

# ERP Future Work Priorities

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As a trial in gauging interest in project areas seven opinion pieces were uploaded to the ERP website in December. The plenary will examine the click-through rates and interactions with each and ask whether this is helpful in setting work priorities. It will then set its own priorities for the remainder of the current consortium agreement.

To read about any of the topics below then click on the blue link and follow the link at the bottom to register interest in an area:

1. [Whole system / cross-vector energy sector considerations](#)

What are the issues for whole systems considerations – and the interaction, opportunities and trade-offs between power, heat (cooling), and transport in the transition to decarbonisation.

2. [Cost and feasibility of future energy solutions](#)

Which direction is our energy system is headed and what is the ultimate price to the consumer. Can prices rise whilst costs reduce?

3. [Autonomous vehicles](#)

A look at the emerging trends in the transportation sector and the emergence of a technology trifecta; autonomy, connectivity and electrification.

4. [Digitisation, Artificial Super Intelligence and Energy](#)

A look at the rapidly evolving technology landscape, the effect it is having and will continue to have on the energy sector. How can we capitalise on the benefits technology offers?

5. [Maintaining future grid flexibility](#)

How has the world has changed since ERP delivered its work on ways to maintain a flexible grid whilst decarbonising the energy system – and what should be considered going forward.

6. [Emerging technologies, low carbon solutions and investment](#)

What are the outcomes from the Horizon Scanning work and the emerging technologies that will help decarbonise the energy system. How should we prioritise investment to accelerate innovation?

7. [Greenhouse Gas Removal Technologies](#)

The potential importance of greenhouse gas removal, its impact on the energy system and whether it can be relied on to help address the more challenging greenhouse gas emissions.