



**Ms. Farida Hussain**  
**All India Women's**  
**Conference**  
**AIWC**

**New Delhi, India**

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



Side Event jointly organised  
by INFORSE & WECF  
UNFCCC COP-14, Poznan, Poland.  
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**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.  $\Delta T$  : 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 of Modern Solar Drying for Rural Food Industry

**SEED**  
 Sustainable Energy, Environment & Development  
 Applied to Rural Industries

## ADVANTAGES

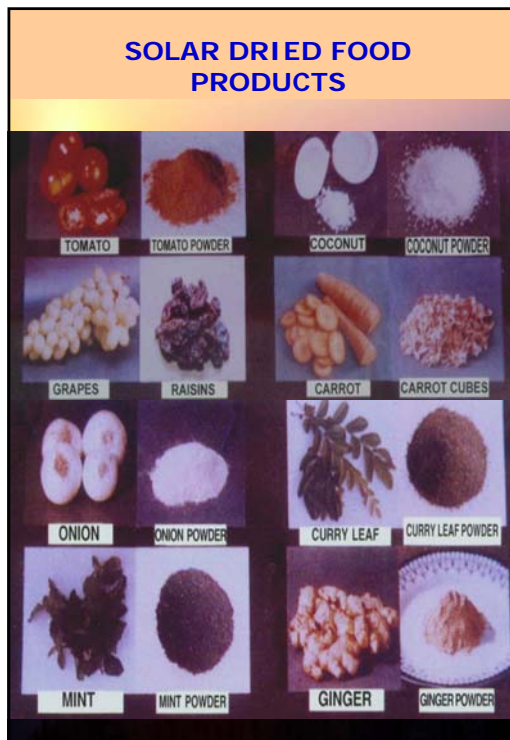
- Safe & hygienic :  
 Free from insect and bird contamination.  
 Clean & dust free products .
- Quality More uniform quality products.  
 Uniform in colour, texture, appearance of the product.
- Evenness in drying
- Moisture control to optimum levels
- Nutrient retention especially beta carotene
-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

## SPECIFICATIONS


SPECIFICATIONS	SDM - 8	SDM - 50	SDM-100
Solar window	0.37 Sq.m	2.23 Sq.m	4.46 Sq.m
Drying area	0.56 Sq.m	3.60 Sq.m	7.20 Sq.m
Loading capacity (Max)	8 Kg	50 Kg	100 Kg
Solar panel	3.5 W	21 W	42 W
No of fans	1	3	6
Electrical backup	600W	3.0K W	6.0K W
Dimensions	2' Length 2' Width 2.5' Height	6' Length 4' Width 4.5' Height	12' Length 8' Width 4.5' Height

### SOLAR DEHYDRATED PRODUCTS FOR VALUE ADDITION

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




**QUALITY CERTIFICATION  
LABORATORY**




**ANALYSIS &  
TESTING**

**WOMEN ENTREPRENEURSHIP  
AIWC TRAINING PROGRAMMES**



**WOMEN ENTREPRENEURSHIP  
AIWC TRAINING PROGRAMMES**



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*Thank  
You*

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