Side Event jointly organised by INFORSE & WECF
UNFCCC COP-14, Poznan, Poland. December 6, 2008
By Ms. Farida Hussain, INFORSE South Asia, AIWC, India

Ms. Farida Hussain
All India Women’s Conference
AIWC

New Delhi, India

Micro-enterprises on
Solar Food Processing
Technology for
Empowerment of Women

Major Actives on Solar Food Processing Products

- Awareness Programmes about new technology
- Training programmes for upgradation of skills & hands on experience.
- Establishment of MicroEnterprises for enhancing job opportunities at AIWC centers.

TECHNOLOGY & TRAINING FOR RURAL WOMEN
SELF EMPLOYMENT through
SOLAR FOOD PROCESSING FOR
HYGIENIC & LONGER SHELF LIFE FOR
DOMESTIC & EXPORT MARKET

High Efficient Direct Cabinet Solar Dryer – SDM-50
SPECIAL FEATURES

- Zero energy cost.
- Cabinet temp : 40 - 65°C.
- Temp. diff. ΔT : 15 - 30°C
- Temperature indicator
- Moisture & Humidity control.
- Stainless Steel Trays
- Standby Electrical back
- U.V. Reduction filter.
- Rain & Dust proof Dryer.
- 5 years warranty.

ADVANTAGES

- Safe & hygienic:
  - Free from insect and bird contamination.
  - Clean & dust free products.
- Quality:
  - More uniform quality products.
  - Uniform colour, texture, appearance of the product.
- Evenness in drying
- Moisture control to optimum levels
- Nutrient retention especially beta carotene
- Yields high quality, Export products
- Products qualify for quality & sensory tests
- Long shelf life to the products

SPECIFICATIONS

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>SDM-8</th>
<th>SDM-50</th>
<th>SDM-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar window</td>
<td>0.37 Sq.m</td>
<td>2.23 Sq.m</td>
<td>4.46 Sq.m</td>
</tr>
<tr>
<td>Drying area</td>
<td>0.56 Sq.m</td>
<td>3.60 Sq.m</td>
<td>7.20 Sq.m</td>
</tr>
<tr>
<td>Loading capacity (Max)</td>
<td>8 Kg</td>
<td>50 Kg</td>
<td>100 Kg</td>
</tr>
<tr>
<td>Solar panel</td>
<td>3.5 W</td>
<td>21 W</td>
<td>42 W</td>
</tr>
<tr>
<td>No of fans</td>
<td>1</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Electrical backup</td>
<td>600W</td>
<td>3.0 K W</td>
<td>6.0 K W</td>
</tr>
<tr>
<td>Dimensions</td>
<td>2’ Length 2’ Width 2.5’ Height</td>
<td>6’ Length 4’ Width 4.5’ Height 4.5’ Height</td>
<td></td>
</tr>
</tbody>
</table>
**SOLAR DEHYDRATED PRODUCTS FOR VALUE ADDITION**

<table>
<thead>
<tr>
<th>Category</th>
<th>Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruits</td>
<td>Mango, Sapota, Guava, Blended fruit bars, Grapes, Apricots etc.</td>
</tr>
<tr>
<td>Vegetables</td>
<td>Tomato, Curry leaves, Mint, Coconut etc.</td>
</tr>
<tr>
<td>Spices</td>
<td>Ginger, Garlic, Red Chilies, Green Chillies, Pepper, etc.</td>
</tr>
<tr>
<td>Forest Products</td>
<td>Gum Karaya, Amchur, Aloe Vera, Sugandapala, Amla, Honey, Karak-kaya, etc.</td>
</tr>
<tr>
<td>Medicinal &amp; Herbal Plants</td>
<td>Spirulina Powder, Tulas, Rosemary etc.</td>
</tr>
<tr>
<td>Food Items</td>
<td>Vermicelli, Noodles, Maida, Fish, etc.</td>
</tr>
</tbody>
</table>

**SOLAR DRIED FOOD PRODUCTS**

**FOREST PRODUCE PROCESSING**
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QUALITY CERTIFICATION LABORATORY

ANALYSIS & TESTING

WOMEN ENTREPRENEURSHIP AIWC TRAINING PROGRAMMES

Thank You
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