Winetech
Wine Industry Network of Expertise and Technology
Netwerk van Kundigheid en Tegnologie vir die Wynbedryf

PROGRAMME: WINE INDUSTRY TECHNOLOGY TRANSFER

INTRODUCTION/DEFINITION

The Technology Transfer programme forms a very important and crucial part of Winetech's research, development and technology transfer goals, because it ensures a strategic advantage to the end-users of the technology in the wine industry.

The function of the Technology Transfer programme is to ensure that all Winetech funded research results are transferred effectively to all role-players in the wine industry. It also needs to ensure that research priorities as identified by industry are addressed.

This programme endeavours to make available procedures by which appropriate technology, developed at the research centre, could be communicated in a workable format to the transferors and users thereof. The procedures for technology transfer as well as the technology being transferred, should be technically and economically feasible. This transfer, be it by means of extension officers, consultants, researchers, lecturers or other role-players, could take place on an individual basis or in a group or community context and could be done either free of charge or at a fee.

OBJECTIVE OF THE TECHNOLOGY TRANSFER PROGRAMME

1. To make available economically feasible and applicable technological packages to the users/ enforcers so as to ensure optimal viticulture and vinification, enabling them to produce products answering to international standards by means of:

   - continuous utilisation of the natural resources, and

   - economical optimising of management

2. The transfer of results of completed Winetech projects to specific users on:

   a) industry level
   b) regional level

3. The identification and prioritising of research needs on viticultural, wine and packaging problems/information needs, in the end to:

   a) Identify whether current running projects are unable to address the need
   b) Identify new projects to address the need
   c) Transfer technology where information or research results are already available.

4. Planning, implementation and coordinating of a Technology Transfer programme for vine and wine per region.

5. To transfer technology to previously disadvantage producers.

6. To build-up a Technology Transfer Information Database.

7. To consider the transfer of technology using interactive telematic services.

ACTIONS

1. Structures that are in place to transfer technology on a industry level include:

1.1) South African Society for Enology and Viticulture (SASEV)
Congress
Forums/workshops
Publications: SASEV Journal

1.2) Winetech Information days (in conjunction with VinPro/SASEV)
Publications:
- Wynboer Technical
- Winetech Scan
- Technical Yearbook
- Brochures
- Winetech News
- Annual Report

Technology Transfer Database
Research Output Database

2. Structures that are in place to transfer technology on a regional level (VinPro) include:

2.1) Regional Information days (Farmer days)

2.2) Vineyard study groups that are made up of a group of innovative / progressive producers and local experts. The study group in cooperation with the researchers unpack the research in practise for regional conditions.

2.3) Winemaker and cellar worker study groups. The study group in cooperation with the researchers/consultants unpack the research in practise for individual circumstances.

2.4) A structure for resource limited producers for:
- doing analysis with regards to training needs per district.
- providing help and advice with investigations and / or viability studies for buying farms or development projects
- vineyard advice on request

2.5) Vineyard Practice Evaluation project, because one of the important functions is to train young viticulturist during the judging process.

3. Winetech: Programme for determining Research Priorities (Annexure A)

4. Measurements: Actions should be taken to co-ordinate the measurements as set out in point c of this document.

5. The Technology Transfer program committee must co-ordinate and manage the above-mentioned actions of technology transfer.

MEASUREMENTS

1. Short-term

- Number of farmer days, study groups etc.
- Information day attendance figures
- Record of topics discussed
- PDI farm visits, attendance figures and research and technology transfer needs priorities.

} Technology Transfer Database

2. Long-term

- To measure if the research results and the transfer of the results addressed the identified priority need.
- To measure the implementation of new research in vineyards and cellars.
- To measure progress after implementation.
- To measure if the vineyard, winemaker and cellar study groups per district creates a viable structure for the discussion and exchange of information, problem identification and problem solving.

G Martin
December 2009

BUDGET 2010

Project Num.	Project Title	Responsibility	Begin date	End date
Wineland 1	Technical Yearbook: Wynboer	JH Booysen	2005	Continuous
TO/Sprog	Tegnologie-oordrag: Streek Prosesprogram	F Viljoen		Continuous
WPE/2002	Wingerdpraktykevaluering	F Viljoen		Continuous
SAWWV2/2003	SAWWV Joernaal: Borgskap van druk- en versendingskoste	R Carstens		Continuous
TO-PPlan	Produksieplan op plaasvlak	G van Wyk	2009	2011
	Maintenance and application of the BFAP wine model in the wine industry	J Lombard	2008	2010
	Taskteam/Roadshows/Workshops	Winetech	2008	Continuous
	Wine Industry Library membership	Winetech	2008	Continuous
	Wynboer Tegnies	Winetech	2008	Continuous
	Brochures	Winetech	2008	Continuous
	OIV / Study Tours	Winetech	2008	Continuous
	Maintenance web-site	Winetech	2008	Continuous
	Technoscan	Winetech	2008	Continuous
	Updating/verifying database	Winetech	2008	Continuous

Continuous: Budget to be revised every year

TECHNOLOGY TRANSFER COMMITTEE

Chairperson: Gerard Martin
Pierre Marais
Willem Botha
Charl Theron
Adian Fry
Olando Filander
Francois Viljoen
Hannes van Rensburg
Maret du Toit
Albert Strever
Aatika Valentyn
Dirk Bosman
Hanno van Schalkwyk
Abrie Beeslaar
Roleen Carstens
Gert van Wyk
Johan Truter
Yvette van der Merwe
Anel Andrag

ANNUAL MEETINGS

May and August/September: Feedback by researchers on progress with listed projects. Verification of programme aims and identification of technology transfer gaps that require attention. Discussion of project progress and new projects by the programme committee.

WINETECH: PROGRAMME FOR DETERMINING RESEARCH PRIORITIES

The Winetech Technology Transfer Programme's work programme is determined according to needs identified on a regional basis for Research and Technology Transfer. The work programme is scheduled as actions. The planning for and management of technological transfer of the industries include different role players and a number of actions that need to be scheduled accordingly. Technology Transfer has an overarching function as well as an integrating nature across disciplines. All Winetech's Technical Committees are involved in these actions, thus all needs are canalised to the different working committees. The feedback from experts on regional information days needs to be planned pro actively and timeously.

Explanation of work programme:

TIME SCHEDULE	ACTION	ROLE PLAYERS
February 2009	Send 2008 Research and Technology Transfer Priority Tables to Research institutions (US, ARC and Elsenburg) to invite new research proposals, to be handed in May 2009	Winetech Office Chiefs of Research
March- April 2009	Advertise in Wynboer to determine Research and Technology Transfer Priorities	Winetech Office
April 2009	Send letters to Wine Industry Organisations to determine Research and Technology Transfer Priorities	Winetech Office
May- June 2009	Determine Research and Technology Transfer Priorities by VinPro /Oenologists in regions on Regional Information Days	VinPro/Oenologists
June 2009	VinPro/Oenologists supply detailed Research and Technology Transfer Priorities Reports of regions to Winetech	VinPro/Oenologists
June- July2009	All proposals/information are processed by the Winetech Office and Research and Technology Transfer Priorities Tables are compiled as well as send to the various committees for discussion during September meetings of the Technical Committees	Winetech Office
August- September 2009	Regional Information Days are presented	VinPro
September 2009	Winetech Committees discuss Research and Technology Transfer Priorities Tables and categorise needs according to one or more of the following: relevance/research request/current project/already completed [T-Transfer] /identification of specialists.	Winetech Committees
October 2009	Winetech Office adjusts Research and Technology Transfer Priorities Tables	Winetech Office
November 2009	Winetech Office supplies updated Research and Technology Transfer Priorities Tables 2009 to VinPro/Oenologists and other conveyors of Technology	Winetech Office VinPro/Oenologists/ Conveyors of Technology

November 2009	Technology Transfer Programme Committee plans annual schedule for Technology Transfer events/subjects according to Technology Transfer priorities according to region. Dates for Information Days are identified, programmes for the various days are discussed and researchers are identified and timeously invited to do presentations on the planned Information Days.	T-Transfer Programme Committee
February 2010	**Send 2009 Research and Technology Transfer Priority Tables to Research institutions (US, ARC, WCDA, UCT and UWC) to invite new research proposals, to be handed in May 2011.**	Winetech Office Heads of Departments
March - April 2010	**Advertise in Wynboer to determine Research and Technology Transfer Priorities.**	Winetech Office
April 2010	**Send letters to Wine Industry Organisations to determine Research and Technology Transfer Priorities.**	Winetech Office
May- June 2010	**Regional Information Days** • **VinPro consultant gives feedback to regions regarding Research and Technology Transfer Priorities 2009.** • **Researchers provide feedback as research progresses or as projects are completed and final reports are made available.** • **Identification of new Research and Technology Transfer Priorities (feedback of regions April 2011).**	VinPro US/ARC/WCDA/UCT and UWC Researchers

New cycle continues.