

Project Considerations



Collaboration is central to our design process.

The design team has worked with multiple stakeholders, schools, and the council over 18 workshops to learn the key constraints that limit the project's possibilities. The team identified two sets of project needs.

1. Within the Village

Stenness Everyday Travel



Promote Safety

Managing inappropriate speeds, improving pedestrian safety and creating safe crossings. The A965 to the waterfront, across Ireland Road and the school. comply with design standards and good design practice to support a safe / fundable design.



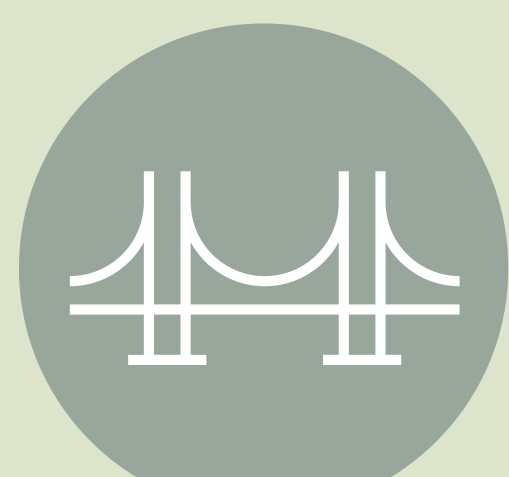
Promote Connectivity

Create loop walks, routes and paths connecting the village and providing opportunities to walk and wheel.



Flooding & Drainage

The area is subject to flood risk; with a high-water table limiting design options. The Barnhouse flood plan is a key constraint.



Minimise Structures

New bridges will require maintenance and repair with future costs borne by the council.



Land Ownership

The availability of land is critical of all design options. Working with landowners, respecting their privacy and access needs is paramount.



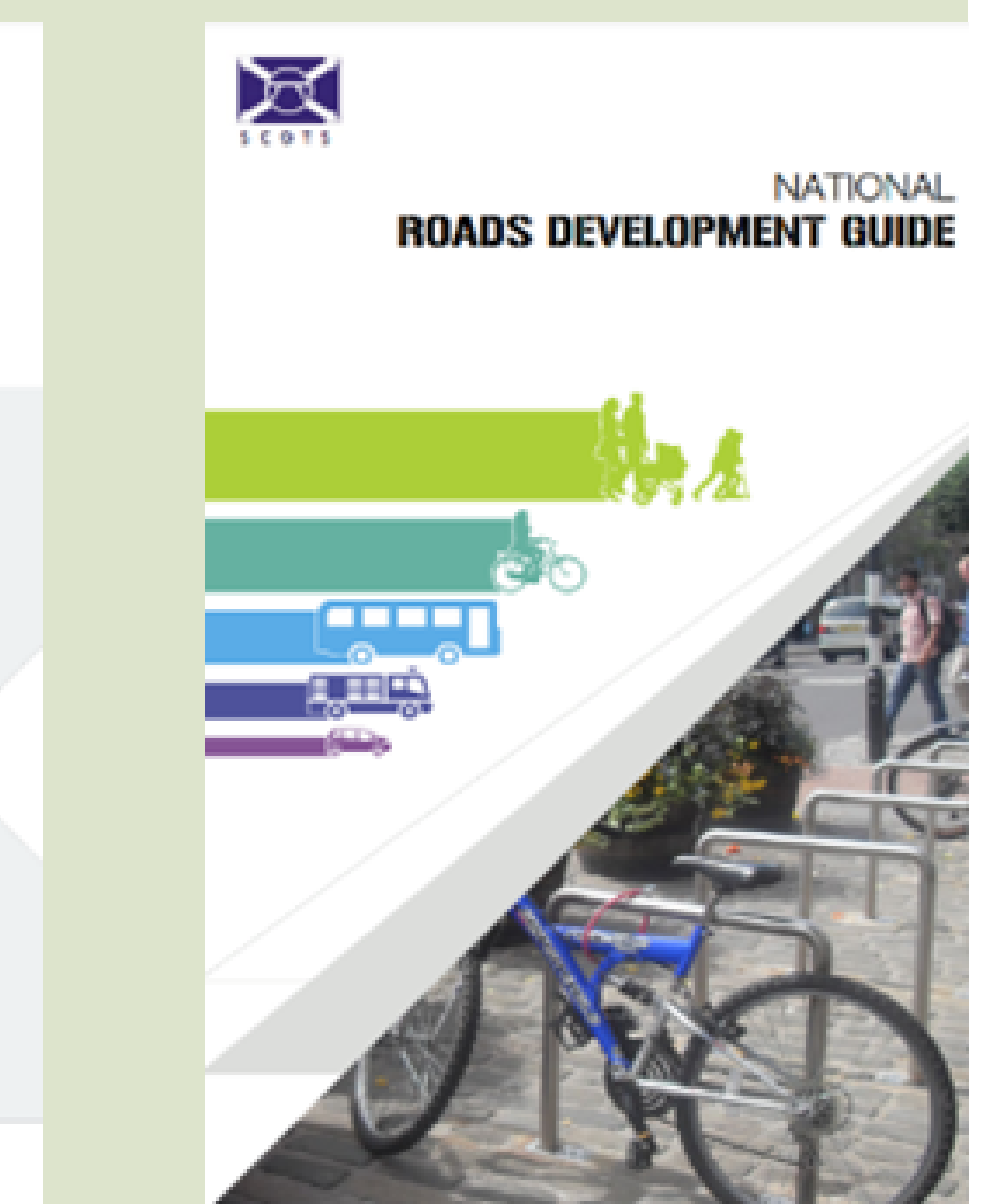
Consider the Heritage Setting

Minimise the use of tarmac and standard infrastructure; considering sensitive alternatives which can still meet enviromental and all weather safety needs.



Ecology

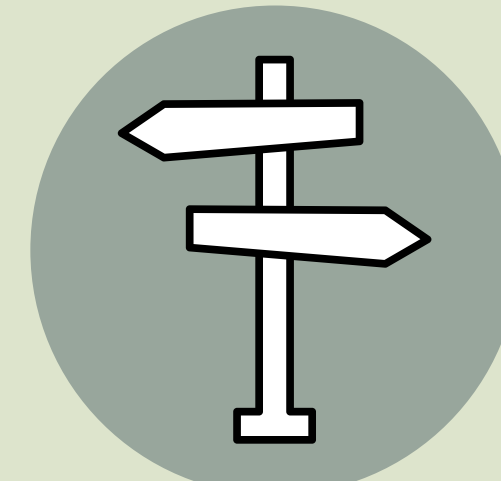
Protect important habitats and potentially protected species.



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2. Moving around the World Heritage Site (WHS)

Connecting people and place



Defining the WHS

Creating a recognisable start and end point to the world heritage site, defining a “special” place.



Increasing Visitor Dwell Time

Avoiding short visits. Providing a greater range of travel options/routes. Creating loop walks and routes connecting the village and WHS following natural travel desire lines.



Work with landowners

Respecting their privacy and access needs. Minimise land requirements where possible.



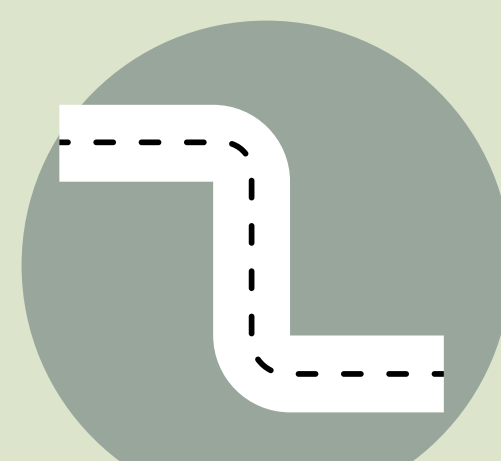
Design for Safety

To safely cross the A965, the speed limit must be lowered and enforced. Brodgar Road is not suitable for coach traffic.



Consider the needs of locals

Maintaining year-round access with minimal restrictions.



Challenge the existing layout

The current access and egress locations to the monument's. Is Maeshowe really best served from the A965? Examine solutions for Brodgar Road crossroads.



Flooding & Drainage

The area is subject to flood risk, with a high-water table limiting design options. The Barnhouse flood plan is a key constraint.



Minimise structures

Additional bridges, build-outs and retaining walls, as these will need to be maintained.



Respecting Ecology

Protect important habitats and potentially protected species. Avoid proximity to the loch.

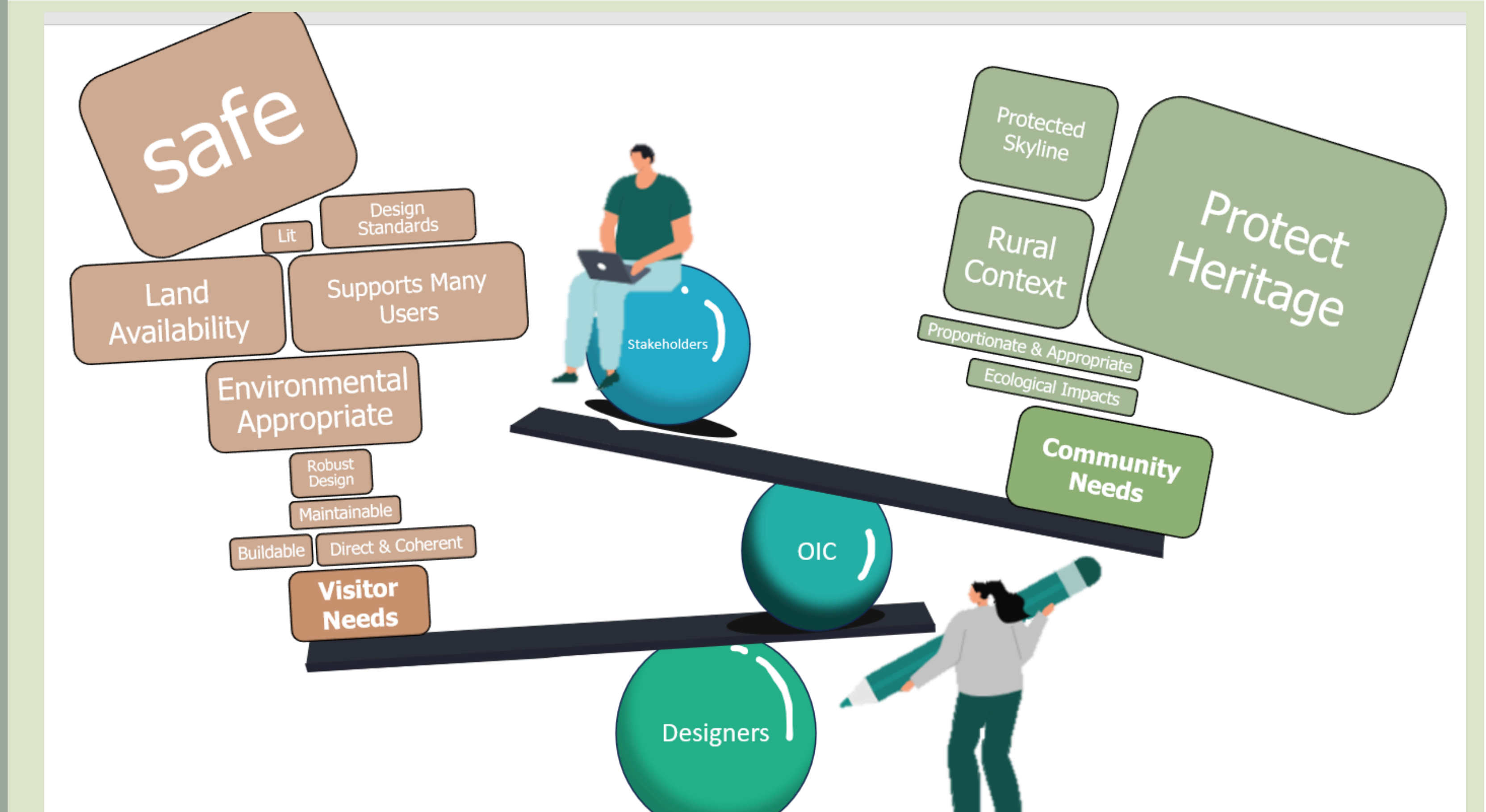


Alignment with design standards and good design practice

To support safety and promote a fundable design for a variety of people including vulnerable users.



Meeting the needs of all stakeholders including transport, retail and community needs



Visitors at Stonehenge



Future visitors at the WHS?