



Department
for Education

NET ZERO ACCELERATOR

Market Engagement Session

15 August 2023 | netzero.accelerator@located.co.uk



ABOUT LOCATED

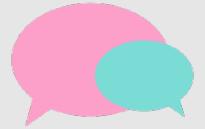
- Set up by the Department for Education in March 2017
- A limited company and arm's-length body, wholly owned and funded by the Secretary of State for Education
- 60 employees in a multidisciplinary team with specialist skills, qualifications and extensive property sector experience
- Non-profit-making.

What we do

Sustainability and climate change initiatives



Strategic property advice to schools and colleges



Site acquisition and mixed-use schemes for schools



DfE estate efficiency initiatives



Surplus Land for housing



Asset management



Help deliver cross-departmental aims for the public estate





NET ZERO ACCELERATOR: TEAM



Sharon McHale

SCCU
DfE



**Rachel
Cammiss**

Schools Commercial
DfE



Will Attlee

Associate Director
LocatED



**Paul
Broadbent**

Associate
LocatED



Nadia Persaud

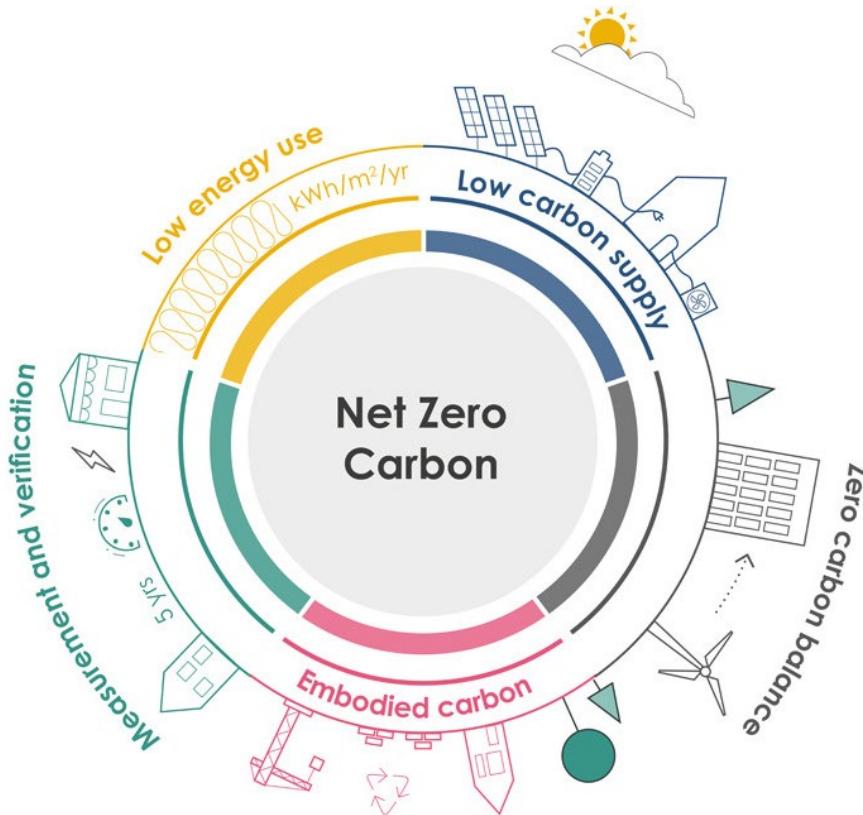
Business Manager
LocatED



**Becky
Welbourn**

Procurement
Executive
LocatED

BACKGROUND



Education estate: the context

UK Government has committed to achieving net zero by 2050



DfE estimates an energy spend of £1.67bn this year



Education estate represents 36% of total UK public sector building emissions



The school estate covers 514 million m² (circa 127,000 acres)



24,000 school buildings are beyond their estimated design life



70% of English school floor area built before 1976



Opportunity for significant improvement of energy performance in the education estate

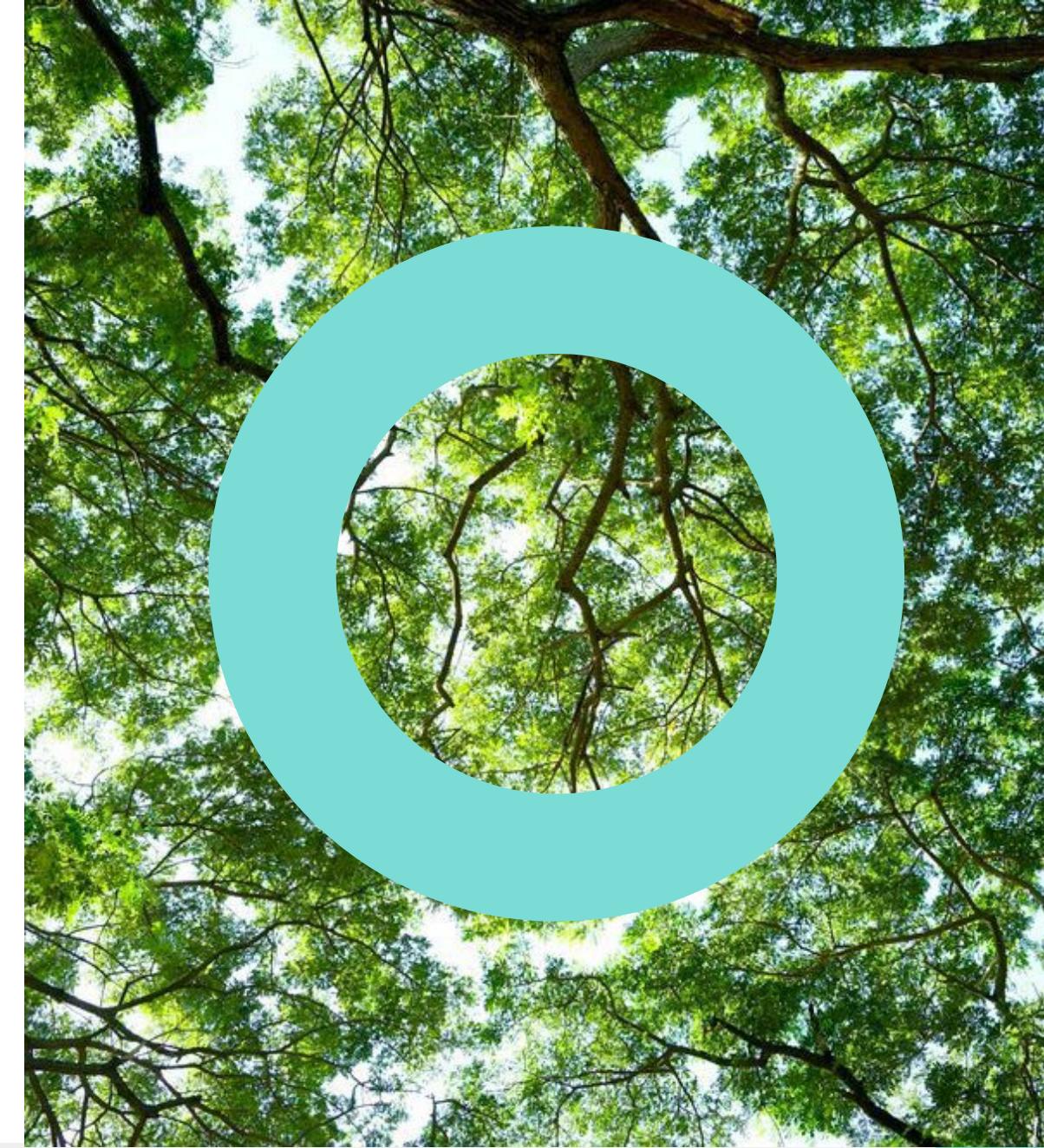




VISION

The Net Zero Accelerator will facilitate the rapid rollout of decarbonisation initiatives across the education estate

- The vision is to create a service which can support responsible bodies in the assessment of the existing condition of their estate and advise what building works they need to do and the order in which to do them
- Provide hierarchy of intervention, most likely to be – condition and basic fabric improvements, adaptation measures, energy efficiency measures, energy generation and decarbonisation
- This will be supported by a finance scheme. Through feasibility work, we will also explore whether a combination of debt/equity finance could be used.



POLICY PICTURE

- DfE Sustainability & Climate Change Strategy
April 2022
 - **Policy vision:** The UK's education sector will be a world leader in sustainability and climate change by 2030
 - **Four strategic aims:**



Five action areas:

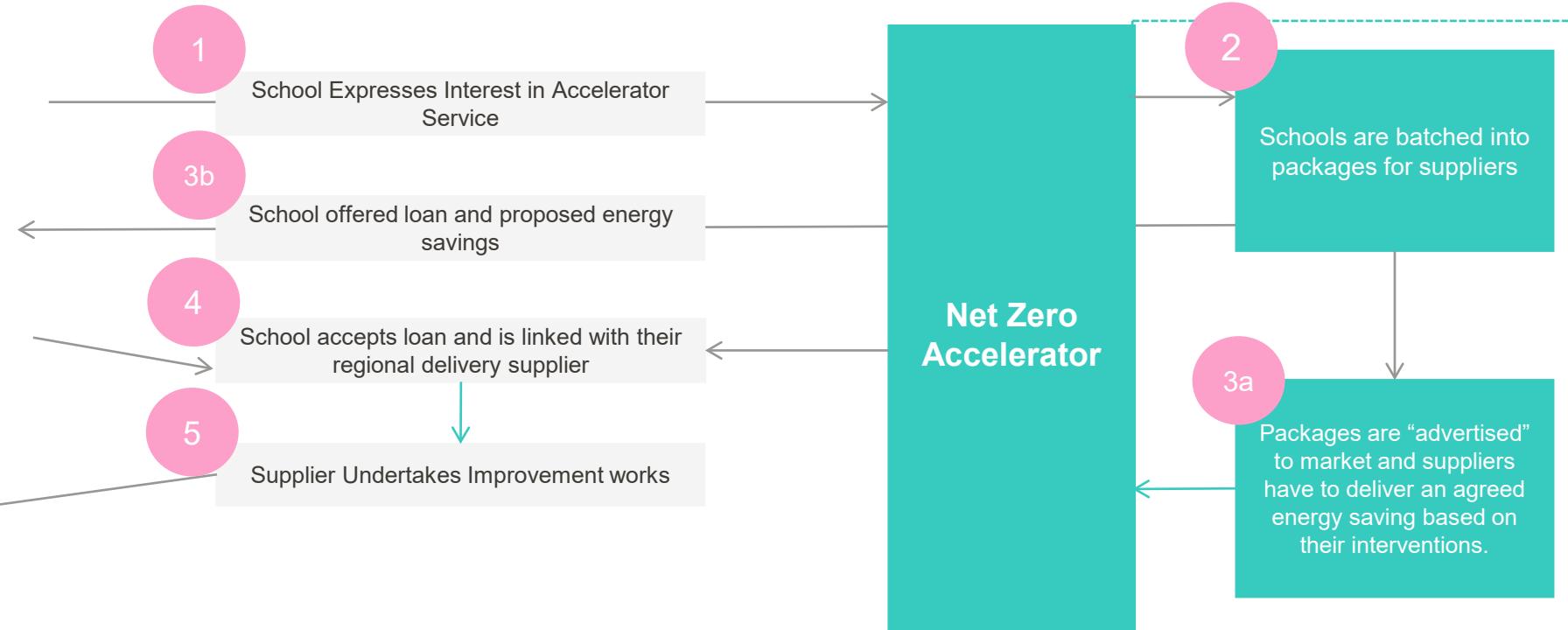
1. Climate education
2. Green skills and careers
3. The education estate and digital infrastructure
4. Operations and supply chains
5. International leadership

HOW

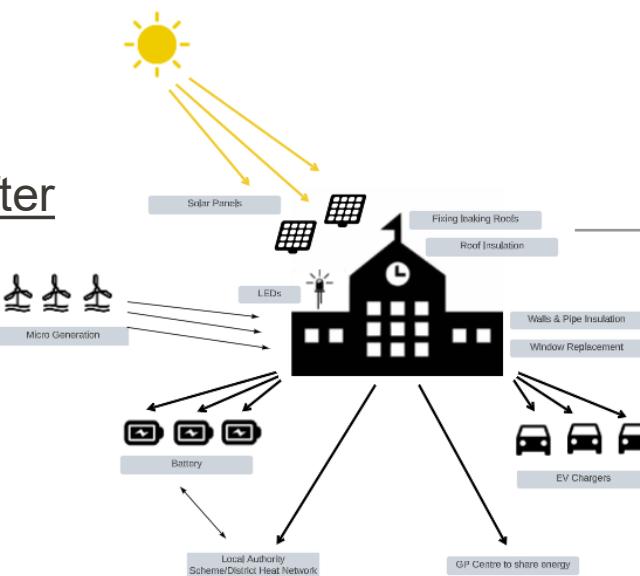
Before



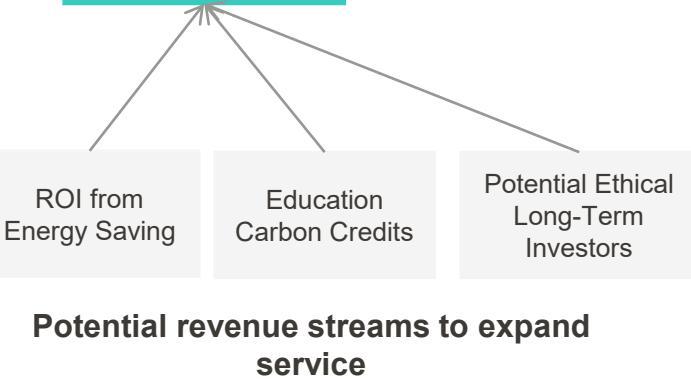
Schools in need of condition improvement



After



Energy Savings are realised



Potential revenue streams to expand service

Not Government Policy – Indicative Only



Locat ED

HOW DO WE DELIVER?

Partnerships between public & private sector

PURPOSE

To further understand the extent of the opportunity to deliver decarbonisation efficiencies across the education estate

Starting with a proof of concept/feasibility to determine the potential and appropriate technology for the decarbonisation of a selected batch of existing school sites

- This study will articulate a model for the private sector to work in partnership with the DfE/LocatED to deliver Net Zero at selected group of schools which is commercially viable
- The aim is that this feasibility study will inform the development of a ‘Net Zero Accelerator’ to decarbonise the wider school estate and achieve the Government’s 2050 net zero target
- We intend to launch an ITT to carry out this ‘Proof of concept’ feasibility study for the ‘Net Zero Accelerator’ in Autumn 2023.



NET ZERO ACCELERATOR

The ‘Net Zero Accelerator’ will:

Provide responsible bodies with a low burden service to address condition and energy efficiency to help improve their estate including delivery of decarbonisation interventions



Reduce risk to responsible bodies by requiring no upfront payment and through sharing the risk of delivery with external market partners



Demonstrate that measurable energy savings can be achieved to support the roll out of a commercially viable programme of work



Develop a service which does not require the education setting to input significant time and resource. The intervention and funding should be arranged for them



NEXT STEPS – INDICATIVE

Stage 1: August 2023

- Market Engagement Session (MES) – 15 August
- Feedback from MES to inform ITT

Stage 2: September 2023

- LocatED to issue ITT – mid September
- Tender Returns – end of September. Submissions are likely be judged on the following:
 - Innovation & Scalability
 - Granularity
 - Deliverability & replicability.

Stage 3: October 2023 - December 2023

- Up to six partners will be awarded a fixed fee (circa £50k) to work up proof of concept models. Data for scenario schools to be released by LocatED.
- Suppliers to work in partnership with LocatED to develop the proof of concept which will be finalised by December 2023.



Questions?

Please enter your questions in the chat box.

Net Zero Accelerator

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