

NEWS BULLETIN

UPDATE ON FRUIT AND VEGETABLE PROCESSING CLUSTER , PUNE

Dear Readers,

The months of June-July were quite important in the progress map of the BDS Implementation Project in Pune Fruits and Vegetables Processing Cluster. The partnership with CFTRI, Mysore moved from a conceptual level to ground level initiatives. The first 3 day training programme on "Sensory Evaluation Concepts and Practices in Food Chain" was conducted by them at their campus at Mysore, in which 17 participants took part. The training was organized from the cluster side by NAFARI. Apart from this, two training programmes were conducted by NAFARI on "Laboratory Training for Water & Fruit Product analysis" and "GMP & GHP in food processing".

An important breakthrough was A fruitful "Interactive meeting between the Industry Leaders and the Automation Consultants", led by the Automation Industries Association (AIA). A future course of action was charted during this meeting. Further, financial linkages were explored with M/s Winrock International in respect of financing energy efficient equipments in the wake of ongoing series of energy audits. A seminar is also contemplated by M/S Winrock International and SIDBI in Pune Cluster in August, 2009.

With Best Wishes,
Cluster Development Manager

IMPORTANT ACTIVITIES CONDUCTED DURING JUNE – JULY 2009

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EDITORIAL TEAM

- Shubhada Shintre
- Deepa Khutwad
- B. P. Singh
- Sahil Mehta

1) Report on "Laboratory Training for Water & Fruit Product analysis" : Apex Cluster Development Services Pvt. Ltd in association with National Agriculture & Food Analysis & Research Institute (NAFARI) conducted Training Program on "Laboratory Training for Water & Fruit Product analysis" on 16th & 17th June, 2009. The Course basically covered Basic quality assurance tests on Water and Fruit Product - Chemical and Microbiology analysis. Representatives of 2 quality testing laboratories from Pune attended the training programme.

2) Report on Training Seminar on "GMP & GHP in food processing": Apex Cluster Development Services Pvt. Ltd in association with National Agriculture & Food Analysis & Research Institute (NAFARI) conducted Training Program on "GMP & GHP in food processing" Under the BDS Development in Pune Fruit & Vegetable Processing Cluster Program on 23rd June 2009. This course was designed basically to form the foundation of understanding of pre-requisites of HACCP. The program focused on implementation of Good Manufacturing Practices and details regarding Civil & Plant Design and Maintenance, Personnel Hygiene, Material Storage and Handling, Plant and Equipment Cleaning and Sanitation and Maintenance, Pest Control Program, Water and Utilities etc. The training was given by Senior Faculty and Food Safety Auditor from Maharashtra Institute of Hotel Management and Catering Technology. About 13 participants from various sectors of industries from Pune attended the training seminar.

3) Interaction Meeting with Members of Automation Industry Association at NAFARI, Pune: An interaction meeting with representatives of Automation Association of India was organized for discussing the alternative solutions available for the problems faced by MSMEs in Food Processing Sector on 24th June 2009. About 15 participants

from Automation industry attended the Interaction meeting. More such interaction meetings are planned for the benefit of Pune cluster.

4) Training seminar on "Sensory Evaluation Concepts and Practices in Food Chain" at CFTRI Mysore : Apex Cluster Development Services Pvt. Ltd in association with NAFARI has organized a Training seminar on "Sensory Evaluation Concepts and Practices in Food Chain" at CFTRI Mysore from 6th July to 8th July, 09. The basic objectives of the training were to sensitize the group about the sensory evaluation in food chain. The idea was to explain the evaluation process using different senses and to make aware of sensitivity index in food evaluation. About 17 participants from in and around Pune attended the training seminar.



Team leaving for "Sensory Evaluation Concepts and Practices in Food Chain", training held at CFTRI, Mysore.

SIDBI FINANCING SCHEME FOR ENERGY SAVING PROJECTS IN MSME SECTOR

The Japan International Co-operation Agency (JICA) has extended a line of credit to Small Industries Development bank of India (SIDBI) for financing Energy Saving Projects in the Micro, Small and Medium enterprises (MSME's) Sector. The project is expected to encourage MSME units to undertake energy consumption, enhance energy efficiency, reduce CO2 emissions, and improve the profitability of the units in the long run.

The financial assistance to MSME's will be through SIDBI, as well as through refinance to banks / State Finance Corporation (SFCs) and Non Banking financial companies (NBFCs). The project also seeks to provide technical assistance to these financial institutions and MSME units for the successful implementation of this Scheme resulting in Energy Saving in the MSME Sector, and thereby contributing to environment improvement and socio-economic development in the country and addressing climate change concerns.

FINANCIAL PARAMETERS

The financial parameters for appraising the projects are :

Parameter	Norms
Minimum Assistance	Rs. 10 lakh
Minimum Promoters contribution	25% for existing units 33% for new units
Debt Equity Ratio	Maximum 2.5 : 1
Interest Rate	The project expenditure eligible for coverage under the line will carry the following rate of interest. <ul style="list-style-type: none"> Fixed rate : 9.5 to 10% per annum based on rating Floating rate : 9.75 to 10.5% per annum based on rating
Upfront fee	Non refundable upfront fee of 1% of sanctioned loan plus applicable service tax.
Security	First charge over assets acquired under the scheme, first/second charge over existing assets and collateral security, as may be deemed necessary.
Asset coverage	Minimum Asset Coverage should be 1.4 : 1 for new units and 1.3:1 for existing units
Repayment period	Need based. Normally the repayment period does not extend upto 7 years. However, a longer repayment period of more than 7 years can be considered under the Line if necessary.

ELIGIBLE SUB-PROJECTS / ENERGY SAVING EQUIPMENT LIST

Energy saving sub-projects under this initiative mean-

- Acquisition (including lease and rental) of energy saving equipments/ facilities, including newly installing, remodeling and upgrading of those existing,
- Replacement of obsolete industrial furnaces and /or boilers or burners etc, or introduction of additional equipment which would improve performance.
- Installation or improvement or adoption of such manufacturing machinery and equipment that meets the specific requirements for energy performance standard, provide by the related energy conservation Act/code in India (e.g. Top Runner Equipment, Energy Labels etc.) (Guidance in these parameters would be provided by the

technical consultant for the project),

- Installation of building envelopes, equipments, heating systems, lighting and electrical power/motors in compliance with the energy performance standard provided in the Energy Conservation Building Code (ECBC) (Guidance in these parameters would be provided by the technical consultant for the project),
- Introduction of equipments that utilize alternative energy sources such as natural gas, renewable energy, biogas etc instead of fossil fuel such as oil and coal etc. to help reduce GHG emissions,
- Clean development Mechanism (CDM) projects at cluster level that involves a change in the process and technologies as a whole, duly supported by technical consultancy will be eligible for coverage.

The equipment eligible for financing under this initiative are available at the SIDBI offices. The equipment list would be continuously revised and updated by the consultants-winrock International India (www.winrockindia.org) – appointed by JICA. The List shall be used for screening the sub-projects for deciding their eligibility for coverage under the JICA Line of Credit and the List would be the primary criteria for the sub-projects. Please contact the nearest SIDBI Branch office or refer to SIDBI website (www.sidbi.in) for the updated List.

ELIGIBILITY CRITERIA FOR UNITS (DIRECT ASSISTANCE)

- New/existing MSME units, as per the definition of the Micro, Small & Medium Enterprises Development (MSMED) Act, 2006 (www.Laghu-udyog.com; www.Smallindustryindia.com). However, units graduating out of the medium scale will not be eligible for assistance.
- Existing units should have a satisfactory track record of past performance and sound financial position.
- Energy saving projects will be screened as per the Energy saving List, which is available on the SIDBI website.
- Units should have minimum investment grade rating of SIDBI.
- Sectors such as the arms industry, narcotics industry or any unlawful businesses are not eligible. Similarly projects which may result in negative social and environmental impacts are also not eligible under this scheme.

APPLICATION FOR LOAN ASSISTANCE

The prospective borrower is required to submit the duly filled in application form along with the supporting documents as per the prescribed format, to the nearest SIDBI branch office. In addition to the information requested for in the application form, it may be ensured that the prospective borrower explicitly provides details of the energy saving potential of the project. This will be an important parameter for deciding the eligibility of the project financing under the Line of Credit.

DISBURSEMENT

Disbursement would be carried out after compliance of the terms of sanction.

Further information on the Financing Scheme is available on www.sidbi.in, or contact the nearest branch of SIDBI.

REPORT ON TRAINING "SENSORY EVALUATION CONCEPTS AND PRACTICES IN FOOD CHAIN"
BY:- DR. MRS. KALINDI BHAT , MAHARASHTRA STATE INSTITUTE OF HOTEL MANAGEMENT & CATERING ,
TECHNOLOGY, PUNE

Apex Cluster Development Services Pvt Ltd in association with NAFARI had organized a Training on "Sensory Evaluation Concepts and Practices in Food Chain" conducted by CFTRI at their head office in Mysore from 6th July to 8th July, 09. The delegation of 17 members was sent for the training. The basic objectives of the training were to sensitize the group about the sensory evaluation in food chain, to explain the evaluation process using different senses and to make aware of sensitivity index in food evaluation.

The contents of the programme were as follows:

THEORY

- Introduction to Sensory Science and Consumer Evaluation
- Panel Selection, Training and Performance Monitoring
- Bias in Sensory Analysis
- Food Flavours & texture profile analysis
- Methods of Sensory Analysis
- Measurement of Color by sensory methods
- Flexible Packaging Materials – Special Reference to their Odour Permeability
- Taints and Off-Flavours

PRACTICALS

- Basic Tests: Basic taste identification
- Odour, Identification of Few Common Flavor Compounds
- Color identification
- Finger feel test for texture
- Threshold test: (a) sweet (b) sour
- Paired Comparison / Test / Data Analysis
- Ranking test
- Hedonic Test (Consumer research) / Data Analysis

The participants learnt the scientific process of sensory evaluation of food & the degree of sensitivity have developed towards various aspects of sensory evaluation of food. They also became aware of areas for improvement in the process of food evaluation in their own context.

The feedback received from the participants was very positive and enthusiastic. Based on same we are planning to conduct one more such training in this quarter. We would like to invite your valuable suggestions regarding the topic of your interest.

ARTICLE ON ISO 22000

UNIQUE PROCESS CONSULTING specialize in the entire range of ISO management system certification standards and provide consulting as well as training for achieving various Quality Management systems , Service Delivery Management, ITIL, IT governance, CMMI, Six Sigma Green Belt, and Six Sigma Black Belt. Unique Processing puts light on ISO22000 for our readers.

Manisha Karna,
Consultant,
Unique Process Consulting Pune



ISO 22000

ISO 22000 is a generic food safety management system standard. It defines a set of general food safety requirements that apply to all organizations in the food chain. These requirements are listed in sections 4, 5, 6, 7, and 8 of ISO 22000. If your organization is part of the food chain, ISO 22000 wants you to establish a food safety management system (FSMS). It then wants you to use this system to ensure that food products do not cause adverse human health effects. ISO 22000 is designed to be used for certification (registration) purposes. In other words, once you've established a FSMS that meets ISO's requirements, you can ask a registrar to audit your system. If your registrar agrees that you've met the ISO 22000 requirements, it will issue an official certificate that states that your FSMS meets the ISO 22000 food safety requirements.

WHO SHOULD USE ISO 22000:-

Since ISO 22000 is a generic food safety management standard, it can be used by any organization directly or indirectly involved in the food chain. It applies to all organizations in the food chain. It doesn't matter how complex the organization is or what size it is, ISO 22000 can help ensure the safety of its food products. The food chain consists of the entire sequence of stages and operations involved in the creation and consumption of food products. This includes every step from initial production to final consumption. More precisely, it includes the production, processing, distribution, storage, and handling of all food and food ingredients. **ISO 22000 can be used by:** Of course, the above catalogue does not exhaust the list of organizations that could benefit from the use of this standard. ISO 22000 applies to all organizations directly or indirectly involved in the food chain, not just the ones listed here.

WHY USE ISO 22000 :-

ISO 22000 will help you to achieve the following objectives:

- To establish a food safety management system (FSMS).
- To plan and implement a FSMS for your organization.
- To operate and maintain your organization's FSMS.
- To update and improve your organization's FSMS.
- To ensure that products do not cause adverse health effects.
- To demonstrate compliance with external safety requirements.
- To demonstrate compliance with legal safety requirements.
- To demonstrate compliance with regulatory requirements.
- To demonstrate compliance with statutory requirements.
- To demonstrate compliance with customer requirements.
- To evaluate your customers' food safety requirements.
- To provide safe products and enhance customer satisfaction.
- To export food products and penetrate international markets.
- To communicate safety issues throughout the food chain.
- To communicate with your organization's customers.
- To communicate with your organization's suppliers.
- To communicate with other relevant interested parties.
- To ensure that you comply with your food safety policy.
- To demonstrate compliance to all interested parties.

ISO 22000 uses roughly the same basic structure as the ISO 9001 quality management standard. This should make it a bit easier for ISO 9001 certified organizations to pursue ISO 22000 certification.

Please contact Shubhada Shintre, Cluster Development Manager, Apex Cluster Development Services Pvt Ltd, on Mob: 9881098155 or on email : shubhada@punebds.com for further information.

BUSINESS OPPORTUNITIES

• A Pune based export firm wishes to procure vegetables, for their export order, in following forms: 1) Exotic Vegetables, 2) Organically grown vegetables, & 3) normal vegetables. The company would like to get samples first and depending on the response from their client, it will give bulk orders.

• A Jejuri based exporter wishes to procure All Indian vegetables in Frozen Form. The quality of the frozen vegetables should be of standards acceptable in UAE, UK and US markets. The company would like to get samples first and depending on the response from their client, it will give bulk orders.

• An exporting firm from Pune wishes to procure Tomato Paste of following specifications: Paste should be of 31–33 hot brix, the initial quantity required is 3 containers (each container having 80 barrels). The order may extend to an year long contract for almost 10-12 containers.

For commercial enquiries contact: Mrs. Shubhada Shintre / Mr. Sandeep Jagtap, Apex Cluster Development Services Pvt. Ltd; Tel: 020 – 2566 7187, Mobile: 98810 – 98155 / 99229 – 13191. E-mail: shubhada@punebds.com, sandip@punebds.com

HEARTIEST CONGRATULATIONS TO GITS FOOD PRODUCTS PVT LTD

Pune based Gits Food Products pvt Ltd received first prize in individual category at the 5th State Level award ceremony for “Excellence in Energy Conservation and Management” organized by the Maharashtra Energy Development Agency (MEDA) on Saturday 04th July, 2009 at Alfabachat Bhawan. The award was presented by Shri Vinay Kore, Minister, Non Conventional Energy and Horticulture. Shri M. A. Tejani, MD Gits Food Products Pvt Ltd accepted the award on behalf of company. Maharashtra Governor S.C. Jamir was chief guest at the occasion.

We Congratulate Shri M. A. Tejani and his team for this achievement.



EMPANELMENT OF CONSULTANTS BEING DONE THROUGH THE PORTAL

“ACDS is inviting individuals/firms/agencies/NGOs/Trusts that have expertise and experience in different sectors/disciplines in its pool of BDS (Business Development Service) providers. These BDS providers could be contracted as and when any need arises for specific assignments and will be connected to the cluster firms on a priority basis with project support. Such consultants/contactors will be utilised in the ongoing project to participate in pilot initiatives, awareness and training seminars, for conducting various analytical assignments/reports under the project, and for firms’ requirements for various services in the cluster. The details of the empanelled BDS will be available on the cluster portal www.punebds.com. Interested persons or parties can download the application form from the following link :

http://www.punebds.com/Application_for_ACDS_Panel_of_Consultants.aspx or

http://www.punebds.com/Application_for_ACDS_Panel_of_Consultants.xls

REGULATORY / LEGAL EXPERTS PANEL AT NAFARI PREMISES

Regulatory / Legal Experts Panel at Nafari Premises

The following services are being provided by the panel on selected days at NAFARI, MCCIA Building, Tilak Road, Pune 411002

- PFA, FPO, AGMARK, Commodity Act etc
- Promotional Schemes by Govt.
- Weights and Measures
- Labour Laws
- Packaging / Labeling
- Factory Act
- Excise, Sales tax, Income tax.

PLEASE CONTACT THE FOLLOWING PERSONS TO SOLICIT THE SERVICES

Mr. Vinay Oswal, Director, Nafari (mobile : 9881491440), Ms. Shubhada Shintre (mobile 9881098155)

Private Circulation Only

For Feedback/Enquiries, Contact : Apex Cluster Development Services Pvt. Ltd.
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