

Gathering the necessary technical information

We are currently in the process of undertaking a range of technical assessments to help us understand the site and local environment as we develop the Magor Net Zero proposals. These assessments are being recorded and form the evidence base which we will submit as part of the application.

Our final application will present the results of a detailed assessment on the potential environmental benefits or adverse impacts arising from the construction, operation and decommissioning.



Assessments currently being undertaken include:

- Traffic and Transport
- Ecology including biodiversity net gain
- Heritage including geophysical survey
- Landscape and visual impact including photomontages
- Flood risk and drainage
- Arboricultural assessment
- Agricultural land classification survey
- Glint and glare assessment
- Alternative site assessment
- Noise
- Socio-economics
- Aviation
- Telecommunications
- Shadow Flicker

Environmental considerations

We are undertaking an assessment on the potential ecological effects and proposed mitigation measures required to address any impacts on the local environment as a result of our proposals on the local environment. This work will cover the Hydrogen Production Facility, the renewables site, as well as the cable route corridor.

Wherever possible, we will be looking at how we can provide additional benefits through ecological enhancement and mitigation, which will allow us to help improve biodiversity and deliver a 'Biodiversity Net Gain'. Examples of how this could be achieved include enhancement of existing site features such as hedgerows, as well as additional planting and management of wildflower areas and grassland on field margins and between panels.

Throughout the lifetime of the project, the site ecology and environmental impacts will be monitored, whilst revisions to planned mitigation will be assessed and agreed upon with relevant statutory bodies.

