

FA programme any more, because the expected cost reduction necessary as political justification for the realisation of the second stage of the programme has not yet materialised.

Even for the Brazilian-based industry which the government meant to protect by import duties, this situation is only a short-term advantage which in no way ensures a survival in the long run. With about 1.400 MW altogether, the first stage of PROINFA, without the market prospects of the second stage, is only a very limited market for the international wind industry, which because of the difficult economic situation of the projects probably will not even be fully exhausted.

For foreign manufacturers it is not exactly very tempting to think of setting up a wind turbine production in Brazil. A well-meant support programme is running the risk of falling flat, because it wasn't thought through properly. In view of the power shortages to be expected again in the future, this is not exactly a long-term strategy. What's worse, the consumer has to pay for the electricity supported by PROINFA, without the additional benefit of new industrial investments and therefore the creation of new jobs.



Afonso Celso Caldas Pacheco

tos dos projetos. A desagradável consequência desta situação já fica notável: dificilmente mais alguém fala sobre a segunda fase do PROINFA, porque a necessária redução de custos prevista e justificativa política para a realização da segunda fase do programa não se materializou ainda.

Até mesmo para a indústria instalada no Brasil, que o governo teve a intenção de proteger através das obrigações de importação, esta situação é apenas uma vantagem de curto prazo e que de maneira nenhuma assegura uma sobrevivência no longo prazo. A primeira fase do PROINFA, com aproximadamente 1.400 MW ao todo, sem o mercado potencial da segunda fase, é apenas um mercado muito limitado para a indústria eólica internacional e que, por causa da difícil situação econômica dos projetos, provavelmente não vai nem mesmo ser esgotado completamente. Para os fabricantes estrangeiros não é exatamente muito tentador pensar em implementar a produção de turbinas eólicas no Brasil. Um programa de apoio bem intencionado está correndo o risco de falhar, devido ao fato disto não ter sido pensado corretamente. Em vista da recorrente escassez de energia esperada para o futuro esta não é exatamente uma estratégia no longo prazo. O que é pior, o consumidor tem que pagar pela eletricidade gerada dentro do PROINFA, sem o benefício adicional de novos investimentos industriais e, portanto, a criação de novos postos de trabalho.

Das Seminarangebot des Deutschen Windenergie-Instituts im Frühjahr/Sommer 2006

Seminars Offered by DEWI in Spring/Summer 2006

B. Neddermann; DEWI Wilhelmshaven



Über 2.200 Teilnehmer an DEWI Kursen

Das DEWI hat von 1991 bis heute fast 140 Windenergiekurse und -seminare von einem Tag bis zu vier Monaten Dauer in mehr als 20 Ländern durchgeführt. Mehr als 2.200 Teilnehmer aus rund 40 Ländern haben an den Kursen beim DEWI oder an anderen Orten der Welt teilgenommen. Durch die rasante Entwicklung der Windenergienutzung in den letzten Jahren stieg der Bedarf an umfassender Information stark an.

Over 2,200 Participants in DEWI Training Courses

From 1991 until today, DEWI has carried out nearly 140 wind energy courses in more than 20 countries lasting from one day to up to four months. More than 2,200 participants from about 40 countries attended the courses at DEWI or at other places in the world. Because of the rapid development of wind energy use in the past few years there has also been a strong increase in the demand for comprehensive information.

DEWI-Seminarprogramm

Die beigefügte Tabelle gibt einen Überblick zu den DEWI-Seminarterminen im Zeitraum Frühjahr/ Sommer 2006.

DEWI Seminar Programme

The following table gives an overview of DEWI seminars scheduled for the spring / summer of 2006.

DEWI-Tagesseminare 2006 / DEWI's 1-Day seminars 2006			
23. Mar	Toronto	Canada	Wind Project Financing and Risk Management (engl.)*
24. Mar	Calgary	Canada	Wind Project Financing and Risk Management (engl.)*
Apr 2006	Porto Alegre	Brazil	Energia Eólica: Técnica Básicas (portug.)
Apr 2006	Porto Alegre	Brazil	Centrais Eólicas: Planejamento-Financiamento-Verificação (port.)
11. May	Wien	Österreich	Windparkprojekte: Auslegung und Risikobewertung (d.)**
23. May	Warsaw	Poland	Wind Farm Projects (engl.)
08. Jun	New York	USA	Wind Project Financing and Risk Management (engl.)
14. Sep	Bremen	Deutschland	Netzeinbindung von WEA und Windparks (d.)
Sept. 2006		Australia	DEWI seminar (further information: www.dewi.de)

* In Kooperation mit / in cooperation with: Ortech, Mississauga, Ontario (Canada)

** In Kooperation mit / in cooperation with: Energiewerkstatt Verein, Friedburg, Oberösterreich (Austria)

Kursflyer mit Anmeldeformular und detaillierten Infos unter www.dewi.de

Course flyers with registration form and detailed information under www.dewi.de

Bitte beachten Sie ergänzend zu dieser Übersicht auch die aktuellen Seminar-Informationen auf der DEWI-Homepage www.dewi.de. Dort finden Sie die Info-Flyer mit weiteren Details zu Kursinhalten, Anmeldung und Modalitäten sowie Informationen zu evtl. auftretenden Änderungen oder Ergänzungen des Kursprogramms.

DEWI-Inhouse-Seminare für Firmen

Das DEWI bietet ergänzend zum „öffentlichen“ Seminarprogramm auch Mitarbeiterschulungen für Firmen an. Für interessierte Unternehmen besteht somit die Möglichkeit, bedarfsgerecht die eigenen Mitarbeiter im Rahmen eines ein- oder mehrtägigen Kurses zu qualifizieren. Zahlreiche Firmen haben das DEWI-Angebot für Inhouse-Seminare bereits genutzt, sei es beim DEWI in Wilhelmshaven oder in den firmeneigenen Räumen. Ein besonderer Reiz der Inhouse-Seminare liegt sicher in der einzigartigen Möglichkeit zum Erfahrungsaustausch und zur fachlichen Diskussion mit den DEWI-Experten im Kreis der eigenen Kollegen.

Als Zielgruppen für das DEWI-Seminarangebot werden sämtliche Unternehmen, Institutionen und Behörden angesprochen, die mit der Entwicklung, Produktion und dem Vertrieb von Windenergieanlagen (und deren Komponenten), mit der Planung, Begutachtung und Genehmigung sowie der Finanzierung, Versicherung und Vermarktung von Windenergieprojekten befasst sind.

Das DEWI bietet seine Seminare in deutsch, englisch und portugiesisch an.

Nehmen Sie bei Interesse bitte frühzeitig Kontakt mit uns auf, damit wir im persönlichen Gespräch alles Weitere mit Ihnen besprechen können:

e-mail: seminar@dewi.de

Internet: www.dewi.de

For more details please visit also our website www.dewi.de where you will find flyers with all the necessary information on seminar contents, registration, terms, as well as information on any changes or amendments in the course programme.

DEWI In-house Seminars for Companies

Additionally to the "public" seminar programme, DEWI also offers employee training for companies. Interested companies can book courses of one or several days' duration for their employees tailored to their own needs. Numerous companies already made use of the in-house seminars offered by DEWI, either at DEWI in Wilhelmshaven or on their own premises. A particular attraction of the in-house seminars surely is the unique opportunity for employees to exchange experience and discuss special problems with DEWI experts among colleagues of their own company.

The target groups for DEWI training courses are all companies, institutions and authorities engaged in the development, production and sale of wind turbines (and their components) and in the planning, assessment and approval as well as financing, insurance and marketing of wind farm projects.

DEWI seminars are held in German, English and Portuguese.

If you are interested, please contact us in good time, and we will discuss all further details with you personally:

DEWI – Deutsches Windenergie-Institut GmbH

- Seminare -

Ebertstraße 96

D-26382 Wilhelmshaven / Germany

Tel.: +49-(0)4421-4808-0

Fax: +49-(0)4421-4808-43

e-mail: seminar@dewi.de

Internet: www.dewi.de