

We need to
infuse the
culture and
practice of
science with a
new set of social
possibilities



**The Public Value
of Science**

Or how to ensure that science
really matters

James Wilsdon
Brian Wynne
Jack Stilgoe

Phase 1: Public understanding of science (PUS)

sult in watts (W)

$$63 \text{ ft} \times \frac{0.09 \times 10^4}{\text{BTU}} \times \sqrt{13} \frac{\text{J}}{\text{hr}^2}$$

$\cos^4 x$ N (newtons), [u

$$\int_0^{\pi} F(x) dx$$

$$2x \left(\frac{4 \sin^4 x + 2 \cos^4 x}{20} \right)$$

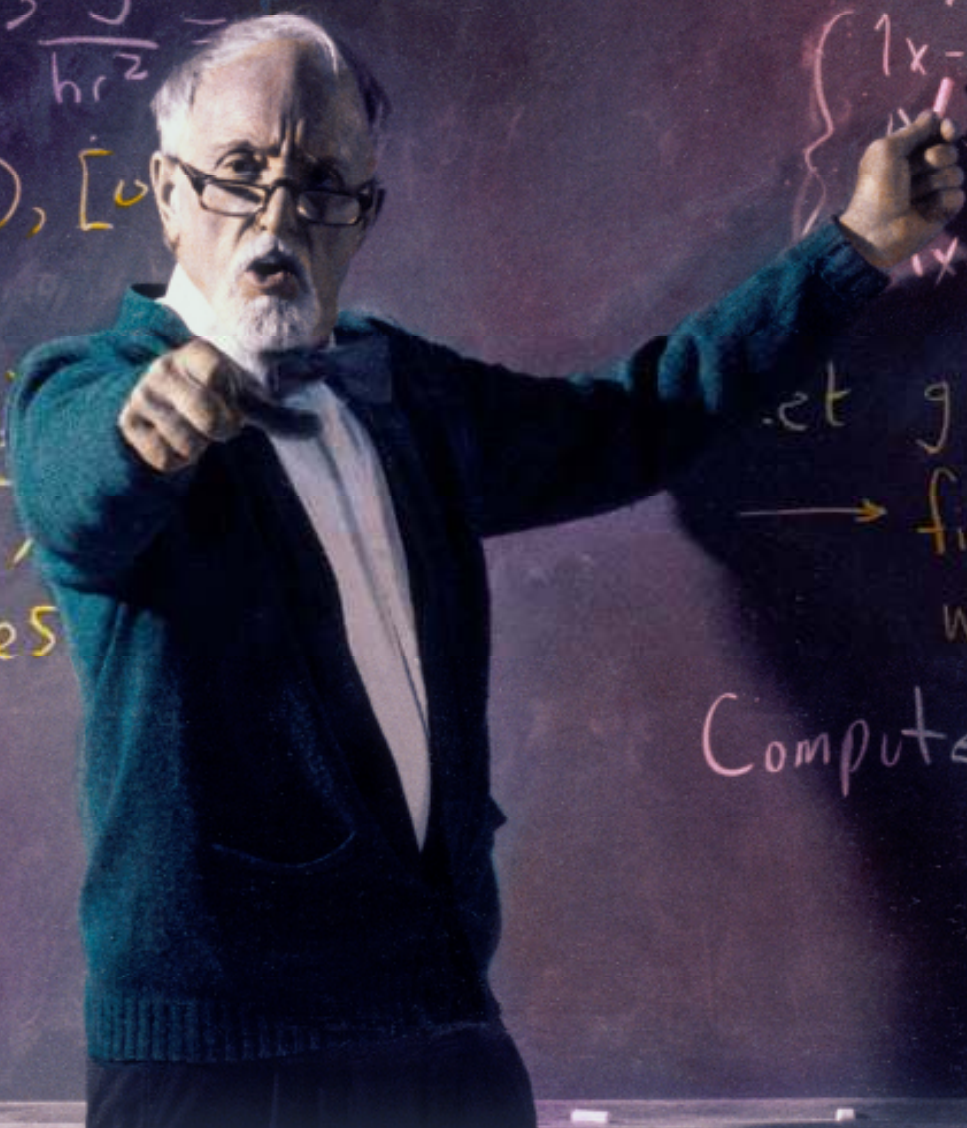
work in joules

Solve system w/ 3×3

$$\begin{cases} 1x - 3y + 7z = 3 \\ 2x + 2y + 1z = 2 \\ 3x + 1y + 0z = 5 \end{cases}$$

let $g(y) = y^3 - 5y^2 + \dots$
→ find root y of
with $-3 \leq y \leq 10$

Compute. $\sum_{n=1}^{10} n^2 =$
 $(2+3i)^2 =$



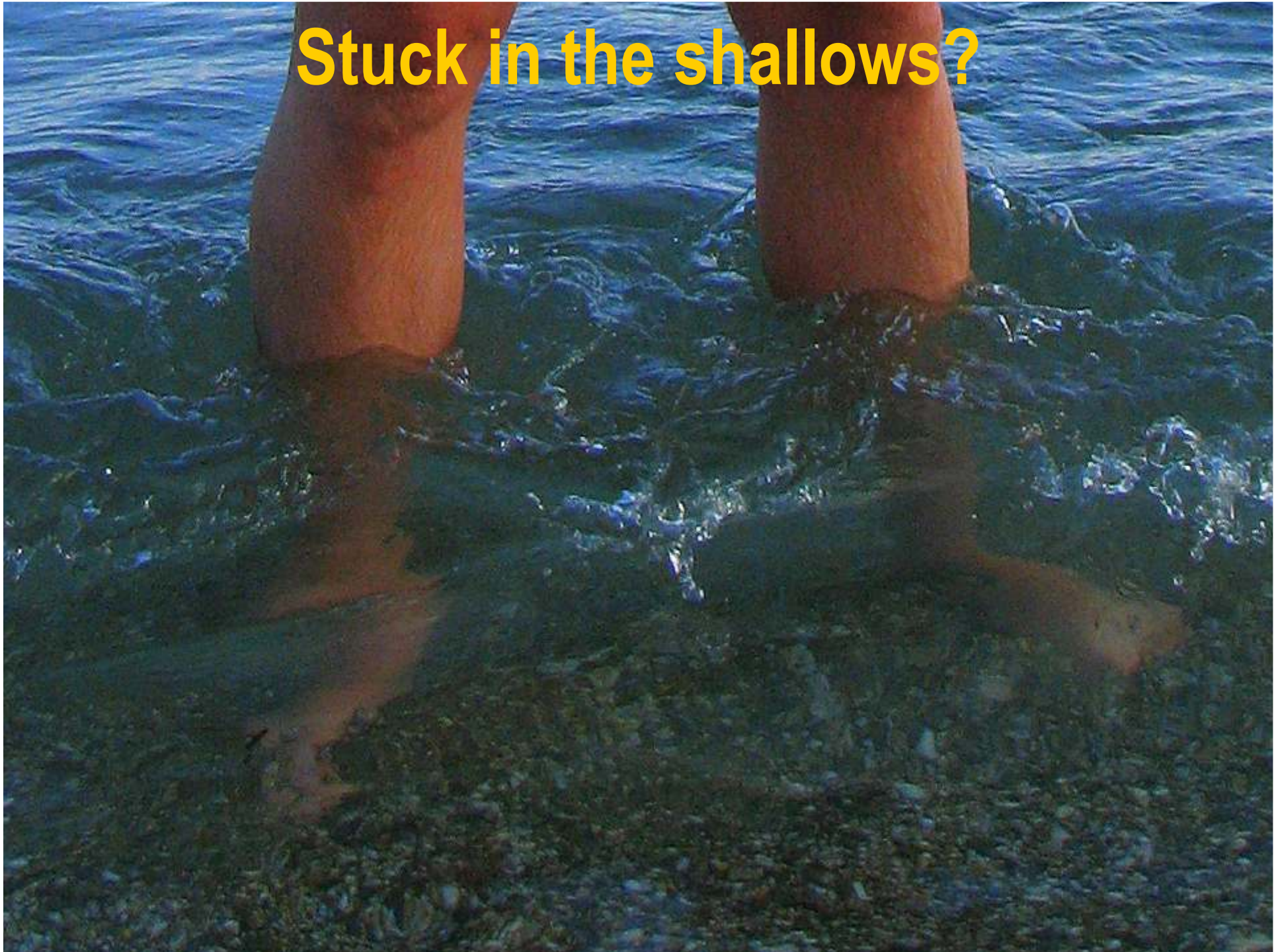
Phase 2: 'A new mood for dialogue'



Phase 3: Paddling upstream?



Stuck in the shallows?



Citizen scientists



The challenge is to embrace different forms of expertise, to view them as a **resource** rather than a burden ...



The Received Wisdom

Opening up expert advice

Jack Stilgoe
Alan Irwin
Kevin Jones



THE UNIVERSITY
of LIVERPOOL



Fresh challenges

1. Renewing the social contract for science
2. Science and progressive globalisation
3. Be open to 'uninvited' as well as invited engagement

www.demos.co.uk/projects/scienceinnovation

We need to
infuse the
culture and
practice of
science with a
new set of social
possibilities



**The Public Value
of Science**

Or how to ensure that science
really matters

James Wilsdon
Brian Wynne
Jack Stilgoe

james.wilsdon@demos.co.uk