

NTS: Executive Summary

High altitude wind is the most promising renewable energy source to reach the goal of substituting fossil fuels on an economical basis. NTS plans to market a patented, entirely new power plant for the production of electrical energy by harnessing the enormous energy of wind at an altitude of 500m/1.500 feet. The NTS-Concept assembles well-known technologies to a unique and flexible wind power plant which is able to produce baseload energy and is suitable to almost any territory.

NTS assembles two existing technologies:

- Automatically steered kites (developed eg by NTS, Skysails, aeroix, Kitegen, KiteNRG etc.)
- Mono-Rails (eg. Bombardier, Maurer Söhne GmbH, Garaventa, Leitner etc.)

into a unique, patented and most profitable wind power plant harnessing the winds at 500m:



Partner / LOI:



Advantages:

- Simple and flexible construction based on well-known technologies
- Wind availability for energy production approx. 90%
- Capability to produce baseload energy
- At least three times more efficient than common onshore windmills
- Scalable and suitable to almost any territory
- High profitability and low investment costs
- Production costs below fossil fuels

Latest News:

- NTS welcomes MAMA Sustainable Incubation AG and Kreditanstalt für Wiederaufbau as financial investors. The “cornerstone investor” at MAMA is the global player 3M. 3M products as well as the outstanding experience of 3M brings additional benefits.
- A prototype is under construction at northern Germany and will be in operation by July 2011.
- Permits and approvals for tests are granted.

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