

reliable

Energy is an existential necessity. Just like our environment.



Energy stands for a high standard of living. It provides livelihoods and prosperity. Just like a clean environment. The production of electricity becomes ever more urgent, but usually comes at an ever higher price - both in terms of money and environmental damage. Fukushima once again clearly demonstrated the risks of nuclear power, where whole regions can be made uninhabitable. The extraction of fossil fuels is also dangerous and increasingly expensive. The major contamination now seen in the Gulf of Mexico, the Niger Delta and in the rainforests is just one example of how our basic ecosystem is being destroyed.



Major emerging economies need ever more energy to support rapid growth, and will often use polluting fuels, in part due to adverse climatic conditions. What these countries really need is clean energy, since arable land and water are valuable resources whose destruction not only causes severe economic damage, but also represents a menace for the rest of the world!



Revolutionary, clean energy, everywhere. Unthinkable? No longer.

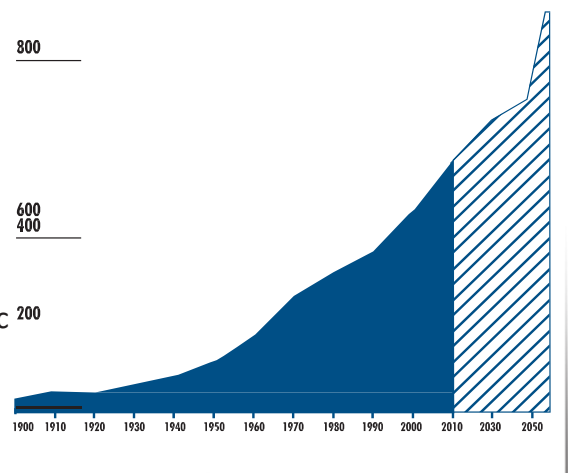
Imagine that your future energy problems could be solved today, without limitation or cost to the environment- and all that at a fair price, for all regions around the world- even where production has until now been expensive or uneconomical.



Imagine even, that the energy sources in use could be unlimited and cost-efficient, independent of geological or climatic conditions.

Worldwide energy consumption in Exajoules 1900-2050

Energy production technology that is, on top of this, cheap to build and service, in spite of its high performance, and without toxic waste products.



Source: Deutsche Shell in "Spiegel" magazine 2006



This would be the perfect solution... for mankind, the industry and the environment.

The solution is: harvesting wind power with GS-1000NT turbines.







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GS-1000NT: Vertical turbines with unique patents

Development of conventional horizontal wind turbines has been very sluggish over the past few years. Their manufacture remains expensive, they remain generally ill-suited for use in many wind zones and installation is costly, particularly in geologically challenging areas. Further, considerable expenses are incurred transporting the components and servicing the turbines.

GS-1000NT Turbines offer so many advantages that conventional turbines cannot, at least not to the same extent. Also, in comparison with other energy sources, Gale Force systems offer clear advantages.

Allow the comprehensive qualities of GS-1000NT wind turbines to speak for themselves. Contact us for further information!

| Energy source |  |  |  |  |  GF 1000 |  |  |  |
|-------------------------------|---|---|---|---|--|---|---|---|
| Installation cost | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ⊖ | ⊖ | ⊖ |
| Service costs | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ○ | ⊖ | ⊖ |
| Flexibility | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ | ○ |
| Efficiency | ⊕ | ⊖ | ⊖ | ⊖ | ⊕ | ○ | ⊕ | ⊕ |
| High wind | ○ | ○ | ○ | ○ | ⊕ | ○ | ○ | ⊖ |
| Efficiency per m ² | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ○ | ○ | ⊖ |
| Extreme climate | ○ | ○ | ○ | ○ | ⊕ | ○ | ⊖ | ⊖ |
| Geol. problem zones | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ○ | ⊖ | ⊖ |
| Waste products | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ |
| Environmental pollution | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ |
| Safety | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ |

 positive
  negative
  neutral

Values generally refer (among other things) to investments in Euro/mW, independence from geological circumstance, general tailor ability, suitability and sensitivity of units under extreme geological conditions, efficiency per unit density/m², effectiveness/energy density, safety of manufacturing facilities also, consequences of accidents, generation of waste products, etc. The diagram is for illustrative purposes only and should not be taken as a binding source. Without guarantee.