

Current Situation and future strategies of the Austrian PV Industry



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President of the Austrian PV Technology Platform

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Partner of the Plattform

Industry:



Research:



In tight Co-operation with:



President: Georg Napetschnig, Kioto Photovoltaics

Vicepresident: Hans Kronberger, PV Austria

Secretary: Hubert Fechner

PV and Austria

- 1985: First PV-Systems by the utilities at alpine huts/in the mountains
- 200kW Roof Program 1992-1999
- Innovative PV Industry surrounded by big markets
- Currently 32 MW installed (2008: 4,6 MW)



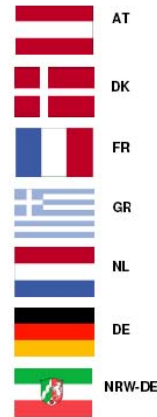
Building Integration as Austrian way



PV-Grid Integration as Austrian way



Proposal for a new IEA-PVPS Task
Working title:
“High-Penetration of PV Systems in
Electricity Grids”



Active Technology Platform with all major Austrian
Network operators and industry participating

Consistent PV Technology Strategy in Austria

Managed by the Ministry of Transport, Technology and Innovation



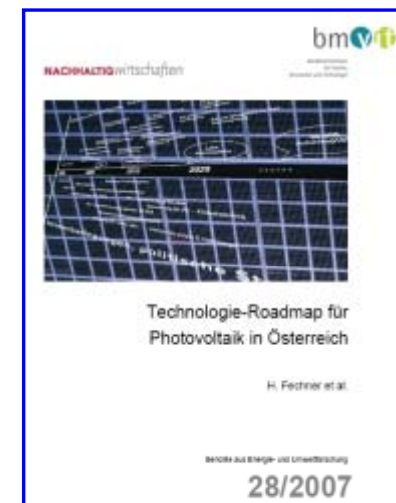
Step 1: International co-operations (IEA PVPS, EU TP PV, PV ERA NET,...)

Step 2: Annual National PV Conferences

Step 3: Austrian PV-Technology Roadmap

Step 4: Austrian PV-Technology Platform

Step 5: Dedicated Austrian PV research Program



Aiming at bringing up a **strong, innovative and international competitive Austrian PV industry**

Why a PV Technologyplatform in Austria?

- As country of Technology Austria has a good opportunity for a global positioning of some of the local industry-players
- Some companies are already established in the global market
- Some established Austrian industry is just moving into the PV world
- An improved focus of the research community towards the needs of the growing PV industry
- The awareness for this historic opportunity is not widespread



Austrian Technologyplatform PV

In order for the Austrian PV Industry

- To make visible the need for appropriate frame conditions for Innovation
- To define a PV Research Program, supportive for the Austrian PV-industry
- To start joint R&D activities
- To create the necessary awareness at the decisionmakers



IEA Trends report



PV Production in Austria

The most important products manufactured in Austria include PV inverters, PV modules and tracking systems as well as back-sheet laminates for module encapsulation or PV Ribbon Wires.

Domestic PV **module manufacturers again reported a significant growth of their output.** The overall PV module production in Austria in 2008 amounted to 65,4 MW (2007: 47,4 MW), which represents an increase of 38% compared to the previous year.

Austria's PV inverter industry also reported an **80% increase of the production of inverters for grid-connected applications.** More than 99% of the production was exported.

The **world wide leading manufacturer of back sheet laminates** - laminates for 1 500 MW of PV modules were produced.

The **world market leader of large scale two-axis tracking systems** increase rose to 31 MW in 2008

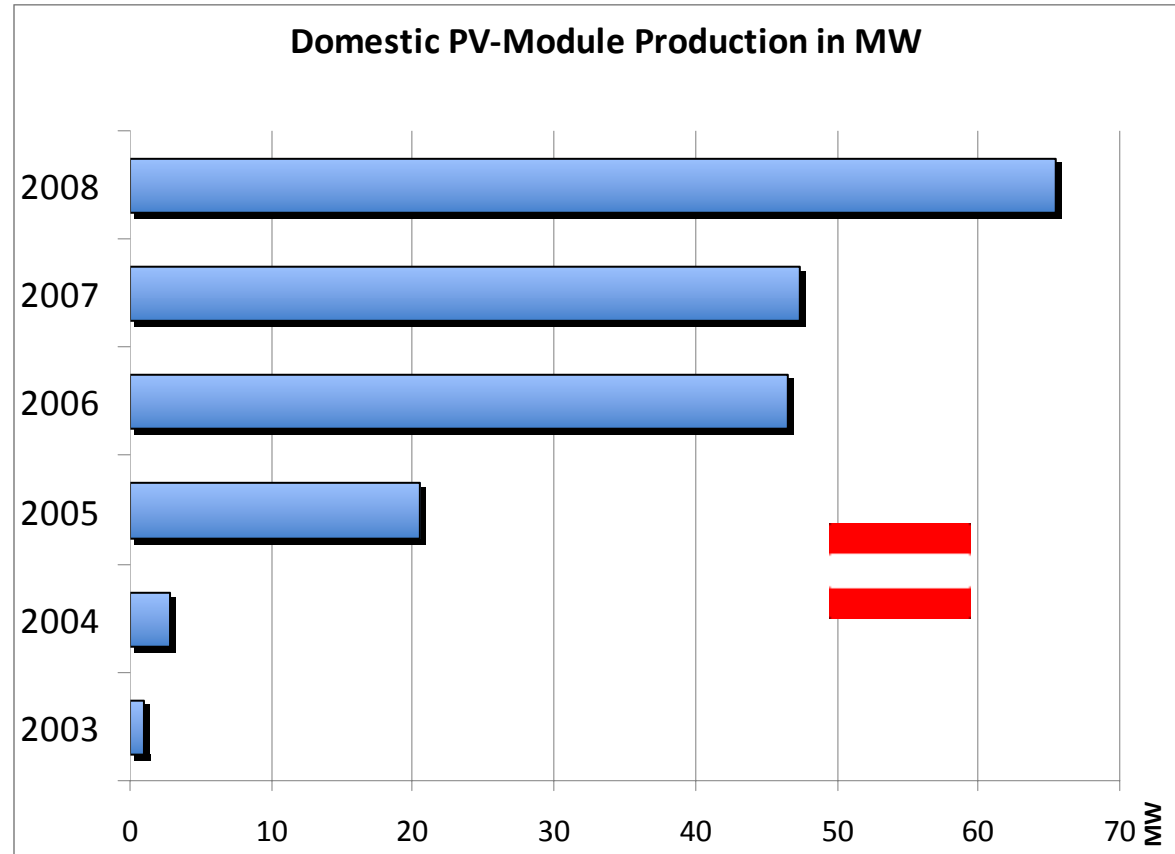
In 2008 the **first companies started industrial scale production of solar cells**, which marks the next step in the development of Austrian PV industry.

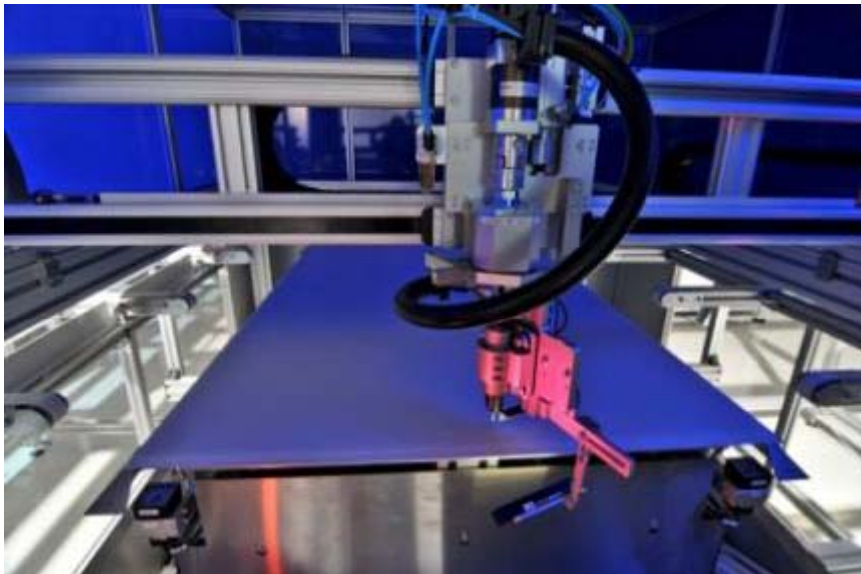
IEA PVPS Trends report(II):



Despite the small home market, Austrian PV industry could again expand their production in 2008. In total, Austrian module manufacturers could again considerably increase their output compared to the previous year.

The **total module production in 2008** amounted to **65,4 MW**. Compared to 47,4 MW in 2007 this figure represents a **growth of more than 38%**





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***PV - a historic
opportunity
for a country of
technology***