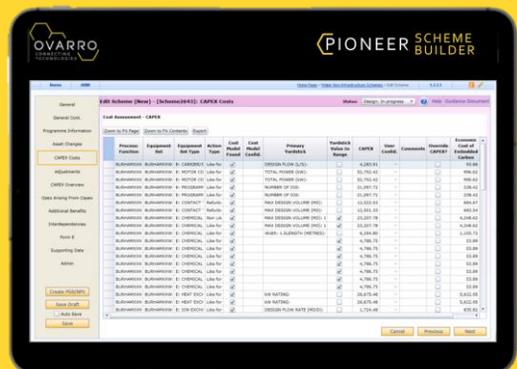


PIONEER Scheme Builder provides Asset Managers with the means of quickly and easily creating and comparing potential investment Schemes using a snapshot of company asset data and cost models. Scheme Builder offers users a simple, intuitive interface for building complex Schemes from individual asset replacements and refurbishments. Costs are automatically calculated using associated cost models.

Through integration with the PIONEER asset expenditure planning suite, Scheme Builder is able to provide a number of features not offered by stand-alone costing tools:

- Users can link Schemes to assets within the company’s asset data hierarchy
- Scheme Builder has access to PIONEER unit cost models, enabling automatic costing of new assets as well as asset replacements and refurbishments
- PIONEER users can include Schemes created with Scheme Builder as options within PIONEER investment optimisation, allowing service targets and cost constraints to be set and the most cost-effective or cost-beneficial Schemes to be identified
- Where failure models are available, the PIONEER optimiser can automatically assess the service benefits of any asset replacements or refurbishments within the Scheme
- Calculate the Net Present Value and Net Benefit of Schemes, taking account of both costs and benefits over the planning horizon.



Assets and processes can be created and removed with ease, with tools provided to aid users by copying similar Processes from elsewhere in the asset hierarchy. The cost of a Scheme is based on the following:

- Cost models associated with replace/refurbish interventions and new assets
- Complexities and project risks
- Changes in operational costs
- Overheads
- User-specified adjustments

Carbon cost models can also be applied for asset interventions and changes to Opex components, with Carbon costs automatically calculated and included in Net benefit calculations and optimisations.