

Ireland has a Bright Future

We have the Energy, Imagination and Skills to solve our problems and create a Bright Future for Our Children and Future Generations

A breakthrough National Project can:

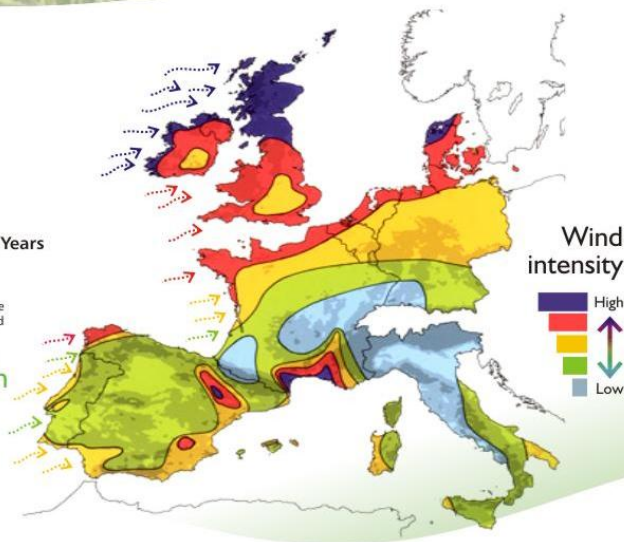
- Provide Tens of Thousands of Jobs
- Achieve Energy Independence in Five Years
- Save €30 Billions Importing Fossil Fuels Over 10 Years
- Create Potential to Add €50bn Energy Exports Over 10 Years
- Dramatically Reduce Carbon Dioxide Emissions

We must use our wonderful natural gifts, resources and talents to create a new future for our nation. At the same time we can help secure European energy supplies and positively effect our air quality and environment.

To Start - Natural Energy is Our Wealth



Ireland has no fossil fuel energy of significance. Every year €6.8 billions of hard earned cash flows out of our country on oil, gas and coal imports - €30 billions over 10 years for electricity alone. Fossil fuels harm our planet and we produce in excess of 69.28 million tonnes of damaging gasses every year.



We can change this if we choose;

Ireland has wonderful advantages of geography. We have some of the very best Natural Energy resources in Europe.

Every day and every night, truly extraordinary wealth in terms of wind energy alone blows across our land. Our place on the corner of Europe tipping into the huge Atlantic Ocean ensures that we have been blessed with an endless supply of Natural Energy on a massive scale and of enormous potential - billions of Euros per year.

Wind - Our uneven energy resource;

Wind is a wonderful source of natural, emissions free energy. However, it also has significant drawbacks. It is difficult to predict, intermittent, variable in strength, often there when not required and not there when required. It creates instabilities in the power network and is very difficult for network operators to dispatch (switch in and out as demand changes). In short, wind is limited in terms of strategic and economic value unless its energy is made stable and fully commercially usable. We can only switch to Natural Energy and export valuable power when we make it completely reliable and available on demand.

The Solution - Harnessing the Wind

To make wind usable on a large scale, it must be stabilised and become immediately available when required. The way to do this is to have a cost effective means of storing its energy.

There is a solution. By building large **Hydro Storage Reservoirs**, we can store **Natural Energy** from the wind.



Energy flows from the wind to fill Hydro Storage Reservoirs

We have natural gifts of geology as well as geography. Over the past six months a team of internationally experienced Engineers, Academics, Consultants, Architects, Geologists, Construction experts, Legal and Finance professionals have been working intensively on initial design and costing of Hydro Storage Reservoirs and the power networks necessary to connect these to the National Grid.

Professor Igor Shvets of Trinity College recognised that Ireland has been granted wonderful gifts of nature. He identified high glacial valleys near the West Coast, facing the sea. These are ideally shaped. By building simple rock dams in a few valleys, Ireland can create huge Hydro Storage at very reasonable cost. Filling the reservoirs with power from wind energy and using it as **Hydro Energy** when needed means that the intermittency of the wind problem is resolved. The secure electricity produced is very valuable and becomes **Ireland's Natural Grid**.

Energy Independence is within our reach;

When completed over the next five years, like Ardara and rural electrification, this project will transform Ireland. The combination of Wind Farms and Hydro Storage Reservoirs will end our dependence on imported oil, gas and coal for power generation. We will be saving Billions every year which we need for our Hospitals, Schools and Pensions. Our economy and environment will be renewed.

Earning through Natural Energy Export;

Through large Power Interconnectors to Europe, Ireland can provide valuable, much needed Natural Energy to our European partners. We can help secure European energy supplies and cut its greenhouse emissions.

Jobs, Businesses, the Economy and our Bright Future;

This is a huge infrastructure project - €10 billions plus, which will pay for itself, stimulate the economy, create tens of thousand of jobs, save many businesses, start many more and generate a huge new economic sector for our country - Natural Energy, Products and Services. It will end our exposure to global energy costs and make us energy competitive and independent and will attract flows of investment capital. It will provide opportunities for training, skills development and research.

Building a Secure Future and a Better Environment;

As part of building Ireland's secure future we will have to construct Hydro Storage Reservoirs, wind farms in suitable locations and place the cabling needed to connect Ireland's new Natural Energy to our homes and businesses. Every effort will be made using our best architects and experts to ensure this is done in an ecologically and architecturally sensitive manner. We have to be prepared to accept this if we are to have a secure future and a better global environment.



Ireland Needs You;

The Spirit of Ireland is a spirit of resilience. Creativity and endurance have been synonymous with our people since ancient times. Now is the time to use all our resources - and if we do.

- We Can** - Secure Ireland's economy and determine our own future
- We Can** - Stop the drain of the best and brightest of our young people
- We Can** - Enable local communities to control their economic development
- We Can** - Create thousands of jobs which won't leave our local communities
- We Can** - Harvest the wind and grow income for farm families
- We Can** - Distribute wealth to counties and spur regional development
- We Can** - Provide opportunities for training in whole new sectors
- We Can** - Export knowledge and technology
- We Can** - Develop Eco-Tourism
- We Can** - Use Energy Export income to support pensions and the disadvantaged
- We Can** - Be responsible by dramatically reducing carbon dioxide emissions

We Need You

This is a National Endeavour. It can only succeed with the wholehearted support of the Irish people, our civic leaders, companies, State and non state organisations. Does this sound like the kind of future you would wish for Ireland? Then register your opinion - **Yes, No, Maybe** or if you want more information or wish to participate in this critical National project,

Please, please go to; www.SpiritofIreland.org

Or Text **Spirit** and your email address to 086 780 1800 and we'll e-mail you.

Ireland has a Bright Future - Let us Work Together, Let us Begin.

