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SRDC Research Project final/interim report - February 2008 Where are the women? WATW?
Title of the Project: WATW?
Project Reference Number: CGH 001

Name(s) of the Research Organisation(s):

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SRDC Research Project Final Report

Executive Summary

Issue. The primary issue that the WATW? Project addressed was lack of representation of women across all sugar industry sectors, noticeable to all observers, including Government Census 2004. This lack of women’s perspective, and particular skills, often in research, negotiation and networking, has been a factor in some of the thorniest issues which beset the industry: Inward looking, overly politicised, and protectionist. So, the particular perspective and thinking that women may bring to a meeting, a project, and decision making in general, has been lacking, and the industry suffers accordingly.

The lack of numbers of women throughout the value chain doesn’t encourage lone women to ‘break in’, and events in the past have ensured that if they do, then they will need to be of a sturdy and determined type. Women tend to lack confidence, even though often qualified beyond requirements. (Pini, B. 2003).

The WATW? Project addressed the issue by encouraging and supporting women, in very small, medium, and large groups, to learn to network, and to gain confidence and profile in their roles.

Methodology. For the purposes of the WATW Project, the importance of networking and personal relationships is acknowledged, valued and promoted. Also required is a rigorous monitoring system to avoid any drift towards nepotism. Significant effort has gone into designing robust systems for the project that avoids reverting to the traditional hierarchical structure people are often familiar with. This is a critical element of how the project has been put together.

The Project Manager reports to and is guided by a Community Reference Group. This is a panel of industry and community volunteers invited to oversight and mentor Sherry Kaurila during project implementation. Ultimately, however decision making on allocation of time and funds to specific activities rests with Project Manager.

Other elements of the project include:

- The modelling and support with design of the systems conducted by James Cook University School of Education. This provides another layer of mentoring, networking and oversight to ensure the project is a rigorous, replicable new model for implementing effective support on the ground and not simply the absence of a hierarchy.
- Drawing on learnings and recommendations from past SRDC projects. These included Webster, K. 2003. Project BSS235. “A Pilot Study to Develop Education with a Focus on Sugar for Women in the Herbert River District”
• Input from local industry stakeholders to identify industry and customer requirements of the project and to assist with developing programs that will benefit local employers.

• The early identification of collaborators to the project to provide fast tracked capacity to the project.

• Building on existing systems of business, networking and research available to the sugar industry to promote opportunities offered through the project, for example Australian Agricultural College Corporation (Burdekin Campus), via Campus Manager, Robyn O’Sullivan, and James Cook University Business Program (AICD)and Dr J Balatti, Mentoring Coach

**Outcomes.** This Project seeks to:

1. Build the capacity of 100 women across the sugar cane industry value chain in terms of human and social capital, with particular reference to the Herbert and Burdekin regions of north Queensland

Outputs to be measured:

- Capacity of women built in terms of human and social capital. Target: >100 women.
- Which part of the sugar cane industry value chain were women from? Target: Across all areas
- Region that women represent. Target: Herbert and Burdekin regions of North Queensland

2. Increase the profile of women past, present and future, working across all sectors of the sugar industry in those regions

Outputs to be measured:

- Increase in the profile of women past, present and future
- Which part of the sugar cane industry value chain were women from? Target: Across all areas
- Region that women represent. Target: Herbert and Burdekin regions of North Queensland

**Impacts.** The impact of the project findings on the sugar industry and on sugar towns and communities has been that women and men are more aware of the role which women play in the industry. The wider community, including nearby urban centre of Townsville, has heard of women’s role in the sugar industry. The effect of the project has been a benign one, and good for the image of the sugar industry.
This is not to say that awareness has come where there was none previously, but that awareness has been increased. Because of the Project-sponsored events, courses, travel and learning, sugar industry women have networked, made new contacts, learned new skills, applied for and gained jobs, and a small number have gained positions of influence. There has been an uptake of technology and e-mail networks, women’s sugar groups have taken up a strategic plan, and hundreds of women have attended three innovation Showcase days. Women themselves have willingly participated, consented to Case Study Interviews, as well as profiles and interviews, on stage – in public – about their lives, and achievements.

From the beginnings of the WATW? Project - when observers were a little wary of the project and its title - to the present, there has been a noticeable relaxation, and very little of the opposition from sugar industry people which could have been expected.

The economic impact of the presence of women on staff, on boards, and throughout any organisation is being documented increasingly as a benefit to productivity, sustainability, and profitability. Diversity on Boards, and diversity of perspectives and opinions, as well as differing approaches, has been shown to be a good thing for organisations. The WATW? Project has resulted in increased awareness, increased skills acquisition, and an increase in uptake of roles across different sectors and in the case of boards of directors, advisory boards, and governance, where no presence had existed before.

1. Background:

“WATW?” is the name of a two year project, funded by SRDC to build the capacity and raise the profile of women in the Herbert and Burdekin sugar industries. The goal is to support women into skills building, paid work and/or positions of influence, in any sugar industry sector, by improvement in their skills and confidence. Support includes mentoring and networking as well as some targeted funding allocations for training, travel, and gaining skills.

The project is designed to be ‘women-friendly’ in that it has both created a new way of running the project as well as finding and linking new and existing learning pathways and employment and leadership opportunities for women. Historically, in the sugar industry these opportunities may have been closed or restricted by rigid hierarchies, patriarchal systems and mindset based on hard physical work, politicization and an operational, rather than strategic focus. These practices created uncomfortable environments for many, especially women and younger men, and so people failed to effectively engage with industry leadership, and for some, prevented them undertaking leadership roles themselves.
The project includes a funded part time Project Manager’s position, held by Sherry Kaurila, who has authority to allocate funds to support individuals and groups of women. Sherry will be supported by a second funded position, a part time project Officer based in the Burdekin: TBA

**WHY?** The concept of *WATW?* grew out of one Sherry’s experiences. The experience of being one of very few women, over many years, at sugar industry forums, trade shows, and meetings. She was often asked the question by visiting dignitaries and representatives of various agricultural industries the question ‘Where are the sugarcane industry women?’

Women in many agricultural industries are under – represented in producer, managerial, research, extension, sales and strategic leadership roles. In the sugarcane industry, there is the lowest representation of all. (Census 2004)

**HOW?** To gauge interest in and to kick start the project Sherry formed a small informal team, named Sugar Shakers© to host an event: *Women as Winners – Big Day Out* in Ayr, November 2005. Big Day Out celebrated 100 years of the right for most women to vote in Queensland and 40 years for Indigenous women and men’s suffrage. 200 people came, and the outstanding success of the day motivated Sherry to continue the ‘women-friendly’ path which resulted in putting together the SRDC funding application that became *WATW? Project*

Again, in Ingham in late November 2006, *Where Are The Women?* Staged another event, entitled ‘..here come the women’ Showcase, to highlight the achievements of women in sugar, especially in North Queensland. 180-plus people attended an inspirational day out which included vignette presentations of six women achievers in sugar, trade displays, hospitality and entertainment, and services for women in agribusiness. Highlight of the day was undoubtedly the hour-long interview by Tracey Curro, television journalist, of three of the best:

- Caroline Coppo, Sugar Executive Officer of Ingham
- Desley Vella, Grower and Community Banker of Babinda
- Sonya Maley, Queensland Rural Woman of the Year, 2007, RESIS Australia, Mossman.

‘Really opened my eyes’ and ‘Inspirational!’ were common feedback themes
The project uses an innovative approach. The focus is on three key areas:

- **Building awareness and confidence** of individuals particularly women in the regions – this includes producers, harvesting interests, sugar industry staff, support people, and younger women

- **Building networks** which include women along the value chain, and across all sectors: environment, community, suppliers, growers, harvesters, transport and milling interests

- **Herbert and Burdekin regions as a focus area**

These two regions, historically, have not generated many common projects, perhaps because the differences between the regions have been paramount rather than the similarities. *WATW?* Is a project which seeks, with a responsive and flexible leadership approach, a focus on the opportunities for people in each region to learn from each other, and for initiatives from each region to be built on transferability and resilience.

**WHAT DOES THE PROJECT DO?** The project offers targeted funding allocations to individuals and groups of women to address a particular skills shortage or attend specific capacity building opportunities. Individual women, or groups of women, can access money for training and career design, including travel and accommodation to accomplish this – something they may have always wanted to do. Funding may also be allocated to be active in creating new opportunities or events that may not have been offered to the women of the sugar industry value chain before.

**RESULTS** Ultimately a key goal of the project is to help create informal, lasting networks of confident, resourceful women, particularly in both the Burdekin and Herbert River regions, and regions further north and south. These networks will have the capacity to support women who design and improve the delivery of quality economic, social and environmental results for their respective regions. The hallmark of these networks will be diversity, openness to change, and a proactive and inclusive ethic towards all.

Irrespective of current skill levels or starting point, individuals will be supported to develop their own training pathway. This may be towards formal qualifications and skills to improve employment prospects, or to gain confidence to take a role in the industry in an unpaid or representative role.
The project is supported by Herbert River District Cane Growers Organisation Ltd. as auspice body of the grant.

2. Objectives:
This Project seeks to:

1. Build the capacity of 100 women across the sugar cane industry value chain in terms of human and social capital, with particular reference to the Herbert and Burdekin regions of north Queensland

   • Capacity of women built in terms of human and social capital. Target: >100 women.
   • Which part of the sugar cane industry value chain were women from?  Target: Across all areas
   • Region that women represent. Target: Herbert and Burdekin regions of North Queensland

2. Increase the profile of women past, present and future, working across all sectors of the sugar industry in those regions

   • Increase in the profile of women past, present and future
   • Which part of the sugar cane industry value chain were women from?  Target: Across all areas
   • Region that women represent. Target: Herbert and Burdekin regions of North Queensland

3. Methodology
For the purposes of the WATW Project, the importance of networking and personal relationships is acknowledged, valued and promoted. Also required is a rigorous monitoring system to avoid any drift towards nepotism. Significant effort has gone into designing robust systems for the project that avoids reverting to the traditional hierarchical structure people are often familiar with. This is a critical element of how the project has been put together.

The Project Manager reports to and is guided by a Community Reference Group. This is a panel of industry and community volunteers invited to oversight and mentor Sherry Kaurila during project implementation. Ultimately, however decision making on allocation of time and funds to specific activities rests with Project Manager.
The WATW? Project comes straight from Industry Capacity Building (ICB) course in 2005-2006. Part of the course required the design and delivery – by each participant - of his or her project with would facilitate/enhance change in the sugar industry. Other research projects which were used to build the model for the WATW? Project include:

- Ian Plowman- co-authored with Drs. Jeff Coutts, and Neels Botha – “Herbert Cultural Imprint Analysis: A pathway to greater understanding and co-operation in decision making”. A study of the way in which cultural norms affect outcomes in agriculture, business and daily life in the Herbert region: how we think, how we speak to and about each other, how we treat each other, what our outcomes are – are the result of the imprint that our culture has made upon us. Ten unwanted behaviours were discerned from many interviews, conducted at different times, and in different ways, by different researchers, working independently. Patriarchy, sweeping generalisations, externalising responsibility, minimal communication between sectors, distrust, doing it all, dancing the dance, lifestyle over productivity, and problem-centred thinking as well as several other characteristics were defined and studied, so as to be understood, and ultimately addressed. This even included a short two-act play by one of the women who took part in the WATW? Project – Case Study 3

- Emmma Jakku, Project CSE016: “Sugar communities and resilience to change: Opportunities for enhancing women’s participation in sustainability initiatives”

- Kylie Webster – 2003 Project BSS235 – “A Pilot Study to Develop Education with a Focus on Sugar for Women in the Herbert River District”

- Cathy McGowan – “Women on Board” SRDC Project.

- Pini, B. 2003. See 3.1.2 – Results from Baseline Data Review

Other elements of the project include:

- The modelling and support with design of the systems conducted by James Cook University School of Education. This provides another layer of mentoring, networking and oversight to ensure the project is a rigorous, replicable new model for implementing effective support on the ground and not simply the absence of a hierarchy.

- Drawing on learnings and recommendations from past SRDC and other projects. These included, but were not limited to
Webster, K. 2003. Project BSS235. “A Pilot Study to Develop Education with a Focus on Sugar for Women in the Herbert River District”


Pini, B. 2002. Gender: Change and Resistance; Men’s Response to Women’s Networks in the Australian Sugar Industry

- Input from local industry stakeholders to identify industry and customer requirements of the project and to assist with developing programs that will benefit local employers.
- The early identification of collaborators to the project to provide fast tracked capacity to the project.
- Building on existing systems of business, networking and research available to the sugar industry to promote opportunities offered through the project, for example Australian Agricultural College Corporation (Burdekin Campus), via Campus Manager, Robyn O’Sullivan, and James Cook University Education Faculty Program (AICD) and Dr J Balatti, Mentoring Coach
Stakeholder Input and Participation, End Users
There were several stakeholders and end users, both individuals and groups.

Leadership for the Project was provided by:
- Sugar Research and Development Corporation (SRDC) as Project Funder
- Project Manager
- Community Reference Group, as guide, advisor to Project Manager (PM)

Collaborators of the Project were:
- Cultural Imprint Study (Dr Ian Plowman) and the study of sugar industry archetypes, Observer, Mentor
- Burdekin Campus Australian Agricultural College Corporation, through Campus Manager Robyn O’Sullivan, formerly Sugar Executive Officer, Burdekin region
- Department of Primary Industries and Fisheries (DPI&F), through Avril Robinson, Rural Coordinator, FEAT consultant, Townsville and Burdekin
- Karyn Bliesner, Playwright, and Environmental (Water) Engineer
• Cooperative Venture for Capacity Building (CVCB) and the Mentoring Fast Track Program, which included the Project Manager as participant. On the Fast Track - bringing capacity building research and practice together.  

On the Fast Track was a project designed to build the skills of people involved in capacity building activities. The project took an action research approach where participants worked with mentors and learned from the experiences of each other to apply capacity building principles to their own programs. Integral to this is using the principles developed in CVCB research projects (see CVCB factsheets at http://www.rirdc.gov.au/capacitybuilding/reports.html).

Project Input was provided by:

• Canegrowers Herbert – as auspice entity for the CGH001 Project grant, as well as in-kind support for accounting for the Project.
• Canegrowers Burdekin, Project support, especially for the Innovation Showcases one and two.
• CSR Sugar provided sponsorship for all three of the Showcase events, and provided in-kind support for women on CSR staff to attend, and take part in the program.
• Hinchinbrook Shire Council provided support for Showcases, including money and in-kind support.
• ANZ Bank Ingham provided sponsorship and large amounts of in-kind work for the Showcase, including their staff in the networking and engagement process.
• ANZ Bank Burdekin provided sponsorship and in-kind for two of the Showcases, and contributed to the successful November 2005 Event, Women as Winners.
• Researchers, as well as sugar industry researchers. See 3.1.2 - Results from Baseline Data Review.
• BSES Herbert – support for DEFOS, provision of several grower/industry information and training opportunities.
• Queensland Mechanical Cane Harvesters Association (QMCHA) provided input and support for the Harvest Haulout Pilot.
• James Cook University School of Education, through Dr Josephine Balatti, who assisted with survey design, and project flow.
• James Cook University School of Business, as venue and support for AICD participants.
Project End Users included:

- Burdekin Women’s Sugar Network (The Network) – PM attended several meetings in Ayr, Farm Tour, networking and supported their Strategic Planning Day.
- DEFOS (now WISH – Women in Sugar Herbert) – attended several meetings, formed alliances, and networking.
- Women in Sugar Australia – WISA.
- Women in Case Studies – funded study and travel.
- Seagals – high level mentoring and feedback lunch meetings - women from all agri-business, politics, banking, transport and education sectors – meet at Seagulls Restaurant in Townsville mostly, hence the name.
- People who attended Innovation Showcases.
- Collaboration with end users is by attending meetings together, newsletter, and e-mail discussion and contact.
**Systems integration**

Rather than developing new opportunities the WATW? Project utilised and built on existing systems of business, networking and research to meet objectives.

In some cases existing programs required review/renewal/tailoring to provide effective solutions for participants.

Business systems utilised included media releases, targeting newsletters profiling groups and individual women through stakeholder groups, using existing business training providers to upskill participants.

Knowledge of the formal and informal networks existing in the sugar industry and how these networks function was fundamental to communicating objectives of the Project, gaining input from stakeholder groups, promoting events and raising the profile of Women in Sugar.

3.1 Methods used to Evaluate Success in Delivery of Outputs and Outcomes.

The methodology for the WATW? Project has been developed to deliver the project objectives and outcomes as set out in Section 2.0. The methodology will be discussed separately for Objective 1: Human Capital Capacity and Objective 2: Increasing the profile of Women in the Sugar Industry.

The methodology states the preferred project approach used to analyse data and information to formulate:

- **Baseline conditions.** Where possible, identify and measure baselines for each objective to gain an understanding of where the significant areas to invest resources lie and to enable comparison with measurable change for the project.

- **Outputs.** Following analysis of baseline conditions, identify the most effective types of outputs to develop for the project. Develop a measuring system for outputs of each Objective.

- **Outcomes.** Develop evaluation systems to measure the effectiveness of the project on delivering objectives, specifically to demonstrate impact, learnings and additional outcomes of the project.
Objective 1: Human Capital Capacity

Outputs to be measured:

- Capacity of women built in terms of human and social capital. Target: >100 women.
- Which part of the sugar cane industry value chain were women from? Target: Across all areas
- Region that women represent. Target: Herbert and Burdekin regions of North Queensland

Definitions:

- Human capital includes leadership, self-confidence, communication, and negotiation skills
- Social capital includes supporting existing groups, mentoring, networking, and working with influence
- Value chain includes input suppliers, research and development, extension, growing, harvesting, transport, milling, storage/sales, value-adding, and the wider sugar-towns community

In developing a baseline of Human Capital Capacity within the target groups, data was assessed prior to identifying new learning experiences to target. The approach used when differentiating the baseline data was to measure capacity building experiences in three broad categories:

- “Reach a Lot of People”, Low intensity of content eg, newsletters, media releases, promotional events
- “Moderate reach, moderate content”, Medium intensity of content, eg industry field trips, course and networking opportunities.
- “Low reach, high value content”, High intensity of content, eg executive leadership, mentoring and communication training, executive level networking experiences.
<table>
<thead>
<tr>
<th>Target Age Bracket</th>
<th>Region and Value Chain</th>
<th>Data and Information</th>
<th>What to measure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>“Reach a Lot of People”</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L. Low intensity of content</td>
<td>18-70</td>
<td>Region: Mackay - Mossman Value Chain: All Areas</td>
<td>Surveys Feedback from industry professionals – SEO (Federal) and SRO (State) Govts SeaGals Professional Women’s Network Previous SRDC reports and projects.</td>
</tr>
<tr>
<td>Target: High number of people impacted: &gt;300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>“Moderate reach, moderate content”</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. Medium intensity of content, Target: Medium number of people impacted &lt;100</td>
<td>20-50</td>
<td>Region: Mackay - Mossman Value Chain: All Areas</td>
<td>Surveys DEFOS and Burdekin women in sugar network meetings. Previous SRDC reports and projects. Industry research.</td>
</tr>
<tr>
<td><strong>“Low reach, high value content”</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. High intensity of content Target: Low number of people impacted :&lt;50</td>
<td>25-50</td>
<td>Region: Mackay - Mossman Value Chain: All Areas</td>
<td>Surveys Previous SRDC reports and projects. Industry research.</td>
</tr>
</tbody>
</table>

**Table 3.0 Baseline Data Collection Matrix: Human Capital Capacity**
3.1.2 Results from Baseline Data Review: Human Capital Capacity

**Baseline Surveys:** The Baseline Surveys for “Women on the Farm - Herbert” and “Women on the Farm – Burdekin” have been included as Attachment 1 and Attachment 2 to this report.

**Past SRDC Projects and SRDC Contacts.**

- O’Connor, M. 2006. *Leadership is Women’s Business.* Presentation to the *Women, Management and Employment Relations Conference.* The message of this presentation is that time hasn’t delivered the desired outcomes: ensure women have an influence and a positive effect on productivity and bottom line performance. Companies need to be supported to find ways to encourage women’s participation

- Pini, B. and McDonald, P., 2004. *Gender Change and Resistance: Men’s Response to Women’s Networks in the Australian Sugar Industry.* QUT Press. This study demonstrated the behaviours of men who felt threatened by the appearance of women in roles other than of home duties and carer for others - and their use of paternalistic structures to express this


- Plowman, I., 2004. *Herbert Cultural Imprint Analysis: A Pathway to greater understanding and cooperation in decision making.* Co-authored with Drs. Jeff Coutts and Neels Botha. Using a variety of methods and interview styles, by three separate researchers working independently, this Study identified ways that we think, speak and act toward each other, and how our culture – the way we do things - plays a powerful role in decision making.

- Webster, K. 2003. Project BSS235. *A Pilot Study to Develop Education with a Focus on Sugar for Women in the Herbert River District.* This Study was over a few years, and enabled the beginnings and growth of DEFOS, a women in sugar group in the Herbert

**Meeting forums:** Much of the feedback at meetings, conducted both formally, and informally, at every group or industry gathering, even at the local Show. Feedback was encouraged by question and answer, and conversation. Project learnings from participants – former or prospective – was that:
• Learning groups need to be small, and it should be with at least one or two friends; ‘a room full of strangers makes me nervous and I can’t take anything in’
• You learn more when you are with friends, doing something you enjoy. All respondents, both in the Herbert and in the Burdekin said they liked to ‘get away’ to other areas for fact finding and study trips
• You learn more when you can ‘trust’ the presenter, or at least identify with him or her

Women said they learned from mentoring, with both female and male mentors, and that they were familiar with this form of teaching and guidance, even if was not always named ‘mentoring’.

Bus trips, farm tours, mentoring, confidence building, skills recognition and Showcase days were chosen as result areas for the Project, and as methods of engagement, partly because of Kylie Webster’s work in 2003.

Barbara Pini’s work from just the year before made the recommendation to “keep it light, encouraging team work and social interaction”, partly to avoid possible undermining from male members of households and organisations.

The previous studies showed that women like to be together when they are learning, because networking -and learning how to do it - is satisfying a need in women to share information, and because women learn best from people they know and trust.

Change in the sugar industry has been feared for a long time. Trust and even friendship need to develop before any new information will be absorbed on any scale, especially if it can be learned in a group environment, where people network, and have fun together. Women in DEFOS and The Burdekin Women in Sugar Network responded that they enjoyed going places, and learning together. They also said that their husbands were more receptive to this method of learning for their wives, and so most encouraged it.

The baseline review, along with collaboration with end users and other stakeholders, assisted with the identification of elements to be formed into tangible outcomes for the project.
Figure 3.0  Approach to Differentiating Outputs and Outcomes of Human Capital Capacity (following Baseline Assessment)

Differentiation of Learning Experiences

- **“Reach a Lot of People”**
  - Low intensity content
  - Target: >300 people
  - Showcases
  - Communication
  - Industry learning opportunities

- **“Medium Reach”**
  - Moderate intensity content
  - Target: <100 people
  - Industry Tours
  - Developing networks
  - Industry workshops and training
  - Mentoring project participants

- **“High Value”**
  - High intensity content
  - ≤50 people
  - Industry governance, leadership
  - Mentoring
  - Strategic networking
  - Industry strategic planning
3.2 Methods used to evaluate success in delivery of outputs and outcomes.

As summarised in Table 3.1, the success in delivery of outputs and outcomes for the project were measured in terms of Impact, Learning and Implication in Research and Development.

Table 3.1 Methodology for Assessment of Learning Experience through each stage of the project.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact</td>
<td>Participants training records, participant evaluation, survey, interviews, Case studies</td>
</tr>
<tr>
<td>Learning</td>
<td>Participants training records, participant evaluation, survey, interviews, case studies</td>
</tr>
<tr>
<td>Implication in R&amp;D</td>
<td>Participant evaluation, interviews and case studies</td>
</tr>
</tbody>
</table>

Table 3.2 Description of the Different Assessments

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Description</th>
<th>What to Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participant Training records</td>
<td></td>
<td>Number of events, training opportunities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number of participants</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Type of training: human and social</td>
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<tr>
<td></td>
<td></td>
<td>Age range of participants</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Region</td>
</tr>
<tr>
<td>Participant evaluation</td>
<td>Participant evaluation has been used to evaluate “how effective were events, courses, items in influencing human and social capacity?”</td>
<td>Effectiveness of the event or training to enhance Human capital capacity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Refer Table3.3.</td>
</tr>
<tr>
<td>Assessment Type</td>
<td>Description</td>
<td>What to Measure</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Activities, courses</td>
<td>Activities, courses and programs were divided into four categories for human capital</td>
<td>Jobs applied for since attending event/training opportunity.</td>
</tr>
<tr>
<td>and programs</td>
<td>• Leadership</td>
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<tr>
<td></td>
<td>• Self confidence</td>
<td></td>
</tr>
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<td></td>
<td>• Communication</td>
<td></td>
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<tr>
<td></td>
<td>• Networking</td>
<td></td>
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<tr>
<td></td>
<td>And four categories for Social Capital:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Supporting existing groups</td>
<td></td>
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<tr>
<td></td>
<td>• Mentoring</td>
<td></td>
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<tr>
<td></td>
<td>• Networking</td>
<td></td>
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<tr>
<td></td>
<td>• Working with influence</td>
<td></td>
</tr>
<tr>
<td>Interviews and Case</td>
<td>Interviews were conducted with a range of participants, to gain feedback on project outcomes and outputs with regards to human capital capacity and also feedback on the potential that the item could lead to an enhancement of the profile of women in sugar.</td>
<td></td>
</tr>
<tr>
<td>studies</td>
<td>Interviews were conducted by the Project Manager.</td>
<td>Output: evaluation in terms of knowledge, skills, processes, practices, products and technology developed</td>
</tr>
<tr>
<td></td>
<td>Set up: 45 mins in length, 8 questions, face to face - one on one. A list prompt questions for the interviews is contained in Appendix 1.</td>
<td>Outcomes: Impact, learning and implication for R&amp;D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jobs applied for since attending event/training opportunity.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jobs attained since attending event/training opportunity.</td>
</tr>
</tbody>
</table>
A total of 25 interviews were conducted, with 15 of these interviews chosen to be written up as “Case Studies” supporting program outputs and outcomes. Attachment 3 contains summary of Case Studies.

Media scans Articles relating to Women in Sugar especially articles where women have attained leadership roles in the Sugar Industry or employment in a new area of the industry. Number of articles relating to the employment of Women in the Sugar industry.

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Description</th>
<th>What to Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A total of 25 interviews were conducted, with 15 of these interviews chosen to be written up as “Case Studies” supporting program outputs and outcomes. Attachment 3 contains summary of Case Studies.</td>
<td></td>
</tr>
<tr>
<td>Media scans</td>
<td>Articles relating to Women in Sugar especially articles where women have attained leadership roles in the Sugar Industry or employment in a new area of the industry.</td>
<td>Number of articles relating to the employment of Women in the Sugar industry.</td>
</tr>
</tbody>
</table>

Table 3.3 Training or Event Evaluation – Measuring the Effectiveness of the Event or Training Attended

<table>
<thead>
<tr>
<th>Human or Social Capital Dimension</th>
<th>How Effective the Event or Training was at Delivering Human or Social Capital Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low/not applicable</td>
</tr>
<tr>
<td>Leadership</td>
<td>Limited or no focus on leadership</td>
</tr>
<tr>
<td>Self Confidence</td>
<td>Limited or no impact on self confidence.</td>
</tr>
<tr>
<td>Communication</td>
<td>Limited or no impact on communication</td>
</tr>
<tr>
<td>Human or Social Capital Dimension</td>
<td>How Effective the Event or Training was at Delivering Human or Social Capital Outcomes</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Low/not applicable</td>
<td>Medium</td>
</tr>
<tr>
<td></td>
<td>communication principles.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Negotiation skills</td>
<td>Limited or no impact on negotiation skills</td>
</tr>
<tr>
<td>Support existing groups</td>
<td>Limited or no impact on supporting existing groups</td>
</tr>
<tr>
<td>Mentoring</td>
<td>Limited or no impact on mentoring</td>
</tr>
<tr>
<td>Networking</td>
<td>Limited or no impact on networking</td>
</tr>
<tr>
<td>Working with influence</td>
<td>Limited or no impact on working with influence.</td>
</tr>
</tbody>
</table>
Case Study Overview

Case studies have been used to form conclusions as to the value and impact that the WATW? Project has had with participants.

- 25 women responded to phone or in person interview requests and all were extremely cooperative, and wanted to be of assistance in offering their input.
- 15 Case Studies were chosen, representing an age range from 35 to sixty years, with an average age of 45 years.
- Regions represented: Herbert, Burdekin, Mossman, Mackay, Townsville and Tully regions.
- Length of time that participants have been involved with the sugarcane industry ranged from four years to 48 years, with an average of 15 years.
- Occupations and value chain segment represented: Sugar cane growers, harvesters, millers, allied industries such as water resources, land care and catchment management, and transportation.
- 5 case studies were chosen to demonstrate Human Capital. earnings, skills, gaining personal confidence, public speaking, leadership, company directors, practical skills such as haulout tractor driving, event management.
- 5 case studies were chosen to demonstrate Social Capital. Teaching and learning about the signs and symptoms of mental ill health, mentoring each other, organising bus trips for wider industry participants, staging the WISA Conference, attending the QRWN Conference, SRDC Board membership, Tully Mill Directorship.
- 5 case studies were chosen to demonstrate project outcomes.

3.2 Objective 2: Raise the Profile of Women

Outputs to be measured:

- Increase in the profile of women past, present and future
- Which part of the sugar cane industry value chain were women from? Target: Across all areas
- Region that women represent. Target: Herbert and Burdekin regions of North Queensland
- Profile includes: women attaining leadership positions in the sugar industry and media coverage of the achievement of groups of women or individuals.
• Value chain includes input suppliers, research and development, extension, growing, harvesting, transport, milling, storage/ sales, value-adding, and the wider sugar-towns community

In developing a baseline of the profile of women within the target groups, data was assessed prior to identifying new learning experiences to target. A low to non existent profile of women was found in the media review conducted, and also a scarcity of women in leadership roles. Exceptions to this finding include, but are not limited to:

• Veronica Lizzio, Director, Tully Sugar Mill Board
• Caroline Coppo, Herbert Sugar Executive Officer, SRDC Board Member
• Terri Buono, Burdekin Sugar Executive Officer
• Maryann Salvetti, Mossman Sugar
• Sonya Maley, RESIS Australia

The strategy developed to raise the profile of women as part of this project involved:

• Media releases to local newspapers
• Newsletters to stakeholder groups, including articles providing the achievement of groups of women and of individuals.
• Profile building outcomes integrated into Sugar Industry events
• Providing training and/or mentoring opportunities which then enable women to have a greater chance of success in gaining leadership positions.

The methodology to evaluate outputs and outcomes from this strategy includes measuring the outputs contained in Table 3.4.

*Table 3.4. Raising the Profile of Women in Sugar – Measuring Impact*

<table>
<thead>
<tr>
<th>Type</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newletters – WATW?</td>
<td>Number of newsletters published</td>
</tr>
<tr>
<td>Media releases - WATW?</td>
<td>Number of media releases</td>
</tr>
<tr>
<td>Media other</td>
<td>Number of radio interviews</td>
</tr>
<tr>
<td>Events – WATW? Showcases</td>
<td>Number of people in attendance. Number of women profiled.</td>
</tr>
<tr>
<td>Training/mentoring</td>
<td>Number of people attending training to increase opportunity to gain leadership positions in the Sugar Industry. Number of people undergoing formal mentoring as part of the project.</td>
</tr>
</tbody>
</table>
4. Outputs:

**Table 4.0 WATW? Project – Items that Women participated in**

<table>
<thead>
<tr>
<th>Element</th>
<th>Item</th>
<th>Description and Purpose</th>
<th># of people in attendance or impacted (# of women in attendance or impacted)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Showcases</strong></td>
<td>Women as Winners, Nov 2005, Here Come the Women! Nov 06.</td>
<td>WAW Showcase presented three women, one from each level of government, as well as Winning Women from everyday life (9) WATW? Nov 2006 Showcased three innovators by interview, and 9 sugar industry women by profile. Both events 250 – 290 attendees</td>
<td>&gt;300 (290)</td>
</tr>
<tr>
<td><strong>Here come the Women! Feb 08.</strong></td>
<td></td>
<td><strong>Celebration event highlighted innovation and achievement by women in sugar towns. Interviews x 3, and Profiles x 9 were highlights of a day of showcases, networking</strong></td>
<td>&gt;300 (280)</td>
</tr>
<tr>
<td>Element</td>
<td>Item</td>
<td>Description and Purpose</td>
<td># of people in attendance or impacted (# of women in attendance or impacted)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------</td>
<td>-----------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Communication</td>
<td>Newsletters</td>
<td>4 newsletters</td>
<td>Reached approx 200 on address list</td>
</tr>
<tr>
<td>Networks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-mail groups</td>
<td></td>
<td>Consistent and regular e-mail contact with e-mail network</td>
<td>150 approximately</td>
</tr>
<tr>
<td>Women in Sugar Google Groups</td>
<td></td>
<td>Began with this in early 2007 – online opinion and information for all women everywhere in sugar industry</td>
<td>60-70</td>
</tr>
<tr>
<td>Industry learning</td>
<td>BSES Courses</td>
<td>Workshops, Field Days, and information sessions</td>
<td>50-60</td>
</tr>
<tr>
<td>Industry Tours</td>
<td>Burdekin Farm Tour</td>
<td>Bus tour of Cropping, intensive agriculture, Ag. College, and transport solutions – Upper Burdekin valley; women form both Herbert and Burdekin attended, set up by Burdekin Women’s Sugar Network</td>
<td>20</td>
</tr>
<tr>
<td>Developing networks</td>
<td>Seagals, Burdekin and Herbert Women in Sugar groups, DEFOS Forums March each year, Women in Sugar Google Groups</td>
<td>Seagals is an informal gathering, three times a year, of business, professional, banking, education, politics and transport women- for mutual mentoring and support, with lunch</td>
<td>15</td>
</tr>
<tr>
<td>Industry workshops and training</td>
<td>Harvest Haulout course</td>
<td>Specific, women friendly training on heavy harvest machinery, employers recruited simultaneously, to provide support and encouragement for ‘their’ trainee throughout</td>
<td>12</td>
</tr>
<tr>
<td>Water Quality Monitoring Tour, Herbert region</td>
<td></td>
<td>Participants travelled by bus to various sites throughout the region, and visited the farmhouse where the farmers all came to complete their own water testing and monitoring, learning to be independent and self managed</td>
<td>3</td>
</tr>
<tr>
<td>Mentoring Project</td>
<td>CVCB Fast Track Project</td>
<td>Co–operative Venture for Capacity Building, two x two</td>
<td>4</td>
</tr>
<tr>
<td>Element</td>
<td>Item</td>
<td>Description and Purpose</td>
<td># of people in attendance or impacted (# of women in attendance or impacted)</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Participants</td>
<td>day trainings, Brisbane, and Sydney. Participants are matched with experienced mentors, and assist with each other’s projects</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Industry governance and leadership</td>
<td>Regional Advisory Group will soon be disbanded after Sugar Industry Reform Program runs out. RIB (Regional Industry Board) is the natural progression from there – in the Herbert. Sugar Executive Officer (Case Study 1) plays a key role here</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mentoring skills</td>
<td>Half day Master Class with JCU Mentoring coach, Dr Jo Balatti</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Strategic networking</td>
<td>Guest speakers and , Inspired topics, women in business, agriculture and politics x 3 events per year</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Industry strategic planning</td>
<td>Strategic Planning Day, supported by WATW? Project</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>
Field Trip with Burdekin women in sugar Network

Some Training In Communities participants
Burdekin Women in Sugar Network members at the WISA Conference, March 6, 2008

Sugar Shakers meet at Burdekin AACC August 29, 2007
Sugar Shakers meet, Townsville June 2006

Mentoring Master Class Oct 8, 2007
Learning to Use FEAT (Farm Economic Analysis Tool)
Table 4.1 Assessing the effectiveness of WATW? Project Elements against Human and Social Capital Dimensions

<table>
<thead>
<tr>
<th>Element</th>
<th>Leadership</th>
<th>Self Confidence</th>
<th>Communication</th>
<th>Negotiation skills</th>
<th>Supporting existing groups</th>
<th>Mentoring</th>
<th>Networking</th>
<th>Working with influence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Showcases</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>N/A</td>
<td>M</td>
<td>M</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Communication</td>
<td>M</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>L</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Industry learning</td>
<td>M</td>
<td>H</td>
<td>M</td>
<td>N/A</td>
<td>H</td>
<td>M</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Industry Tours</td>
<td>M</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>Developing networks</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>N/A</td>
<td>H</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Industry workshops and training</td>
<td>M</td>
<td>M</td>
<td>M</td>
<td>N/A</td>
<td>L</td>
<td>M</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>Mentoring Project Participants</td>
<td>M</td>
<td>H</td>
<td>M</td>
<td>H</td>
<td>N/A</td>
<td>H</td>
<td>H</td>
<td>M</td>
</tr>
<tr>
<td>Industry governance and leadership</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>H</td>
<td>N/A</td>
<td>H</td>
<td>M</td>
<td>H</td>
</tr>
<tr>
<td>Mentoring skills</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>M</td>
<td>M</td>
<td>H</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>Strategic networking</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>N/A</td>
<td>N/A</td>
<td>H</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Industry strategic planning</td>
<td>H</td>
<td>H</td>
<td>M</td>
<td>M</td>
<td>H</td>
<td>M</td>
<td>M</td>
<td>H</td>
</tr>
</tbody>
</table>

Legend:  H = Highly effective, M=medium effectiveness, L=Low effectiveness, N/A= Not Applicable.
Jobs women have attained since attending event/training opportunity:

- 9 women in the Burdekin found employment after TIC
- Harvest Haulout Pilot course, 3 cohorts, nineteen women, six working in the sugar industry now, as train driver, haulout drivers, and mill workers

Conclusions drawn from the 15 Case Studies examined in detail include:

- The WATW? Project has had an impact on all of the those interviewed, some more than others. All but 4 of the women said they had applied for, or were considering applying for, new roles since their own supported training, or exposure to the Sugar Shakers, Innovation Showcases, and training opportunities. 7 had been successful.
- Realisations ranged from personal observations, to learnings about the sugar industry and its structure and working.
- Further work was suggested including:
  - Collating all the current and previous work into one readable accessible format for industry use and guidance;
  - Supported, ongoing scholarships for women to enter the industry and leadership roles;
  - Training to be targeted at levels of confidence and presentation for women; and training and education to be inclusive of men as well.

Participant Case Studies have been used to form conclusions as to the value and impact that the WATW? Case studies demonstrate that WATW? Project has made a personal difference for individuals in the area of project outputs through:

- Increased knowledge of the industry - Case Studies 1-8, 11 and 13
- Increased skills and confidence such as public speaking, event coordination, running for office, nominating for an award – Case Studies 1, 3, 5, 6, and 10-13, 15
- Improved practices are demonstrated by the increased confidence in Women in Sugar Australia – Case Studies 13, 14, and Burdekin Women in Sugar Network – Case Studies 11 and 13
- New products and technology are illustrated by outputs such as the Shaking News Newsletter – Case Study 1, and the Women In Sugar e-network WISE-network – Case Studies 3, 10 and Project Manager. Mentoring Master Class – Case Studies 3, 4, 11 and Project Manager. This is also demonstrated by the Innovation Showcases November 2005, November 2006, and February 2008 – Case Studies 1 to 15
Table 4.2 Outputs from Raising the Profile of Women in the WATW? Project

<table>
<thead>
<tr>
<th>Type</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newsletters – WATW?</td>
<td>4 newsletters published</td>
</tr>
<tr>
<td>Media releases - WATW?</td>
<td>11 media releases</td>
</tr>
<tr>
<td>Media other</td>
<td>5 Radio interviews</td>
</tr>
<tr>
<td>Events – WATW? showcases</td>
<td>&gt;200 people in attendance in each event.</td>
</tr>
<tr>
<td></td>
<td>25 Profile interviews with women</td>
</tr>
<tr>
<td>Training/mentoring</td>
<td>35 people attended/attending training to increase opportunity to gain leadership positions in the Sugar Industry.</td>
</tr>
<tr>
<td></td>
<td>10 people undergoing formal mentoring as part of the project.</td>
</tr>
</tbody>
</table>

5. Intellectual Property:
Nil applicable for this project.

6. Environmental and Social Impacts:
- Environmental impacts: Nil
- Social Impacts: As the objective of the project is about creating opportunities for fundamental social change in the sugar industry, no further discussion has been included in this section

7. Expected Outcomes:
Participant Case Studies have been used to form conclusions as to the value and impact that the WATW? Case studies demonstrate that WATW? Project has made a personal difference for individuals in the area of project outcomes through:
- Board membership of SRDC (Case Study 1),
- Tully Mill Directorship (Case Study 5),
- Queensland Food and Fibre Agribusiness Council appointment (PM)
- Council elections candidacy (Case Study 13)
- Five AICD graduates – Case Studies 1, 5, 10 and Project Manager
• Welcome Aboard Training – Case Studies 3, 5, 8, 11, 13
• Women in Sugar Awards (Herbert) 2006, 2007
• Women in Sugar e-network, Australia-wide

8. Future Research Needs:
Future research needs have been incorporated within Section 9. Recommendations.

9. Recommendations:

<table>
<thead>
<tr>
<th>#</th>
<th>Recommendation</th>
<th>Possible further steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td><strong>Create a formalised mentoring program for Women in Sugar.</strong> The success for projects, and their effectiveness into the future, depends on continuity. Discrete or ephemeral funding, while welcome at the time, can leave behind something of a vacuum when the project or event is over. Mentoring is a result of the project, and its impact will be best felt if there are ways to keep the mentoring going</td>
<td>Source a stakeholder to own the program long term.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Use learnings from the WATW? project to set up mentoring program, for women and men, as part of doing business in the sugar industry</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Set criteria to target participants and limit number of participants each year for maximum effectiveness. (eg 10 mentees annually)</td>
</tr>
<tr>
<td>9.2</td>
<td><strong>Maintain media coverage of women in sugar.</strong> The WATW? Project has identified that an increase in media for women in sugar is possible, when a resource is allocated to covering events, conducting interviews and developing media releases.</td>
<td>Identify suitable media officers within stakeholder groups.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Build on learnings, networks and contacts developed through the WATW? project to deliver media coverage.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Include media coverage in future SRDC projects</td>
</tr>
<tr>
<td>9.3</td>
<td><strong>SRDC Project to collate/integrate/coordinate all SRDC Capacity Building projects to date</strong></td>
<td>Look for patterns, synergies, make recommendations</td>
</tr>
<tr>
<td>#</td>
<td>Recommendation</td>
<td>Possible further steps</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Readers and potential researchers, as well as funders, need to know everything which has been done before, and be able to access it</td>
<td>This should be in user friendly format, so that anyone can read it and see by words, pictures, graphs, pie charts, what has been delivered, and results, if measurable at this stage. This living document would have timelines, initiatives would be graded for effectiveness and impact, and be reader-friendly.</td>
</tr>
<tr>
<td>9.4</td>
<td><strong>SRDC, indeed all industry funders, to build in a component of research/scientific writing, to all projects</strong></td>
<td>A Report Writing or Science Report Writing intensive 2-day course at the start of each Project. Level of current skills of researcher taken into account, of course. This skill or lack of it, can mar the enjoyment, the effectiveness of the whole project, and results could be affected.</td>
</tr>
</tbody>
</table>
10. List of Publications

- Jakku, E. Project CSE016: “Sugar communities and resilience to change: Opportunities for enhancing women’s participation in sustainability initiatives”
- Plowman, I. 2004-5 Co-authored with Drs. Jeff Coutts, and Neels Botha – “Herbert Cultural Imprint Analysis: A pathway to greater understanding and co-operation in decision making”.
- Webster, K. 2003. Project BSS235 – “A Pilot Study to Develop Education with a Focus on Sugar for Women in the Herbert River District” Networks in the Australian Sugar Industry.
APPENDIX 1  - Approach to Case Studies.

List of prompt questions:

- What is your current role in the sugar industry/sugar town?
- What is your perception of the sugar industry formerly/now/the future?
- What training or events did you take part in?
- What were the results for you?
- What are your next steps?
- Do you have advice for the sugar industry research and development?

Framework of Case Study Reports:

- **Case Study participant**
  - Name:
  - Occupation:
  - Region:

- **Impact.**
  - Can you tell about the impact that the WATW project has had?
  - Have you considered applying for, or applied for, new roles since taking part in the Where are The Women’Project?
  - Have you been successful in attaining new jobs or new roles?

- **Learning**
  - I’ve realised that

- **Implications for Research and Development**
  - For the future, what further work do you think needs to be done?