
Modernising Energy Data

BEIS perspective

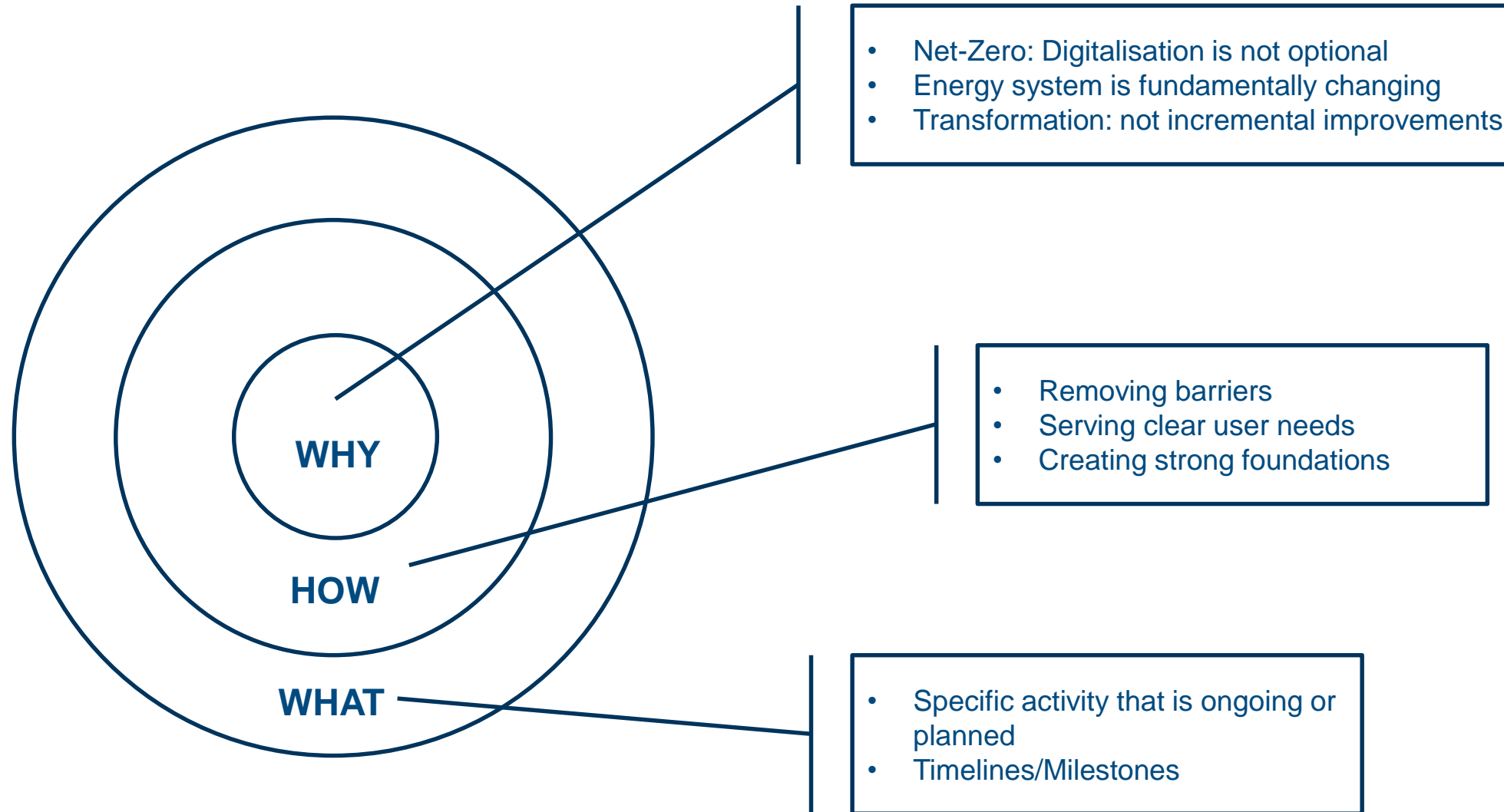
More info and contact information:

<https://www.gov.uk/government/groups/modernising-energy-data>



Department for
Business, Energy
& Industrial Strategy

Summary



The underlying theory of change



- **We will:**
- Coordinate all relevant activity and work in-sync with our stakeholders in the energy sector
- Invest in building the digital infrastructure that is required
- Set the rules and associated guidance to help the industry move forward with confidence

Input



Output

- **This will...**
- ...provide leadership and remove the barriers that are slowing down or blocking efforts to digitalise our energy system.
- It will create digital products and services for the benefit of energy system participants. For example: data catalogue, energy system map, networks digitalisation plans, asset registration portal



- **Leading to...**
- ...the timely, effective and efficient digitalisation of our energy system that will make it ready to integrate the various 'smart and flexible' low-carbon energy technologies*.
- **Their efficient integration with our energy system is crucial for a fair and just transition to net-zero*

Outcome

Journey so far: The policy development timeline

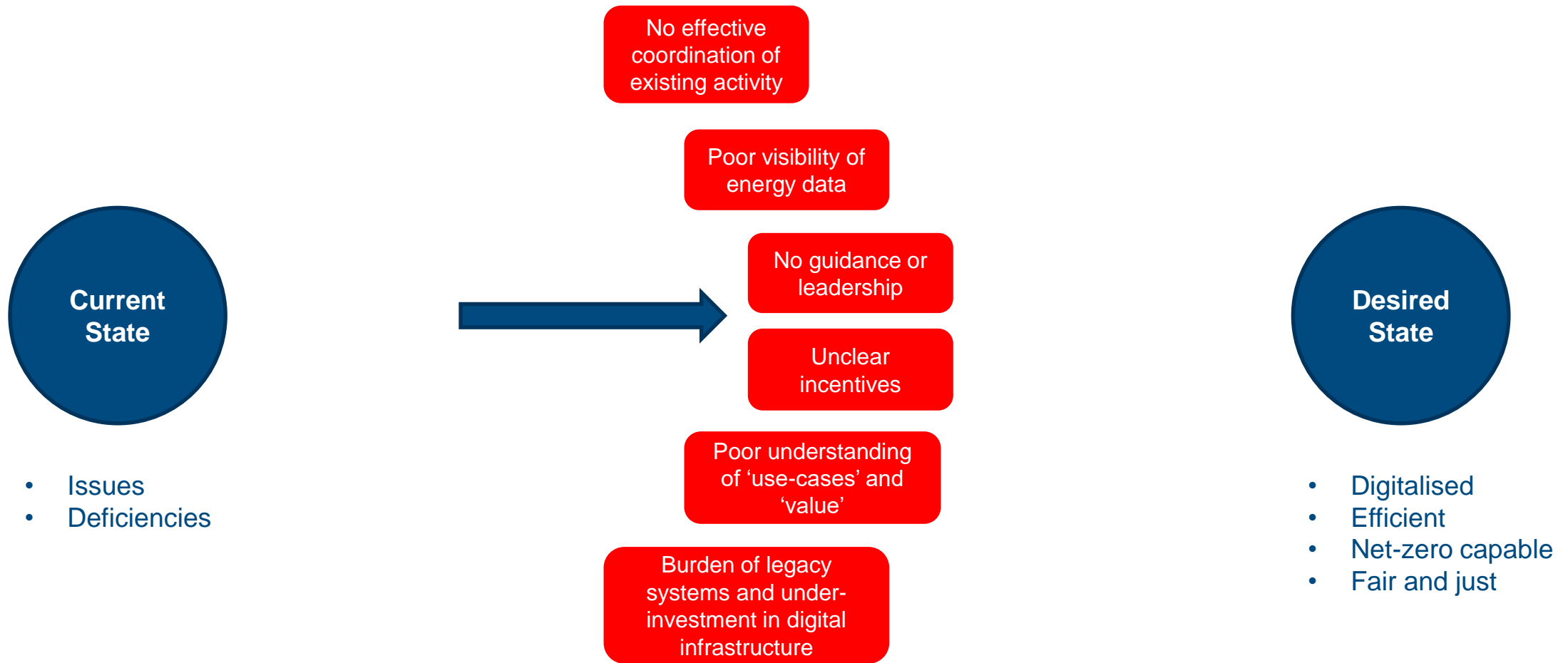
- In 2017, the Government and Ofgem jointly published our Smart Systems & Flexibility Plan, with a Progress Update in 2018.
 - This plan outlines the underlying principles of our approach to enable the transition to a smart and flexible system, with 38 actions for Government, Ofgem and/or industry to deliver.
- One of these actions was to create an independent Energy Data Taskforce.
- The Taskforce published their report in June 2019 which made 5 recommendations and set out a strategy to fill data gaps, improve the quality of data and make data more open. We are implementing the Taskforce's recommendations through 'Modernising Energy Data', a joint programme with Ofgem and Innovate UK.
- The industry has responded positively to the taskforce's recommendations and the policy and regulatory activity since.
- However, progress remains patchy and uncoordinated. So we are focusing on providing the necessary coordination and impetus.

Journey so far: Progress against the EDTF recommendations

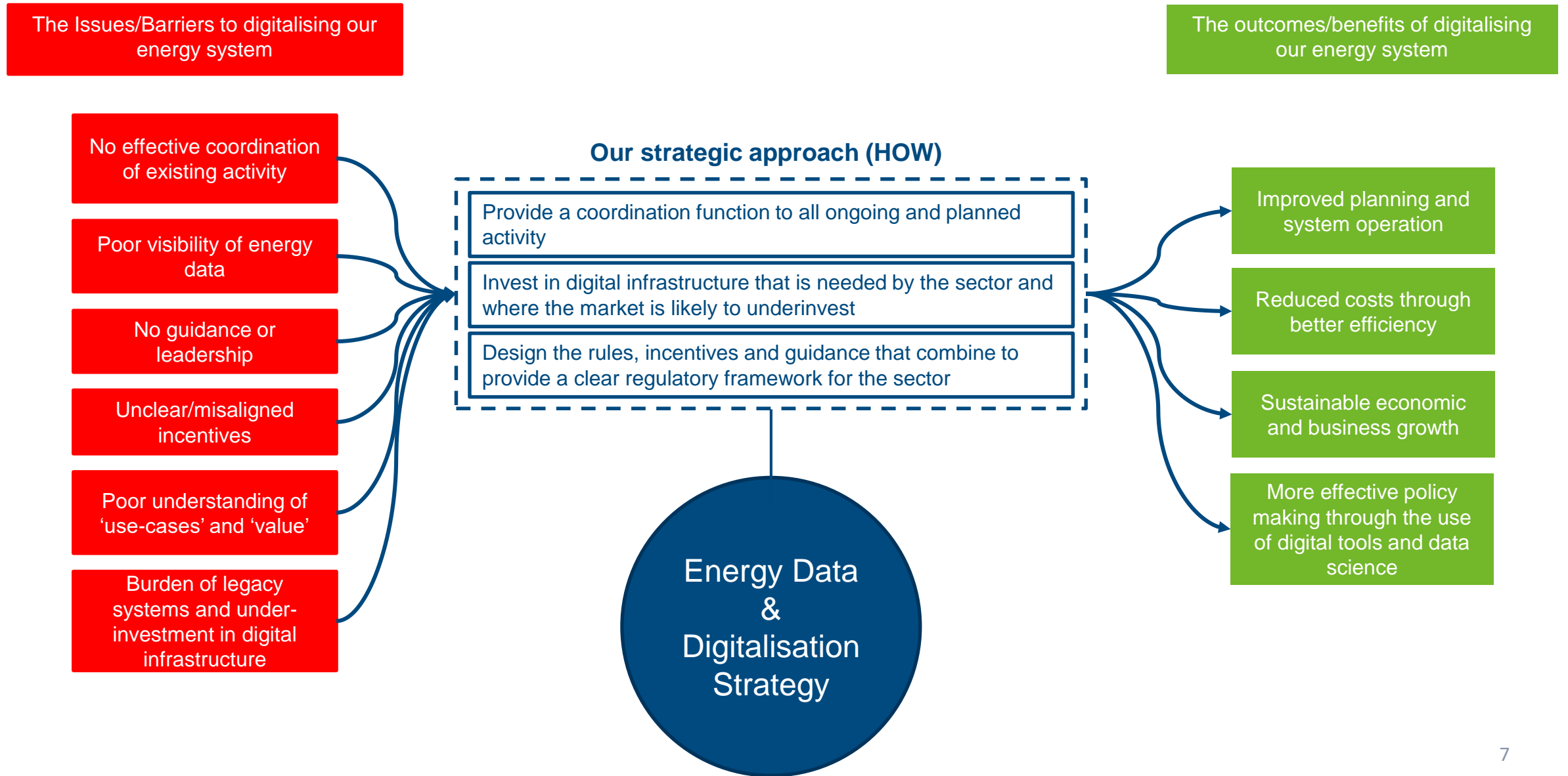
- The Energy Data Taskforce has galvanised the entire sector and created fantastic momentum towards digitalising our energy system.
- The Taskforce published their findings in June 2019 and made 5 key recommendations.
- Ofgem and BEIS formally endorsed these and formed the [‘Modernising Energy Data’](#) (MED) group with Innovate UK.
- MED and industry partners are working collaboratively to implement these recommendations.

	Energy Data Taskforce recommended that...	What is happening (or is planned)
1 & 2	The energy sector should digitalise and adopt the principle of presumed open	<ul style="list-style-type: none"> • Ofgem has asked all network companies to produce clear Digitalisation Strategies and Action Plans • Ofgem is consulting on a Data Best Practice Guidance for energy sector
3	Energy Data should be discoverable, searchable and understandable	<ul style="list-style-type: none"> • An ‘Energy Data Catalogue’ prototype by summer 2021
4	Information about energy assets that interact with our energy system should be accurately gathered and available as needed/appropriate	<ul style="list-style-type: none"> • BEIS are working with OGDs and industry to develop a simplified and clear asset registration process for small-scale energy assets
5	Information about our energy infrastructure and its performance should be accurate and easily accessible	<ul style="list-style-type: none"> • ENA are working to create a prototype National Energy System Map which is expected to be delivered by Q1 2021.

Journey ahead



Our strategy will remove these barriers



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