

Innovate UK

Energy Innovation

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Innovate UK

The UK Government's innovation agency

Accelerate economic growth by stimulating
and supporting business-led innovation

FUND and **CONNECT**

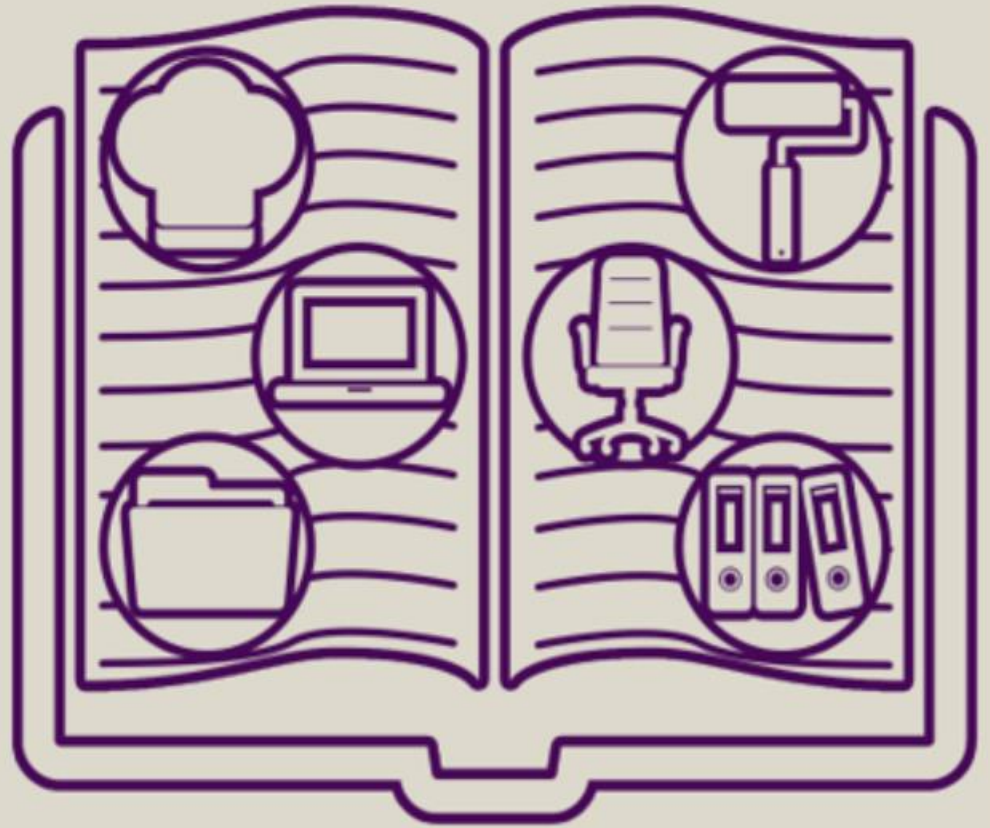
Since **2007**
we have invested more than
£1.5bn
of public money
in **innovation**



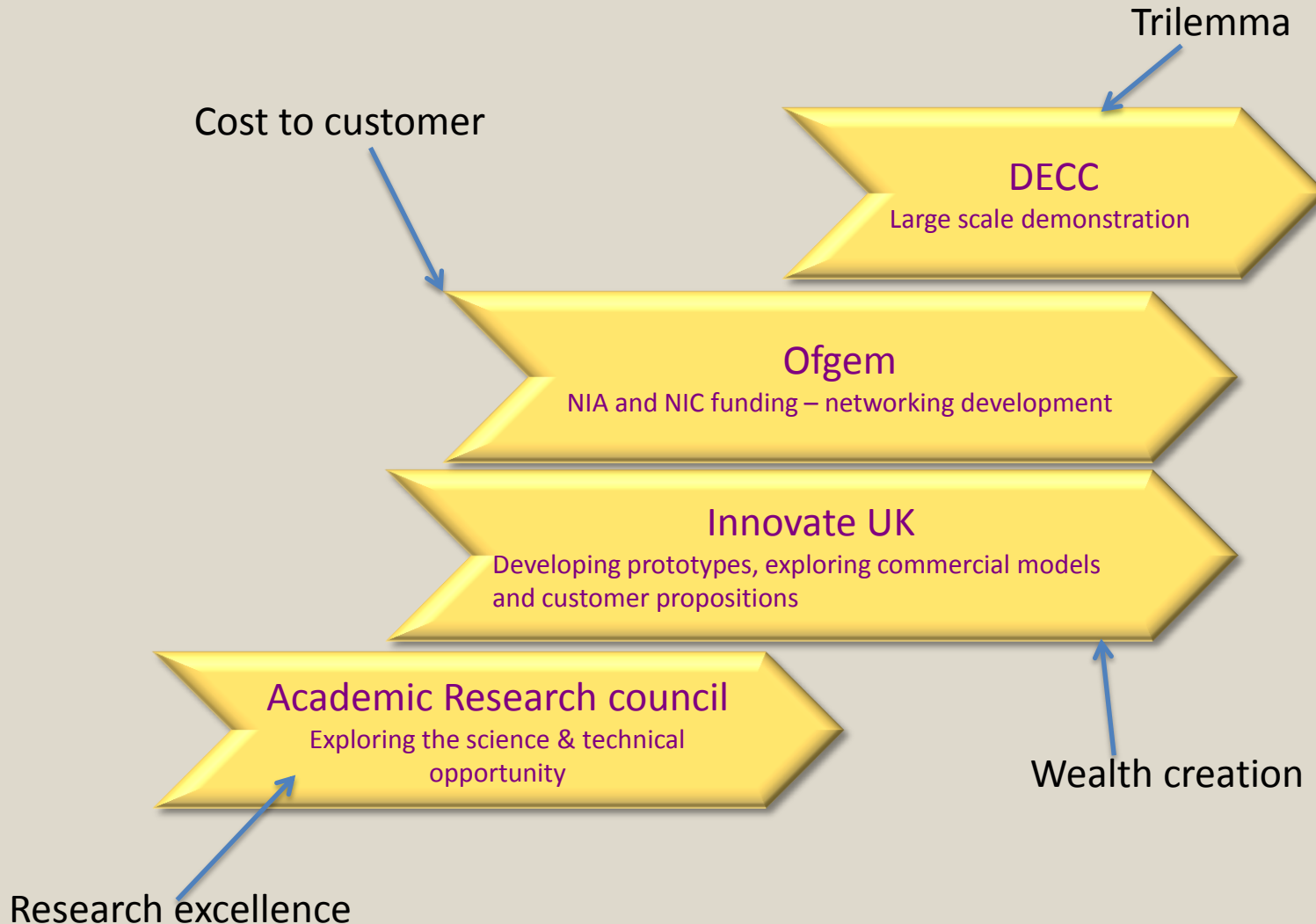
Drawing in
£1.5bn
in **business** and
partner contributions
making over
£3bn
of Investment in innovation



Adding an estimated
£7.5bn
to the UK
economy
and creating
an average of
7 jobs
per **company**
we have worked with



Where our funding fits the landscape



An aerial photograph of a city, likely New York City, viewed through a grid of window panes. The grid is a light blue color and creates a perspective effect, making the city buildings appear to be seen through a series of rectangular frames. The city below is densely packed with buildings of various heights and colors, including some taller skyscrapers. The overall tone is somewhat dark and moody, with a blueish tint.

2008 > 50%

2050 > 70%



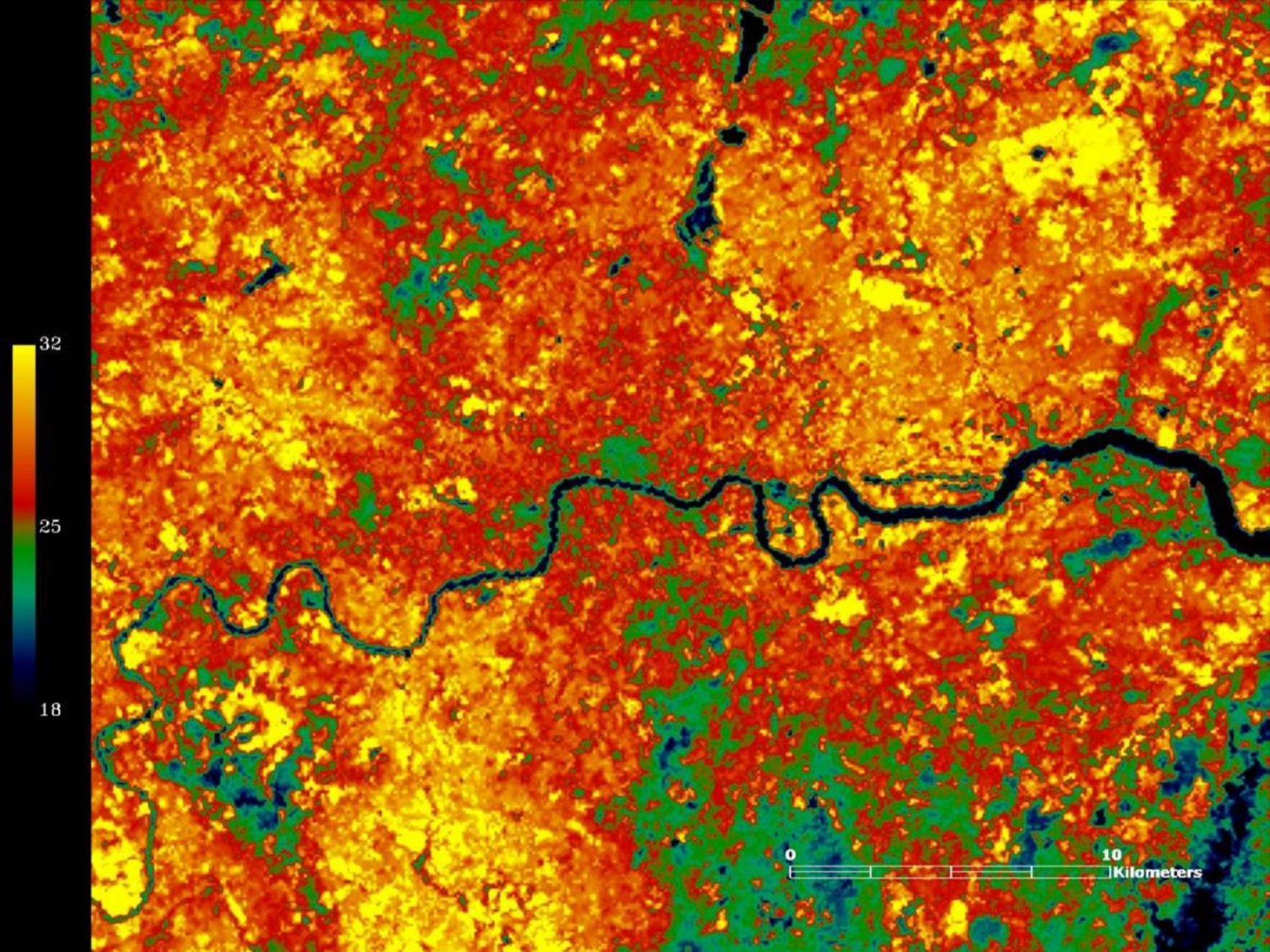
Population

Resources

Climate Change









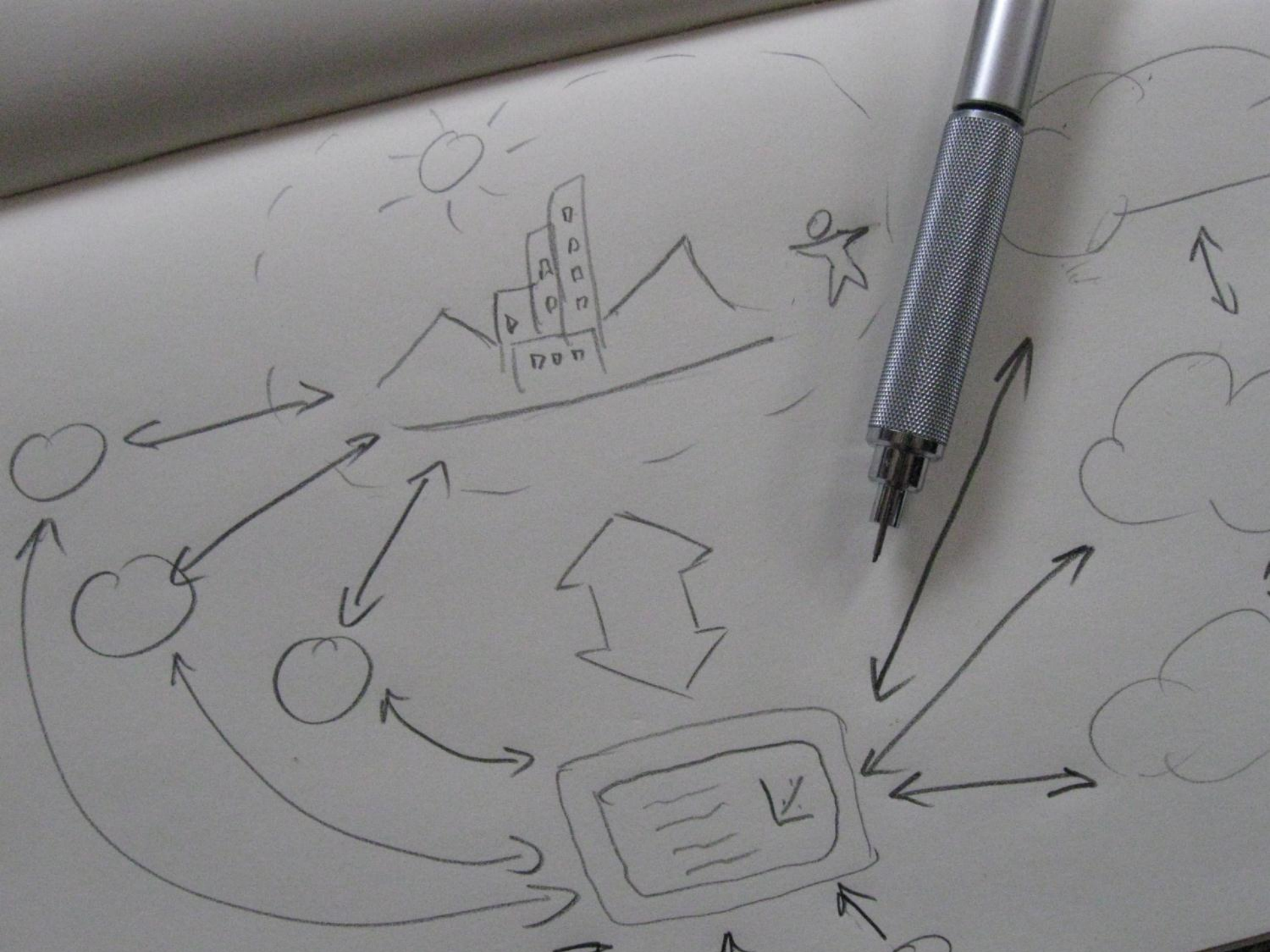
A nighttime photograph of a harbor scene. In the foreground, a marina is filled with numerous sailboats and motorboats, their lights reflecting on the water. A prominent cable-stayed bridge with a tall white pylon and radiating cables spans across the harbor. In the background, a town is built on a hillside, with its lights glowing against the dark sky. The overall atmosphere is vibrant and modern.

Successful and vibrant

Strong economy

Promote wellbeing

Efficient, sustainable, adaptable

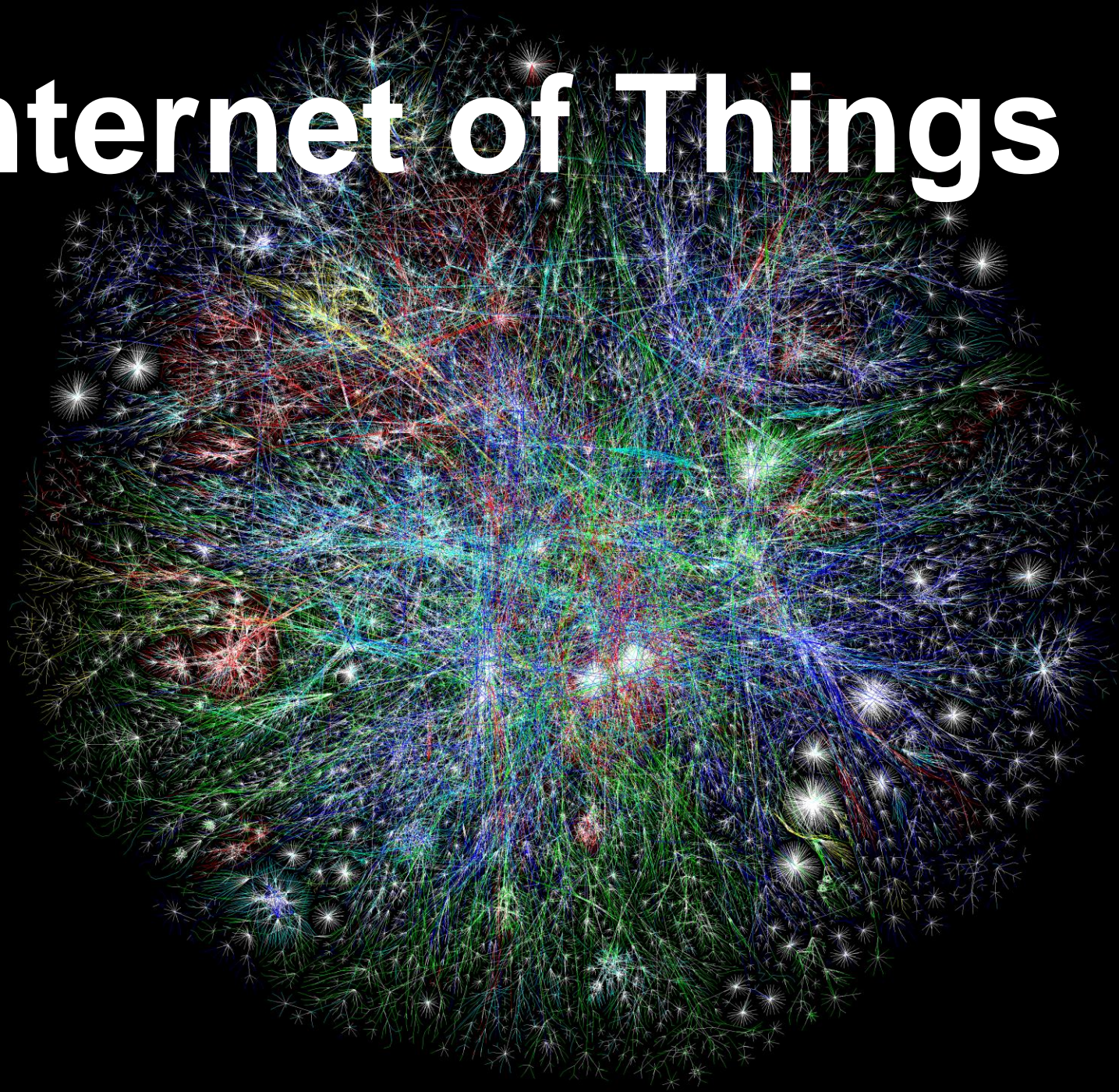




**4m km buried
infrastructure**

**4m holes in the
road each year**

Internet of Things



Data



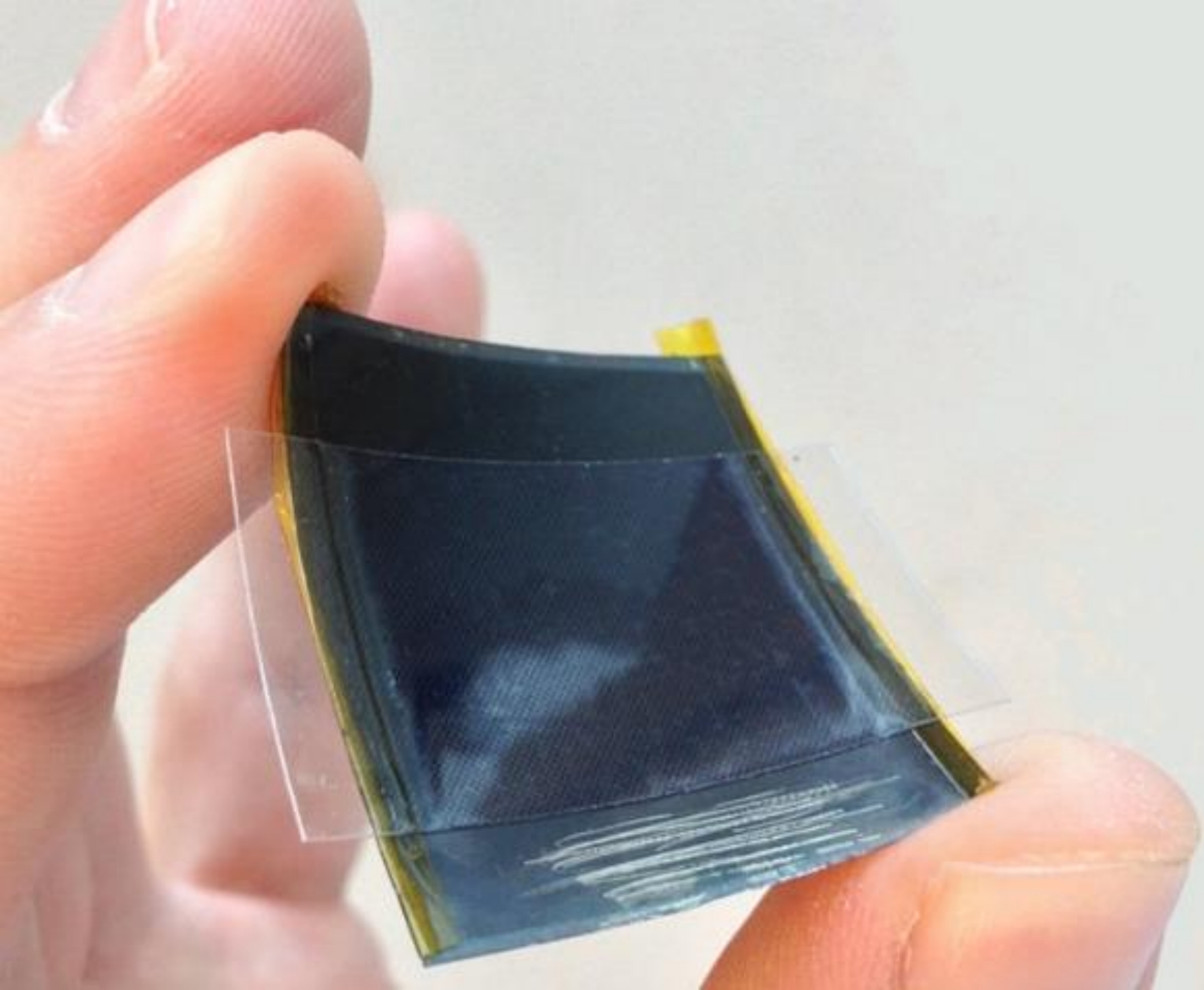
THE
THIRD
INDUSTRIAL
REVOLUTION

HOW LATERAL POWER
IS TRANSFORMING ENERGY,
THE ECONOMY, AND THE WORLD



JEREMY RIFKIN







AEG

EXTRA DRY	PROGRAM	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY
WASH	WASH	START	STOP	DRY

POWERVAULT

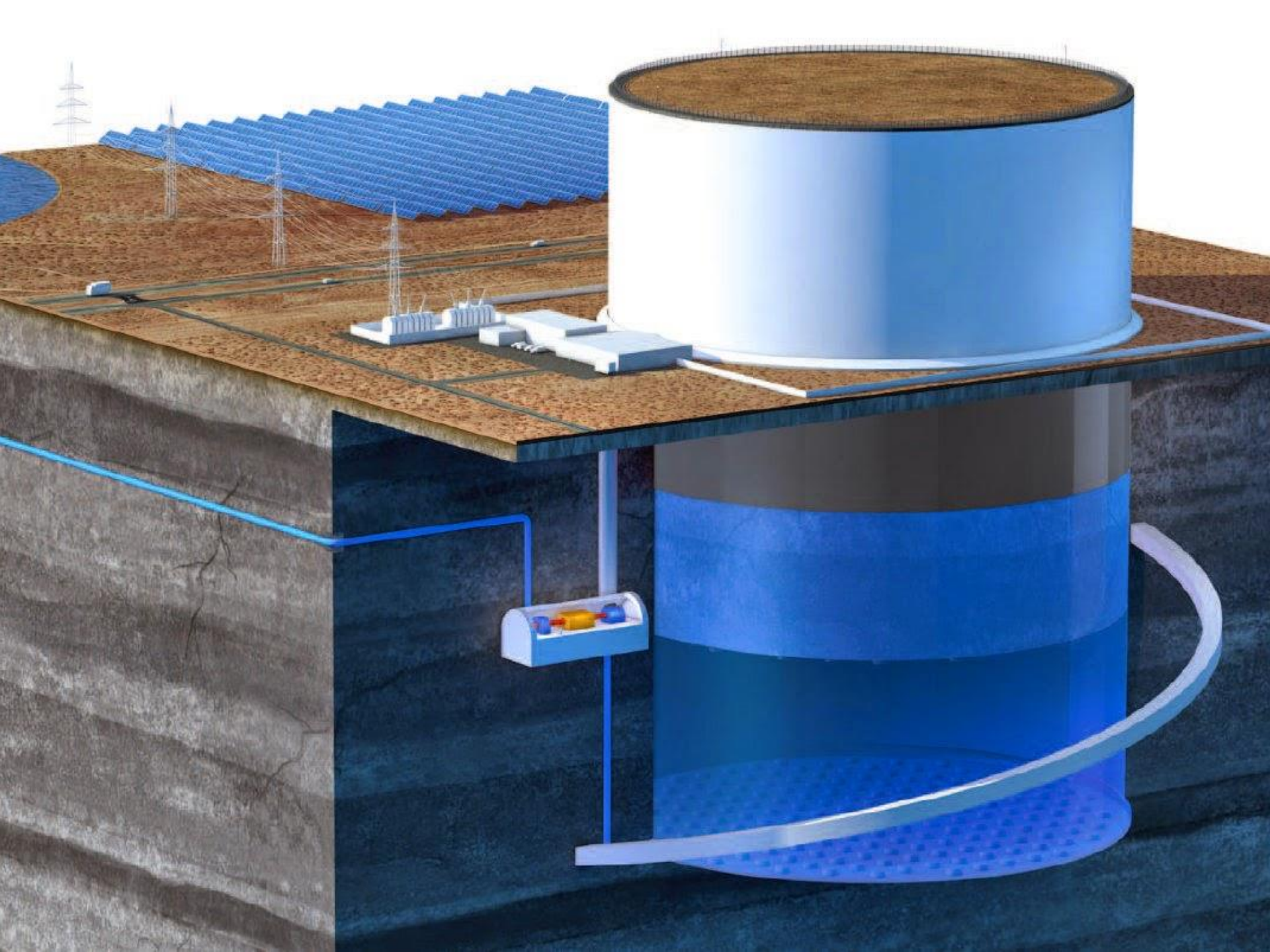


Sunamp



Heat Batteries™



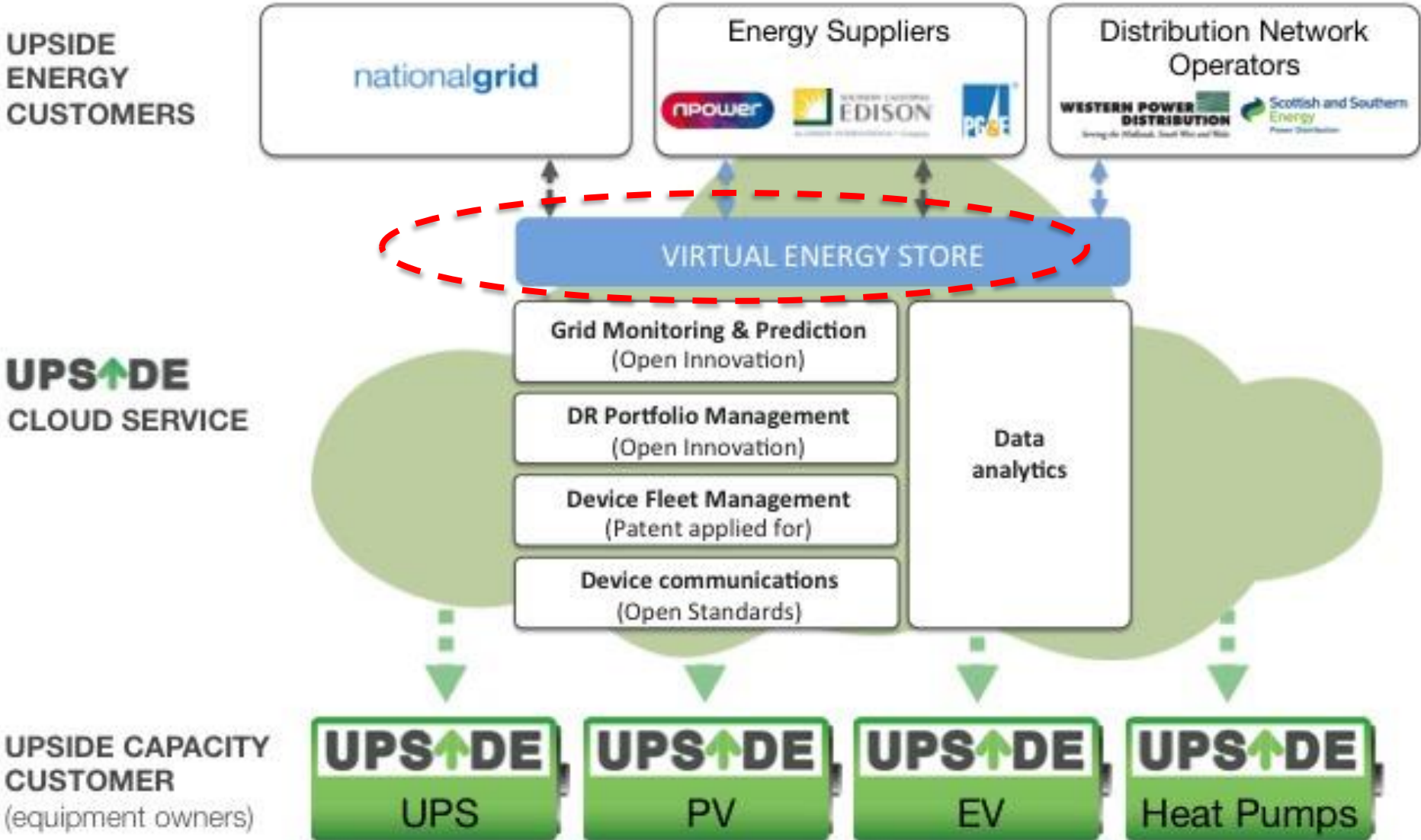




UPS↑IDE

smooth demand. green the grid

Micro-aggregation example – Upside





Open Utility



Thank you

Innovate UK