

A landscape photograph showing a row of wind turbines on a hill under a sunset sky. The foreground is filled with rows of yellow flowers, and a small village is visible in the middle ground.

Financing the energy transition
Innovations and trends in consumer involvement

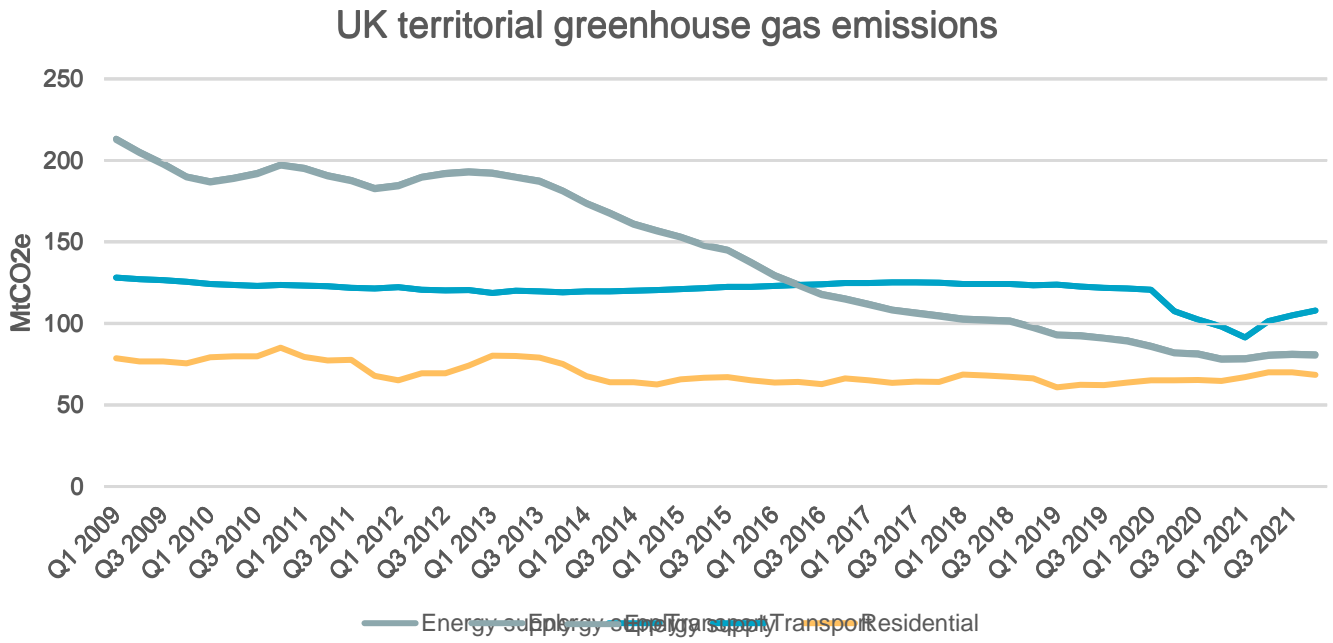
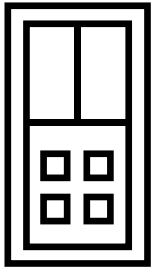
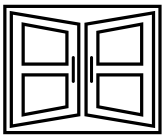
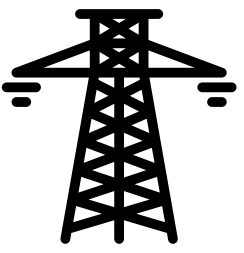
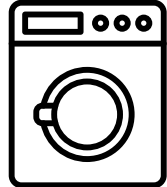
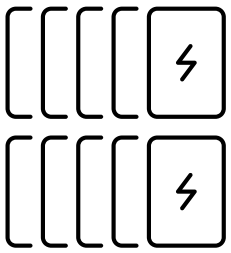
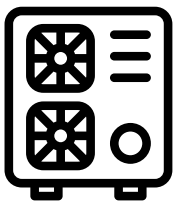
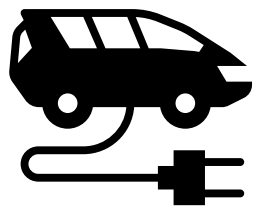
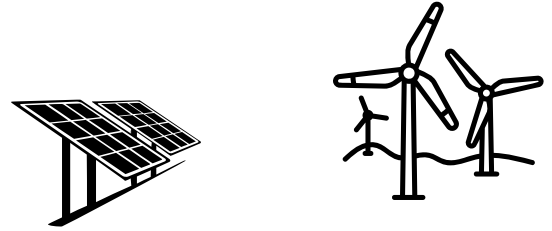
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Energy transition is capital intensive

Investment is required across the value chain

Supply Side

Demand side



Utilities are no longer local Nor capital rich

Germany hands \$15 bln bailout to Uniper after Russian gas hit

By Christoph Steitz, Essi Lehto and Holger Hansen



stabilization period, and it

Summary Companies

- Government to take 30% stake in Uniper
- Uniper risked collapse due to dwindling supplies, high prices
- Uniper can pass higher gas costs to consumers
- Uniper shares plunge to record low
- Scholz promises help to households to offset rising energy bills

FRANKFURT/HELSINKI/BERLIN, July 22 (Reuters) - The German government

France to pay nearly €10bn to fully nationalise EDF

Government seeks to shore up domestic energy supplies amid European crisis



Shares in EDF jumped 15% on news of the government plan. Photograph: Johanna Geron/Reuters

The French government is poised to pay nearly €10bn (£8.5bn) to fully nationalise EDF as ministers attempt to tackle the European energy crisis.

The French finance ministry said on Tuesday it had offered €9.7bn or €12 a share to buy the 16% of debt-laden EDF it does not already own.

The Great European Energy Market Bailout Is Only Getting Started

- Nations are realizing energy security can't be left to markets
- 'Only the beginning of growing government intervention'

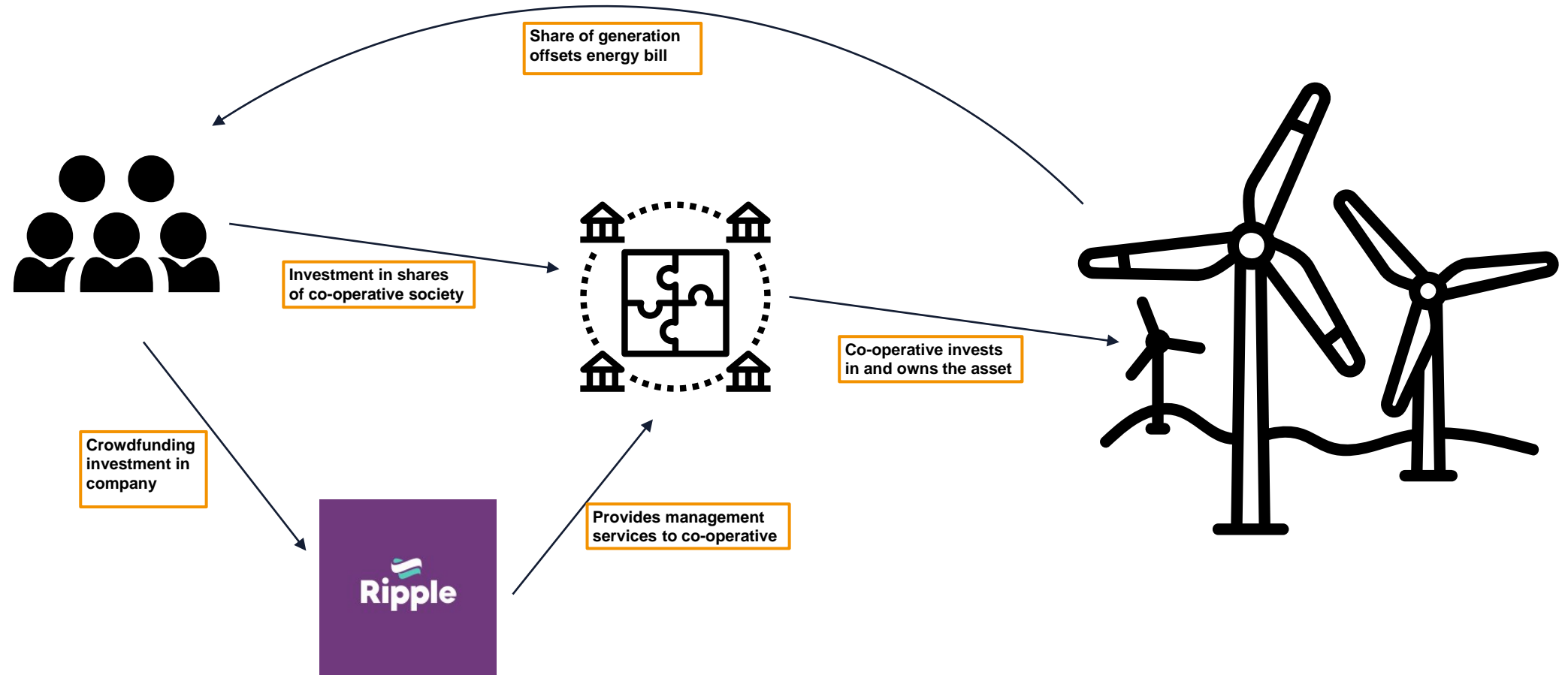


Photographer: Jason Alden/Bloomberg

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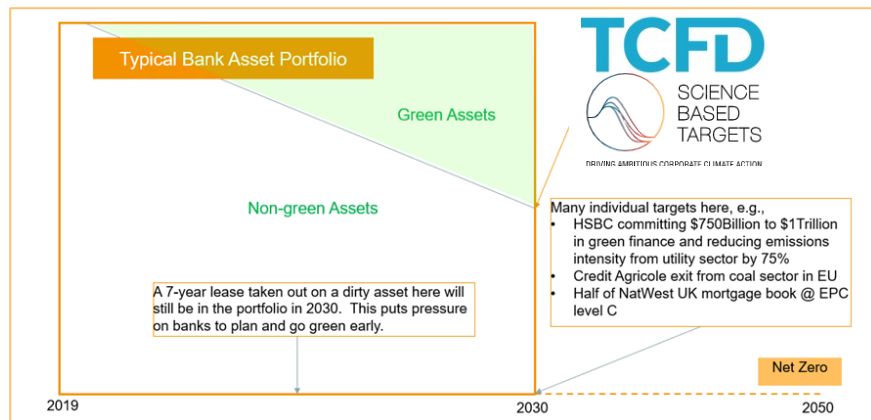
Consumer investment in supply side

Many to one approach enables consumers to own a share of a wind farm

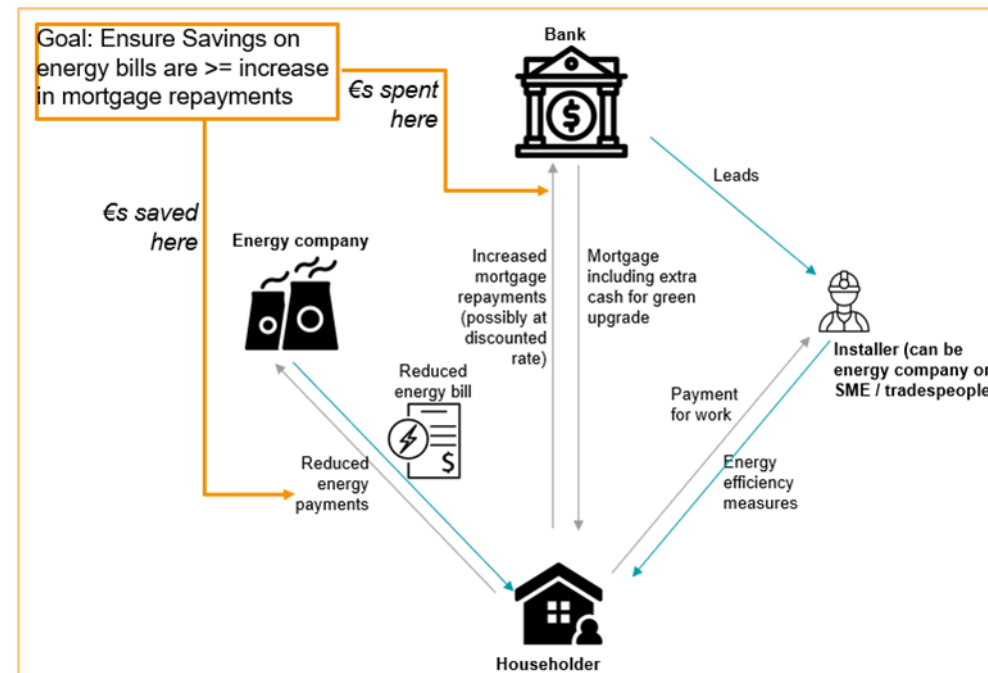


Here come the banks

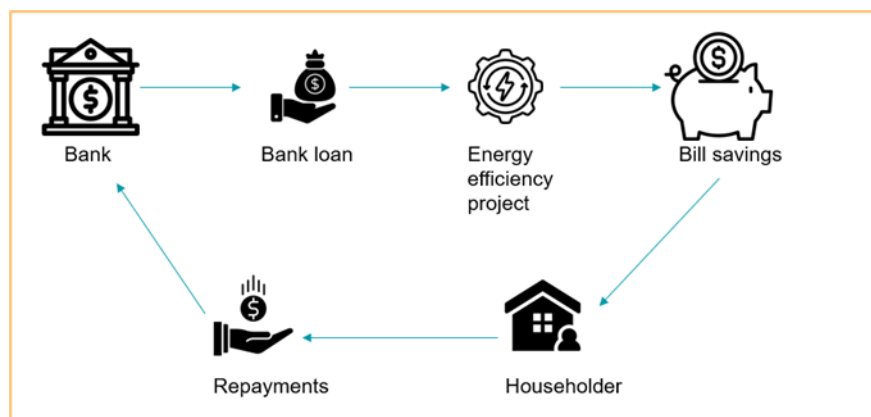
One to many approach brings different challenges



... to Green Mortgages



From Renovation Loans...



- Lower interest rates, higher value and conversion than standard mortgages or renovation loans
- Fewer defaults due to better credit rating and attitude to repayments

Where do energy companies fit in?

Traditional providers of capital are incapable of replicating previous approaches

Crowding in investment...

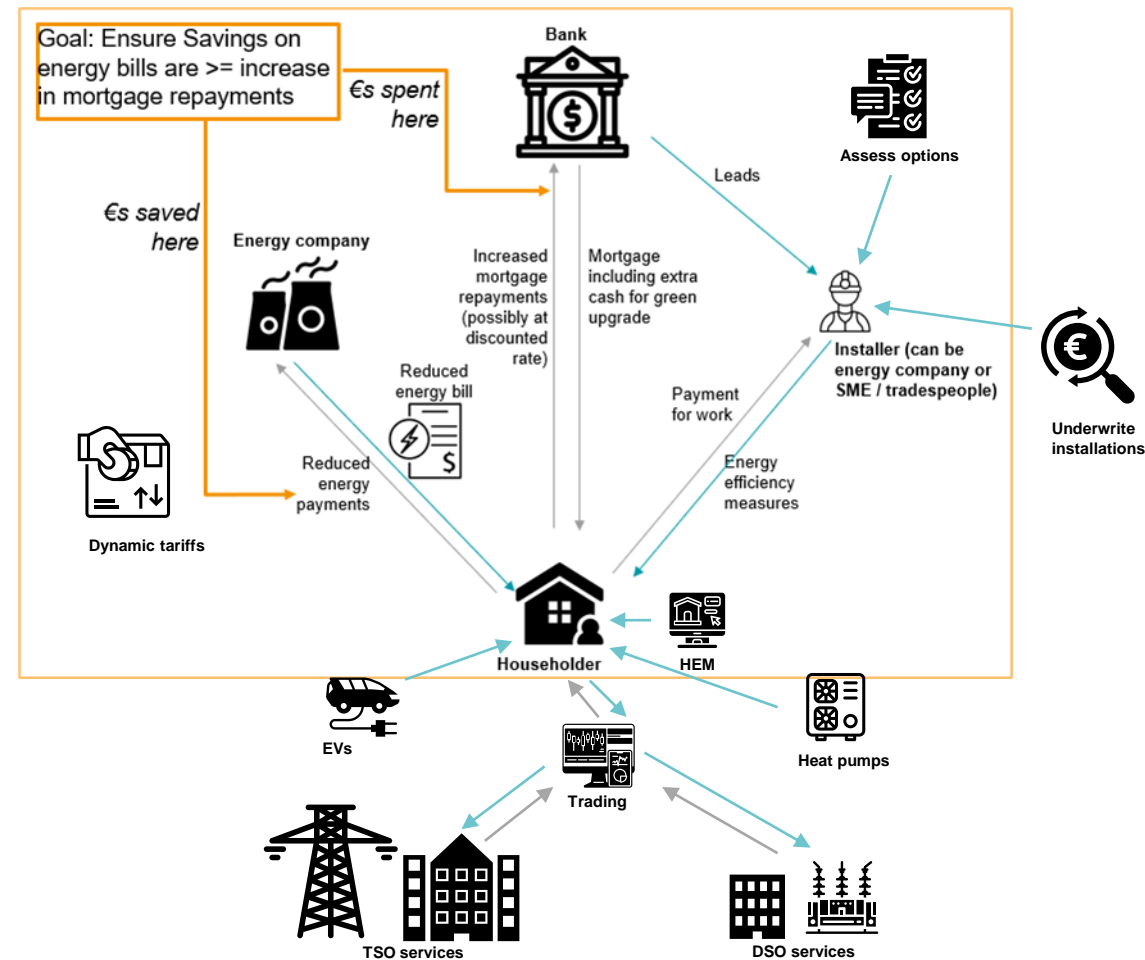
- From consumers to generation
- From banks to efficiency

...reduces energy company revenue

But local optimization can bring system benefits...

- Less expenditure on networks
- Less central generation
- Lower balancing costs

...uniquely accessible to consumer energy resources



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