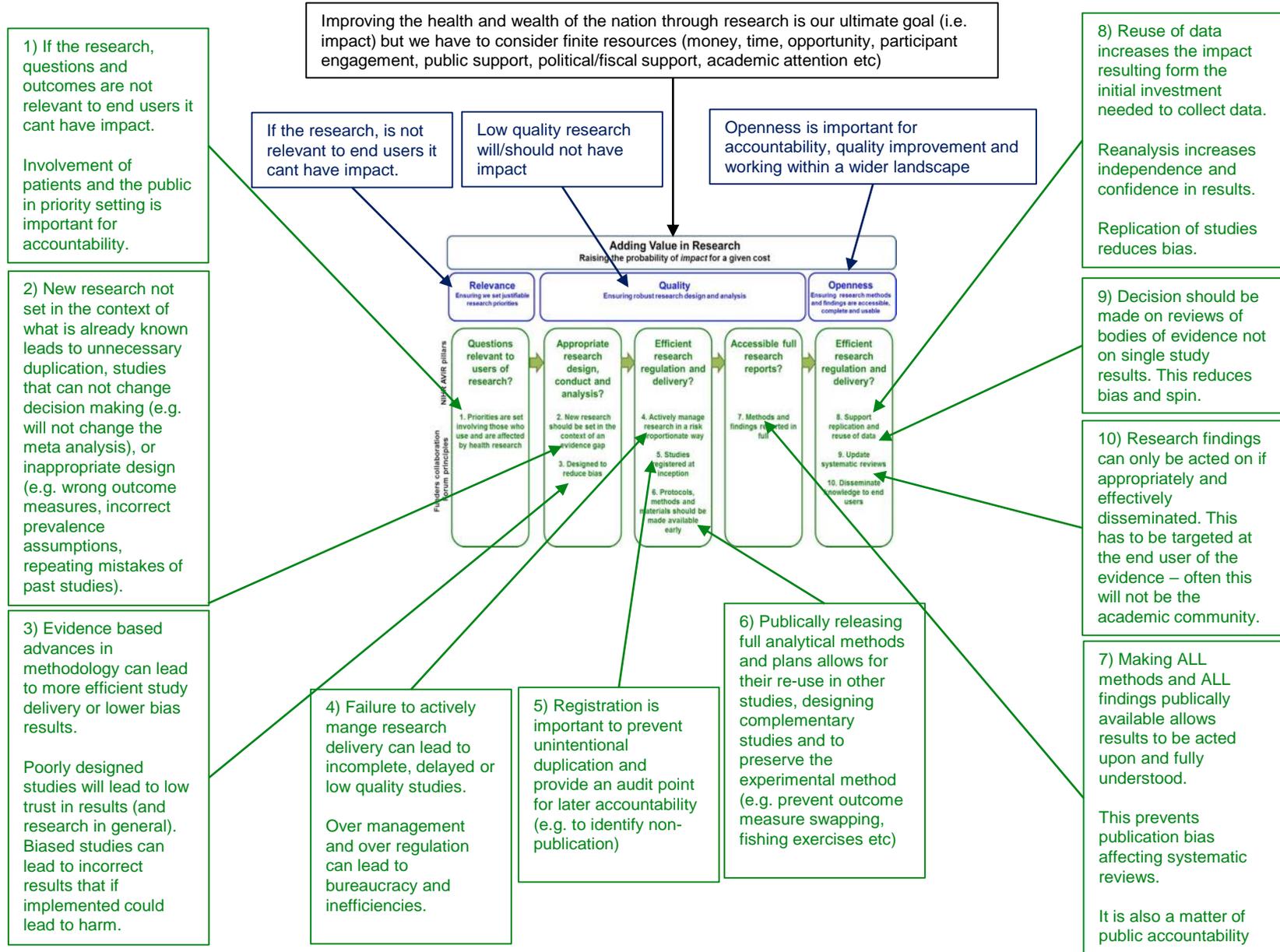


NIHR AVIR pillars

Funders collaboration
Forum principles

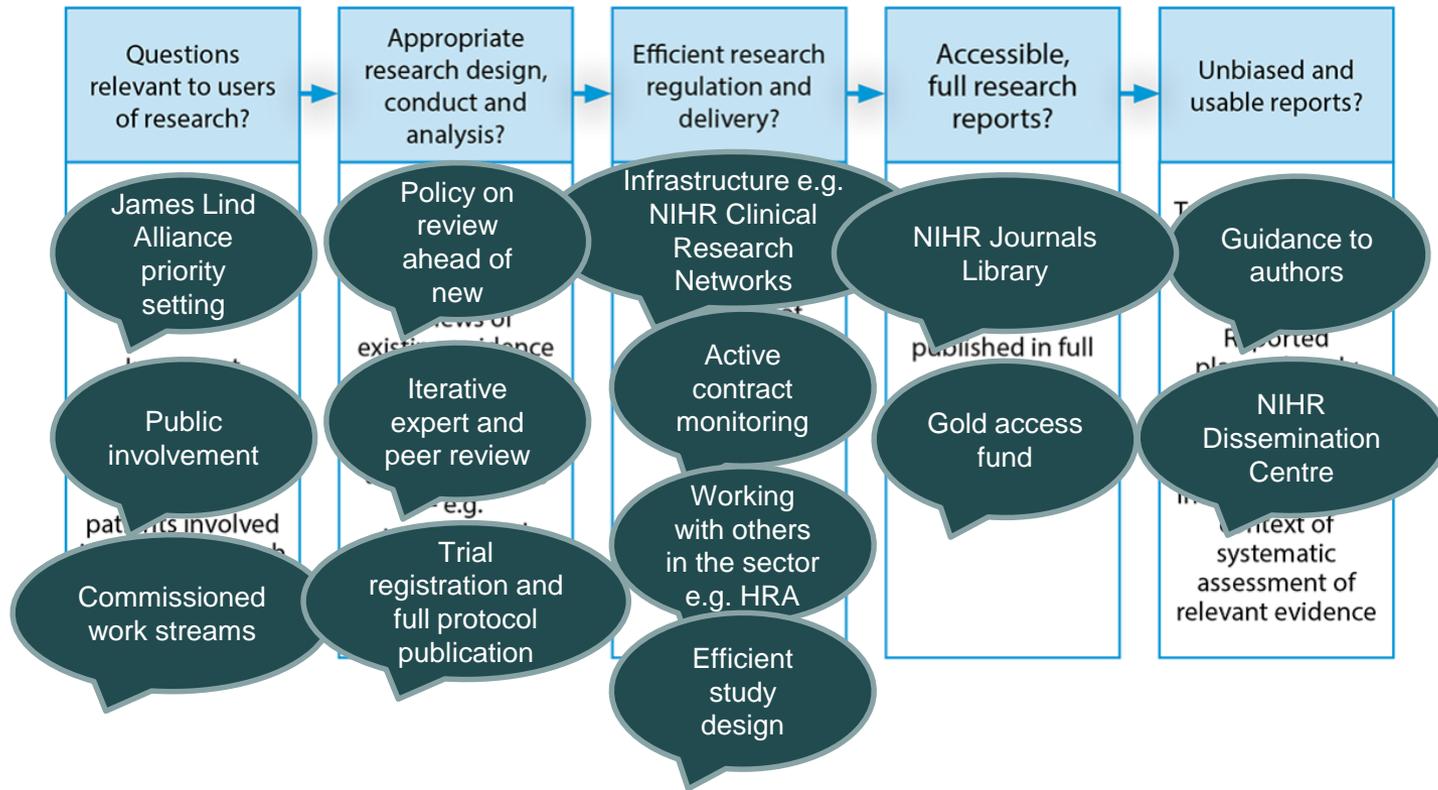


Importance of each element of the NIHR Adding Value in Research Framework



Practical steps

Training and fellowships, Push the pace, Impact, PPI, INVOLVE, NOCRI, managed access to data, efficient studies
Business intelligence
Etc.



Discussion

- Do we (i.e. R&D forum) agree with the model?
- What would you add/remove/amend?
- What can we contribute from a research management and leadership perspective?
- Why are each of the elements/principles important?