

New Plymouth Injury Safe Trust 10-P Project Report

Taranaki Business House Safety Challenge 11 September 2009, Taranaki HSE Centre



Taranaki Business House Safety Challenge

10-P Model for documenting Community Safety Projects and Programs	
1. Project Description	
Project Title	Taranaki Business House Safety Challenge
Description	<p>A practical safety competition held at the Taranaki HSE Centre, aimed at health and safety representatives from a range of local businesses in Taranaki. The competition was adapted from existing annual practical safety competition events such as the Taranaki Secondary Schools Agricultural Challenge and the Trades Apprentices Safety Challenge. The activities focused largely on safety issues outside of the workplace including home safety, road safety and alcohol use.</p> <p>The competition involved teams of 4 employees taking part in 10 x 20 minute practical exercises for which they were awarded points for safety knowledge and skills (e.g. completing a hazard ID, selecting appropriate PPE, team work and answering safety related questions). The activities covered the following topics: fire safety, personal safety, correct fitting of child car restraints, alcohol, road safety, first aid, hazard identification, garden and household tools, chemical handling and physical fitness.</p> <p>The Challenge activities ran from 9am – 2pm. The event ended</p>

	<p>with a quick fire quiz and presentation of the inaugural Taranaki Business House Safety Trophy to the winning team.</p> <p>The event was organised and promoted by New Plymouth injury Safe with practical support from Police, ACC, Fire Service, Roadsafes Taranaki, Red Cross, Students Against Driving Drunk (SADD), Sport Taranaki, Taranaki Civil Defence, Plunket, Safety Intelligence Services, Taranaki HSE Centre and Department of Labour .</p>
Summary of Community Need	<p>Most accidents occur within the home and most injury prevention initiatives tend to target the very young and very old. The home is also the site of most injuries experienced by those of working age. By engaging workplaces in a safety initiatives focusing on home safety issues the Business House Challenge provided a creative means of targeting the working age population.</p>
2. Purpose	
Objectives	<p>The event aimed to raise awareness of home safety among employees by focusing on the links between workplace safety and home safety. In particular the event encouraged participants to think about how safety knowledge gained and used within the workplace could be transferred to the home setting (e.g. through the use of PPE for household tasks).</p> <p>The event also aimed to build links between health and safety representatives and those organisations running activities to encourage them to bring some of these activities into their workplaces.</p> <p>The activities were designed to be relevant and practical, and to reinforce existing knowledge and skills.</p> <p>The event also set out to enhance relationships between NPIS partners (e.g. ACC, Department of Labour, Police, Fire) and local business and industry partners.</p>
Outputs	<p>10 x 20 minute activity sessions led by representatives from Police, ACC, Fire Service, Roadsafes Taranaki, Red Cross, Students Against Driving Drunk (SADD), Sport Taranaki, Taranaki Civil Defence, Plunket, Safety Intelligence Services, Taranaki HSE Centre and Department of Labour .</p> <p>7 teams of 4 employees (total 28 employees) participated in the event.</p>
Outcomes	<p>An evaluation form was completed by all employee participants and the following feedback was received.</p> <ul style="list-style-type: none"> • Activities that participants enjoyed the most: All of the activities were rated as enjoyable by over 50% of participants. The activity most commonly rated as enjoyable was alcohol (fatal vision goggles challenge run by SADD). Common reasons for enjoying activities were that the participants felt they were relevant, they tested existing skills, they learnt a lot from the activity and they were 'challenged' by the activity.

	<ul style="list-style-type: none"> • Activities that participants enjoyed the least: A small number of participants (4 or less) rated the following activities as least enjoyable – Child Restraints, First Aid, Chemical Handling and Physical Fitness. Reasons given for not enjoying these activities so much were that participants had not received clear instructions, they did not know what to expect (or did not know that it was a 'scenario'), they had no idea what to do/felt helpless, or that they were unfit (in the case of the physical fitness activity). • Activities that were most useful Activities that were rated as being most useful were Fire Safety, Alcohol, Road Safety, Personal Safety and First Aid. The personal safety activity was selected by most people as being useful. Reasons participants gave for activities being useful included the fact that they learnt lots of new things, their existing knowledge and beliefs were challenged and they now know what to do in an emergency situation. • Benefits from participation Along with the new skills and knowledge learned, participants felt that the event helped them to develop networks with other agencies, provided some ideas for learning activities that could be taken into the workplace and provided a model for upskilling other employees with the workplace. • Suggested Improvements Participants suggested that clearer instructions needed to be given for some activities and that it should be made clear that each activity is a 'scenario' (particularly for the first aid activity which some people thought was a real emergency). They suggested that more turnover time be given for each activity and that some activities needed more time to complete properly. All participants felt that the Business House Challenge should become an annual event and more businesses should be encouraged to participate. <p>A number of the activity facilitators found that the activity provided a valuable opportunity for them to connect with local businesses and could provide a useful link for future safety promotion work. In particular, good links were made between local businesses and Red Cross (for first aid training) and SADD (for alcohol awareness activities in the workplace).</p>
Target issue	Workplace Safety (with some focus on home and road safety)
3. Process	
Research Basis for the Intervention Mechanism	The approach used in the Business House Challenge was based on the premise that the participants would be best engaged by short, practical and fun activities in a competitive environment. The activities encouraged participants to work as team, undertake a hazard identification prior to engaging in the task and answer questions designed to test their safety knowledge. All teams were given their score and feedback immediately after the activity, including areas in which they could have improved and gained additional marks.

4. People	
Target groups	Working age population, particularly focusing on Health & Safety representatives in low-risk industries (e.g. office settings).
5. Place	
Setting (taken from ICD-10 code frame)	Workplace
6. Partners	
Community; Business; Agencies; Academic; Others	<p>New Plymouth injury Safe – planning and coordination of event, funding of event, videoing & creating DVD</p> <p>ACC – support with event planning and preparation, running safety activities on the day</p> <p>New Plymouth injury Safe – support with event planning and preparation,</p> <p>Department of Labour – delivered and assessed chemical handling</p> <p>Sport Taranaki – delivered and assessed physical fitness activity</p> <p>Red Cross Taranaki & Taranaki Civil Defence – delivered and assessed first aid activity</p> <p>Roadsafe Taranaki – delivered and assessed road safety activity</p> <p>SADD - delivered and assessed fatal vision (alcohol) activity</p> <p>Plunket – volunteer delivered and assessed child restraint activity (with support from ACC)</p> <p>New Plymouth Fire Service – delivered and assessed fire safety activity</p> <p>New Plymouth Police – delivered and assessed personal safety activity</p> <p>Safety Intelligence Services – delivered and assessed garden and household tools/ladders activity</p> <p>Taranaki HSE Centre manager – delivered and assessed hazard ID activity</p> <p>Business Teams: Powerco, Methanex, Balance Agri-Nutrients, New Plymouth District Council, Taranaki DHB (2 teams) and Scion Research</p>
7. Price	
Purchased (Salaries, Operating Expenses & Capital); Donated; Costs to Others (e.g. participants, human, organisational, relational)	<p>Planning & Coordination undertaken by New Plymouth injury Safe Trust planning group representatives</p> <p>3 planning meetings prior to the event, including 1 meeting with all activity facilitators at the Taranaki HSE Centre</p> <p>17 activity facilitators provided their time free of charge to run and assess safety activities and act as judges for the end of day quiz.</p> <p>2-3 additional individuals available during the day to support with running the event.</p> <p>Design of publicity materials carried out by NPIS (no cost)</p> <p>Loan of equipment for use during the day (e.g. first aid equipment, rowing machine, laptops, power tools, etc.)</p> <p>Donation of prizes and goody bags by NPIS (Trophy and cinema tickets)</p> <p>7 teams of 4 employees (total of 28) were released from work for the day by their respective employers to participate in the</p>

	<p>challenge event.</p> <p>Expenditure was as follows: \$200 – Hire of HSE Centre (included as part of ACC's annual contracted hours of centre hire) \$400 – Catering (funded by ACC) \$50 – Donation to Red Cross (funded by NPiS) \$60 – Trophy and engraving \$80 – Movie vouchers (prizes)</p> <p>\$790 TOTAL</p>
8. Product	
Outputs; Exposure; Dose Rates, Results, Outcomes Achieved	<p>28 employees took part in 10 activities. The small group size allowed focused educational work to be undertaken with the participants. Feedback from the participants suggests that the activities reinforced existing knowledge but also challenged some of their existing beliefs and behaviours. Most participants reported learning lots of new things through the activities.</p> <p>A very small number of individuals (<4) reported finding the first aid and fire safety activity difficult. Reasons for this included the fact that they panicked, they did not know what to do or that they did not realise the activity was a scenario (i.e. in first aid). However these individuals acknowledge that this was an area they needed to work on and 2 reported that they intended to take a first aid course. The participant who reported feeling panicked stated that she had learned that she panics easily by carrying out the activity.</p>
9. Progress	
Current status (Ongoing or Fixed Term); Milestones; Performance Indicators	<p>It is intended that the Business House Challenge will be run as an annual event, complimenting existing challenge events such as the Agricultural Team Challenge, Trades Apprentice and Gateway Students HSE Centre Challenge.</p> <p>Those involved in the Business House Challenge have expressed interest in being involved in the event if it is run again and all participants indicated that they would like to see the event run annually.</p>
10. Promotion	
Action Resulted; Media & other Promotions; Building knowledge basis with other communities	<p>The event was attended and reported on by Taranaki Daily News. The Safe Community Programme Manager gave a radio interview which was run on the news prior to, and after, the event.</p> <p>Article on the event was included in the September issue of NPiS Update newsletter. Story also submitted to IP News and IPNANZ Update newsletters.</p> <p>Story published in Taranaki DHB Pulse Magazine for November 2009 issue.</p> <p>A DVD of the event was created and circulated to all organisations involved. The DVD will be used at future seminars and conferences. A small clip from the Business House Challenge is also available on You Tube via the Safe Taranaki website (www.safetaranaki.org.nz/workplace).</p> <p>NPiS Safe Community Programme Manager presented to a workplace safety group in Rotorua in October on Trades</p>

	Apprentice Challenge and Business House Challenge. Bay of Plenty are considering running similar events for local trainees/ apprentices.
Tips for others considering running a similar events...	
	<p>This is a labour intensive event that needs a lot of involvement from experienced individuals to design, deliver and assess the safety activities.</p> <p>Taranaki benefits from the availability of a specially designed training centre (HSE Centre) where certain areas are already set up to accommodate activities (e.g. scaffolding). However, it could be possible to adapt an existing workplace to cater for the activities. Some of the tasks, such as chemical handling, fire safety and road safety do not need special areas as such. As long as the appropriate equipment (PPE, fire extinguisher, laptops, etc) are provided then the activity could be run anywhere.</p> <p>Note that certain activities may need access to running water (for cleaning equipment) or electric (e.g. to run a laptop).</p> <p>Activities can be adapted or changed completely to suit different age groups and interests. The main thing to note is that activities should ideally be fun and engaging, and suitable for a team to take part in. They should also be challenging so that participants learn new things during the process.</p>

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Photos from the day...



Fire Safety



Chemical Handling



Hazard Identification



Fatal Vision



Physical Fitness



Ladders & Tools



Road Safety



Child Restraints



First Aid



Personal Safety



Quick Fire Quiz



Prize-Giving