

INTERNATIONAL ACTIVITIES

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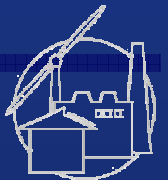
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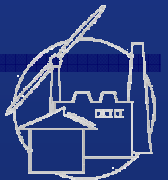
OVERVIEW

- ISO Technical Work
- IEA Task 27 Technical Work
- EWERS Update
- Technical Assistance to Transitional Economy Countries
- Planned Activities



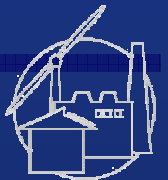
ISO TECHNICAL WORK

- Updates on Current Standard Development
 - Simulation Standards (TC 163/WG2)
 - ISO 15099:
 - FDIS prepared for final ballot
 - Basis for NFRC updated simulation procedures
 - Proposed to replace ISO/CEN 10077
 - ISO 9050 (IGU Solar-Optical Performance)



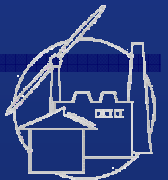
ISO TECHNICAL WORK

- Updates on Current Standard Development
 - Testing Standards (TC 163/WG14) ISO 12567 (Window Testing Standard):
 - Part 1 Approved
 - Meeting in Zurich in February, 2002
 - 12567 Part 2 (Projecting Products) discussed and revised. Next step: FDIS
 - ISO 8990 (Hot Box Standard)
 - Revision process is starting
 - Needs to be coordinated with ASTM 1363



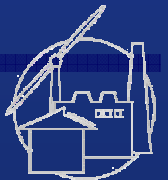
IEA TASK 27 TECHNICAL WORK

- Last Meeting in Copenhagen, Denmark
 - Approximately at the mid point of research work
 - Workshop on Rating held at Velux – ratings recognized as one of important areas
 - Workshop on Daylighting held together with Task 31
 - Development of international energy rating system introduced as additional area in Project A1 (Performance Assessment)
 - Important for NFRC to be pro-active in this effort
 - Task 31 (Daylighting) started and meeting held in Denmark at the same time as Task 27.



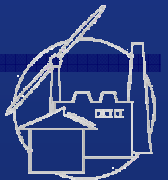
EWERS UPDATE

- **European Window Energy Rating System**
 - WINDAT effort – development of European database of glazing products. Coordinated with US database
 - Development of WIS – European computer tool for the prediction of window performance. Discussions of sharing components with THERM and WINDOW
 - Meeting of EWERS in September
 - Major initiative from Denmark and Netherlands to replace ISO/CEN 10077 with ISO 15099
 - CE Mark to become mandatory in 2005



TRANSITIONAL ECONOMIES

- Workshop on computer simulation of window performance organized by Guardian Co. in Sao Paulo, Brazil in August, 2001.
- Workshop on computer simulation of window performance held in San Luis Potosi, Mexico, in conjunction with ISES Conference
- Russian scientist, Aleksander Fomichev, is working as visiting scholar at Umass on common research projects
- Proposal submitted to SABIT for scientist interns from NIS countries



PLANNED ACTIVITIES

- Energy Efficient Windows Workshop 3 in Russia. Tentatively scheduled for May, 2003.
- Workshop on computer simulation of windows performance in China. Planned for the September, 2002.
- Education Activities
 - Development of training materials
 - Creation of CD and Audio-visual training material
 - Plans for train-the-trainers workshop in 2003.

