

Developing Satellite Systems

takes deep technical expertise & great collaboration.

TransparentChoice was used to support the development of multiple different projects, including:

- **Selection** of a power regulation & conditioning technique
- **Selection** of launcher for a mission
- **Design** of orbital transfer strategy



transparent
choice

Each project has been supported by a bespoke model. Key themes in the **Criteria for these models** include:

- **Technical Features** such as manoeuvrability & mass that will impact performance
- **Compatibility Reviews** to determine fit to existing components which will impact integration workload
- **Complexity**, with factors such as ease of implementation & number of different suppliers
- **Reliability & Performance** projections that will determine the value of the investment
- **Programmatic Risks** potentially impacting timeliness & budget



Cost was mainly used as an Attribute / constraint rather than a Criteria – in line with **AHP best practice** when defining value



Support multi-disciplinary workshops to deliver Concurrent Engineering, especially helping build collaborative decision making –

“TransparentChoice means that we no longer just listen to the loudest person in the room”

