

**Marloes & St Brides proposed community project:
Solar Pavilion (shelter with electricity generating PV roof)
for
Marloes Village Playing Field**

Marloes & St Brides Community Council is proposing that we submit this project for a Pembrokeshire County Council Enhancing Pembrokeshire grant (application deadline 6th Sept).

The Enhancing Pembrokeshire application process is laborious. So before going further the Community Council is, with the support of the Playing Field Committee, circulating this project outline: we are seeking approval of the basic concept from community organisations, individual residents, and others with links to our community.

We believe the Solar Pavilion would provide a useful facility which both residents and visitors would enjoy, while the renewable power generated would help defray village clock running costs.

We emphasise that we are just at Basic Concept stage, so suggestions from anyone would be welcome; if you have ideas or questions, please contact Cllr Christopher Jessop in the first instance (email greatwestern@btinternet.com or 01646 636789), or Yvonne Evans, Clerk (email ycevens@hotmail.com or 01646 636251).

Please note:

- this isn't a request for contributions: we are just asking for people's support;
- this project is scheduled as first agenda item at the MStBCC meeting (Mon 14th June 7.30pm); N.B. if this is held in the Village Hall instead of via Zoom, there will be a very tight restriction on attendee numbers.

We look forward to hearing from anyone interested.

Yvonne Evans
Clerk to Marloes & St Brides Community Council

Project Outline

1. An open pavilion, four posts supporting a Solar PV roof above an all-weather level base.
2. Approximately 6m wide x 4m deep x 3m high: a similar usable space to Dale Hall stage.
3. Low maintenance: adaptation of a proprietary solar canopy / solar carport design.
4. Location: east end of Playing Field, facing approximately west (towards swings).
5. Project includes the creation of a new foot/wheelchair access at east end of playing field.
6. Power generated by PV fed underground to village clock.
7. Mains connection provides a power supply for community functions/entertainments.
8. For special functions, pavilion can be fitted with marquee sidings for extra shelter.
9. Optional extras: electric bike & wheelchair charge points; basic lighting.

The photo "grabs" below from various websites show possible designs.

Solar PV carport (timber)



Solar PV school porch (steel)



Solar PV canopy (aluminium)

Note the semi-transparent PV glass: the trade-off is, less power generated.

