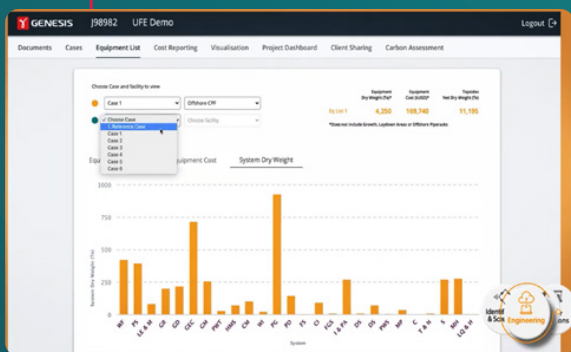


ADEPT (ASSET DEVELOPMENT EVALUATION AND PLANNING TOOL)

The result of a multi-million-dollar programme, ADEPT is Genesis' proprietary development planning and cost estimating software, providing fully flexible, engineered cost estimating solutions.

Providing Technical Definition



HOW WE CAN HELP

ADEPT supports the rapid and efficient generation of complete, high integrity technical definition and cost estimates for use during early phase screening and concept selection studies for both offshore and onshore energy transition and hydrocarbon developments. ADEPT uses bottom-up mechanistic models to produce:

- Deck area calculations,
- Full equipment lists with sizes and weights,
- Heat and material balances,
- Hull sizes,
- Onshore plant plot areas,
- Pipeline thermo-hydraulics and weight estimates for facilities.

WHAT SETS US APART

ADEPT development at Genesis has been driven primarily by the inadequacy of commercially available software to meet our clients' unique requirements and development challenges.

- **Flexibility** - ADEPT can easily be modified to accommodate new demands, such as systems required for decarbonisation and low carbon alternatives.
- **Technical Basis** - a full team of Genesis multi-discipline subject matter experts, including ET technology, process, flow assurance, subsea, naval architecture, structures, civils, cost estimating, safety and RAM are dedicated to the continual support, maintenance, and development of ADEPT.
- **Technical Visibility and Validation** - all the engineering calculations in ADEPT are performed from first principles to facilitate a 'bottom up' approach to cost estimating allowing traceability of the basis of all results.

Flexible approach
for different
developments,
including low carbon

Complete cost
calculations

Complete
transparency

Full cost assurance
and verification



CASE STUDY

Acorn Hydrogen
Project

VIEW



CAPABILITIES

Cost Estimating

VIEW



SERVICES

Digital and
Agile Services

VIEW

