



Empowering Sustainable Communities

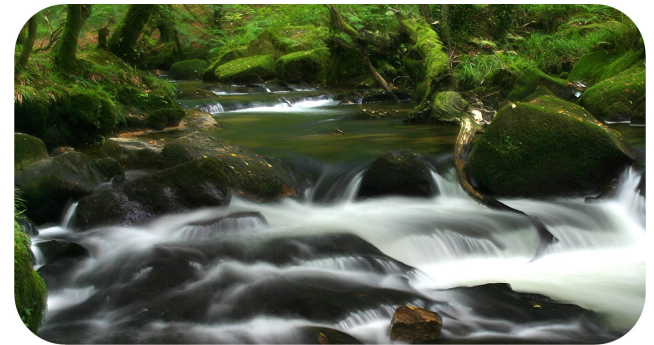
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Our Approach

- SgurrEnergy has an extensive background in providing strategic financial and technical advisory services to the Renewable Energy Industry.
- As experienced practitioners, we share common perspectives and a strong commitment with our clients to establish renewable and sustainable systems.
- As long-term partners with its clients, SgurrEnergy seek to cultivate lasting relationships that will result in the creation and development of profitable renewable energy schemes.
- These benefit both partners, as well as helping to meet broader environmental and economic goals.



SgurrEnergy

- SgurrEnergy's broad aims include the promotion of energy sustainability in communities through energy efficiency, energy conservation and the development of renewable energy projects.
- These include:
 - wind
 - biomass & biogas
 - hydro
 - wave & tidal
 - solar



SgurrEnergy Activities

The following areas of work will typically be carried out and completed by SgurrEnergy and its partners on behalf of clients:

- Noise analysis and mitigation arrangements;
- Ornithological and Archaeological survey;
- Ecology surveys and management plans;
- Negotiation of electrical grid/network connection offer and agreements;
- Landscape/visual impact and landscaping assessment and mitigation arrangements;
- Resolution of aviation, MOD, radar and telecommunications issues;
- Managing the preparation of the planning submission and
- Environmental Impact Assessment process including appointment and management of sub-contractors;



SgurrEnergy Activities cont'd

- Windspeed and direction monitoring;
- Peat probing, topographical survey, site geotechnical and geophysical investigation and if necessary hydrological survey;
- Project energy yield evaluation;
- Project outline design and layout; Project management and programming including budget control and monitoring and monthly progress meetings;
- Preparation of the documented project capital costs on an 'open book' basis, for review and approval by the communities;
- Public Consultation;
- Technical, commercial and legal due diligence of project design and yield calculations, agreements, planning submissions, environmental impact assessment and consultation and public domain documents;
- Generally assisting as reasonably necessary in the communities' development activities.



Community Renewable Projects

- A significant amount of Scotland's future renewable generation capacity could be developed as 'community owned' projects, following the pattern found in Denmark, Germany, the Netherlands and many other European countries.
- Small wind farms and other renewable energy projects in those countries are typically owned by groups of individuals, farmers and/or cooperatives formed by nearby residents and local businesses.



Why build one?

- Reduce dependence on traditional sources of social funding, such as the government.
- Ensure a regular income that will allow the community to fulfil local social and economic objectives.



What's the benefit?

- A commercial scheme can potentially provide an annual income of over £100,000
- May also provide some employment opportunities.
- The Community Company will determine how the money is applied in support of local social and economic objectives.



Community Led?

- The objectives of the Community must form the basis of the development.
- All information relating to the proposal should be freely available to the Community at all times.
- There must be a transparent and open mechanism for liaison and consultation.



A community typically needs:

- Professionals with hands-on experience of renewable energy project development and management.
- Qualified advisors with detailed knowledge of environmental and renewable technologies.
- Advisors with a broad understanding of Community Cooperative Projects.



The Role of the Advisor

- Before being able to support a community, SgurrEnergy or any other advisor will first have to be formally appointed.
- Only then can the detailed development work necessary to bring forward a successful project begin.
- Such work may include everything from environmental impact studies to design, construction, operation, maintenance, decommissioning and replacement.



Definition of Terms of Reference

- To instruct anyone or progress a project, a Community Organisation must hold a formal mandate and be legally established. The following should be completed;
 - The community organisation must procure a formal mandate to investigate the opportunity
 - They must have formally defined their purpose and their objectives for the proposed renewable energy project.
 - They must devise a means to provide all participants in any ongoing consultation process with information regarding the proposed development and an opportunity to influence the final outcome.
 - This must include a consultation process with the public and all stakeholders.



Community Renewables

- SgurrEnergy believe that there is a real requirement for;
- Facilitation of self-determination and empowerment of communities to develop their own renewable energy projects
 - Provision of financial and technical assistance for the development of community renewable energy projects
 - Assistance to mobilise private and public resources to support community projects
 - Provision of support for emerging and established community development companies
 - Detailed support for organisations such as community energy companies and co-operatives (both public and private) seeking to develop their own renewable energy projects
 - **HOWEVER;**

What's the story ... ?





Zenzele in Zimbabwe

- The ORAP way of the Organization of Rural Associations for Progress has empowered 1.5 million people to do their own development.
- “ORAP is our fortune,” says Elina Ncube, age 49, a widow and mother of eight. “ORAP gave us education. We can do things on our own. We no longer beg. We are self-reliant!”
- ORAP dates back to 1980 when a Zimbabwean woman, Sith-embiso Nyoni, started a group called the *Zenzele* (self-reliance) *Rural Development Co-ordinating Committee* to work with people to find rural development alternatives.



The Process

The first stages are;

1. **Ziqoqe (Organize Yourself)**. self-examination and self-discipline to identify potential, skills, knowledge & aspirations.
2. **Zenzele (Do It Yourself)**. The Community engages in development. Without waiting for help to arrive from the outside, they use whatever can be mobilised. The people act.



Conclusion: Em-POWERING Communities

- As communities in Scotland have become more empowered they are increasingly trying to identify, develop and implement revenue generating enterprises to reduce their dependence on traditional sources of social funding, such as the government.
- Such enterprises have the potential to enhance and strengthen their community whilst creating an income stream that will allow them to fulfil their local social and economic objectives.
- By developing a renewable energy project as a cooperative community project, they can ensure a regular income for these purposes
- SgurrEnergy can help



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