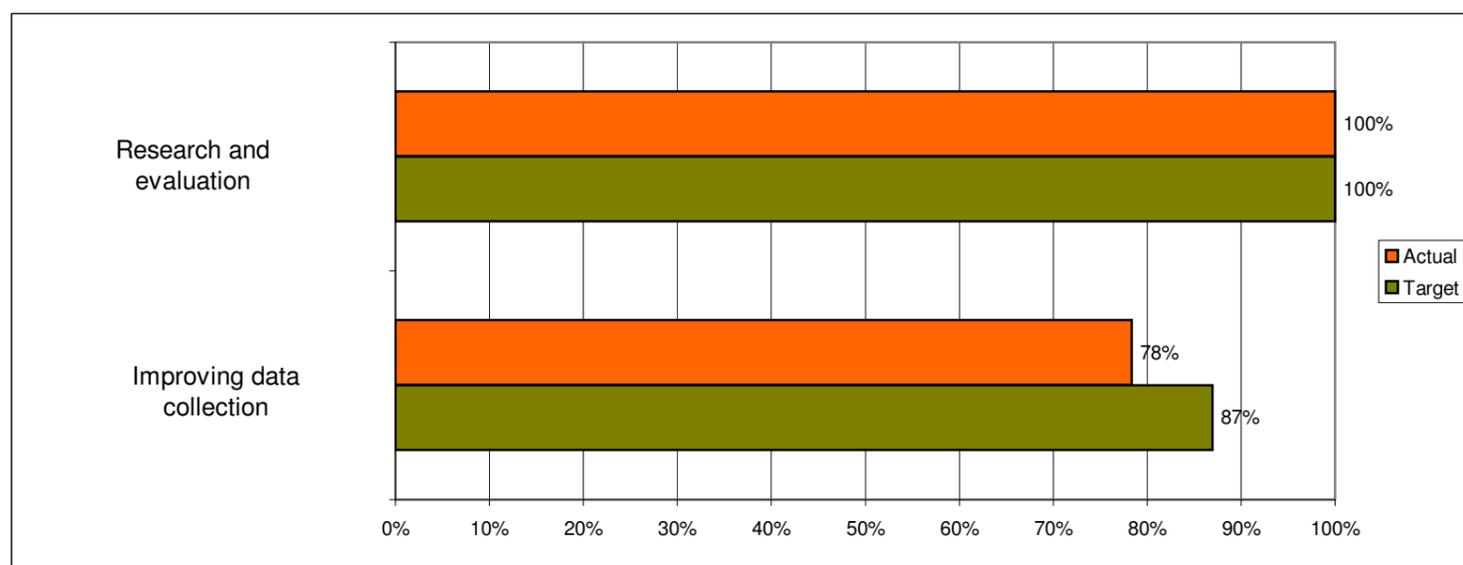


Attachment 2 - Key Focus Area Progress Reports

Victoria's Road Safety and Transport Strategic Plan for Powered Two Wheelers 2009-2013

December 2011 Progress Report

Key Focus Area: Increasing Knowledge and understanding



Approach	Actions	Progress to date	Principal Agency	Start Date	Target Completion Date
Improving data collection	Improve the collection, collation and exchange of PTW crash data through better interagency liaison.	<p>COMPLETE</p> <ul style="list-style-type: none"> An interagency committee was set up involving the Transport Accident Commission (TAC), VicRoads and Victoria Police to discuss current PTW crash data issues and identify possible solutions. Meetings were held in October 2009, February 2010 and June 2010 and a range of possible improvements have been referred to the Traffic Incident System Data Quality Group for further consideration and action as appropriate.. 	VicRoads	1-Oct-09	COMPLETE
Improving data collection	Collect data on PTW use, including travel patterns, reasons for trips taken, common routes taken, modal shifts for commuting, types of vehicles, etc.	<ul style="list-style-type: none"> 'Motorcycle Travel Behaviour in Victoria' report being reviewed for release by June 2012. Initiated a review of VicRoads motorcycle traffic data holdings & collection methods to identify improvement opportunities. Research project underway - "A systemic model to underpin enhanced management of powered-two-wheelers as part of a safe, sustainable transport system" as part of an Australian Research Council (ARC) Linkage Grant with Monash University, VicRoads, Department of Transport & TAC. Agreement reached with EastLink to share vehicle classification data including details of motorcycle use. 	VicRoads	1-Sep-09	30-Jun-13

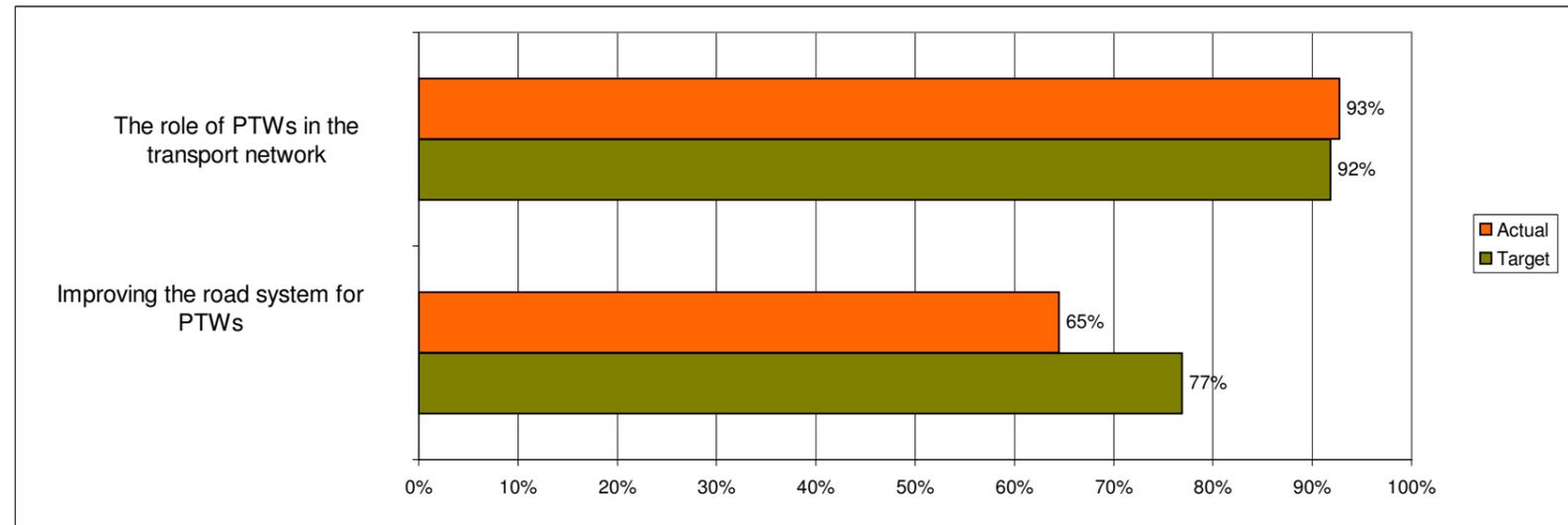
Improving data collection	Disseminate research and evaluation findings through conferences, seminars, journals and the media.	<p>COMPLETE</p> <ul style="list-style-type: none"> • Publication of motorcycle safety papers in the Journal of the Australasian College of Road Safety Special Edition on Motorcycle and Scooter Safety (November 2009) and in Accident Analysis & Prevention (January 2010) • Presentations at the 9th National Conference on Injury Prevention and Safety Promotion (July 2009), RoadSafe Conference (October 2009), and Australasian Road Safety Research, Policing and Education Conference (November 2009, September 2010) and the Australasian College of Road Safety Seminar (May 2010) • Developed an enhanced distribution list of key motorcycle stakeholders and utilised to assist information dissemination. • Presentation of 'Making Roads Motorcycle Friendly – Build to Survive the Ride' at the Australasian Road Safety Research, Policing and Education Conference (September 2010) • Presentation of 'Road Maintenance and Motorcycle Safety' at the 6th Australian Road Engineering & Maintenance Conference (March 2011) • Provided update to the Organisation for Economic Co-operation and Development (OECD) on Victorian safety initiatives (March 2011) • Presentation to Victorian Motorcycle Advisory Council on "Research into Road Space Initiatives" (Feb 2011). • PTW and Sustainable Transport Workshop with key stakeholders (Jun 2011) • Resource Papers developed for the PTW and Sustainable Transport Workshop: Ownership & Use, Safety, & Environmental Impacts (Jun 2011) • Ebikes & Transportation Policy - Insights from Early Adopters paper submitted for TRB Conference (Oct 2011) • Presentations from Prof. Perini (University of Florence) on "Safer Urban Motorcycling - eSum Project" (Dec 2011) Ebikes & Urban Transportation paper submitted to Transportation journal (Dec 2011) • Participation in the OECD / ITF working group 	VicRoads	1-Sep-09	COMPLETE
Research and evaluation	Develop a coordinated program of research projects, and where appropriate, collaborate with other states and territories, national bodies and researchers internationally.	<p>COMPLETE</p> <p>A project to identify current motorcycle research projects (nationally and internationally) and identify gaps has been completed and a final report received. Participating partners in an Australian Research Council (ARC) Linkage Grant for "Managing increasing challenges in motorcycle safety: strengthening research evidence for effective policy and countermeasure development" involving Monash University, VicRoads, Transport Accident Commission, Department of Justice, Victoria Police and Victorian Automobile Chamber of Commerce. Participating in an Australian Research Council (ARC) Linkage Program Project "A systemic model to underpin enhanced management of powered-two-wheelers as part of a safe, sustainable transport system". TAC participating partner in the University of New South Wales "Pedal and Motorcycle Helmet Performance Study" .</p>	VicRoads	1-May-10	COMPLETE

Research and evaluation	Investigate ways of maximising resources devoted to PTW research through greater collaboration and networking between researchers and research organisations.	<p>COMPLETE</p> <p>A project to identify methods through which resources could be maximised is currently being conducted. A final report has been received.</p>	VicRoads	1-May-10	COMPLETE
Research and evaluation	Liaise with other states and territories and national bodies to ensure PTW research is included as a key focus for road safety and transport conferences and forums.	<p>COMPLETE</p> <p>A motorcycle specific Australasian College of Road Safety seminar organised and held on 10 May 2010.</p> <p>A motorcycle safety workshop was held at the 2010 Australasian Road Safety Research, Policing and Education Conference (September 2010) in Canberra.</p> <p>A paper was presented at the 6th Australian Road Engineering & Maintenance Conference in Melbourne in March 2011.</p> <p>Researchers conducting motorcycle research for VicRoads present findings at suitable conferences and prepare papers for publication in prestigious road safety and public health journals.</p>	VicRoads	1-Feb-10	COMPLETE

Victoria's Road Safety and Transport Strategic Plan for Powered Two Wheelers 2009-2013

December 2011 Progress Report

Key Focus Area: PTWs in the transport network



Approach	Actions	Progress to date	Principal Agency	Start Date	Target Completion Date
The role of PTWs in the transport network	Conduct research into both the road safety and transport impacts of road space management opportunities, such as lane filtering, advanced stop lines and use of bus and transit lanes to identify possible initiatives for trialling. This will include monitoring developments internationally.	<p>COMPLETE</p> <p>Research project considering the road safety and traffic operational impacts of potential road space management opportunities for motorcyclists has been completed. The study considered road safety, traffic operational issues, enforcement, and the impact on other road users and traffic flow.</p> <p>Additional Work</p> <p>Trial of motorcycles using a bus lane is underway in Hoddle Street, Collingwood. Trial to be completed by June 2012.</p>	VicRoads	1-Nov-09	COMPLETE
The role of PTWs in the transport network	Analyse and disseminate data collected by the 2007 Victoria Integrated Survey of Travel and Activity (VISTA07) and through other research on PTW use.	Data analysis completed. Draft 'Motorcycle Travel Behaviour in Victoria' report being reviewed for release by June 2012.	VicRoads	1-Sep-09	30-Jun-12
The role of PTWs in the transport network	Collate and disseminate information on the fuel efficiency and emissions of P2Ws, and develop advice on eco-riding.	A literature review of fuel efficiency and emissions of PTWs has been conducted. The review identified technical issues with the accuracy of current information on fuel efficiency and emissions and the need for a national standard on motorcycle emissions before this action can be implemented. The Monash University Australian Research Council (ARC) Linkage Project 'A systemic model to underpin enhanced management of powered-two-wheelers as part of a safe, sustainable transport system' has the potential to address information gaps and help guide the future direction of this action.	Department of Transport	1-Jan-10	31-Dec-13
The role of PTWs in the transport network	Promote the introduction or wider application of alternative fuels, low emission technology vehicles and technologies that have overall environmental and energy efficiency benefits.	Insights into the needs and issues associated with electric P2Ws may be gained through Department of Transport's Electric Vehicle (EV) Trials launched on 15 January 2010. Federal Chamber of Automotive Industries (FCAI) invited to represent the motorcycle manufacturers. Benchmarking of the City of Melbourne's experiences with electric P2Ws will be a primary information source.	Department of Transport	1-Jan-10	31-Dec-14

The role of PTWs in the transport network	Work with other Governments through national forums to develop standards for motor vehicle emissions and fuel quality.	COMPLETE The Department of Transport has sought guidance on rating new models of P2Ws at the Environment Standing Sub Committee (ESSC) meeting on 3 March 2011. The Committee noted that the problems with implementing a testing standard for P2Ws are due to the relatively minimal impact of this group of vehicles from a greenhouse gas perspective relative to that of other vehicles, and thus relative costs of implementation would be prohibitive. This view is supported by the absence of emissions reg's for P2Ws globally. Based upon this advice/evidence and the absence of a case for regulation this item is complete.	Department of Transport	1-Feb-11	COMPLETE
The role of PTWs in the transport network	Evaluate the utilisation of existing parking spaces for PTWs at transport hubs to identify if there is a need for more spaces.	A report "Powered Two-Wheeler Parking at Train Stations - Availability and Utilisation" is due in Feb 2012. Additional information may emerge from the ARC project to address information gaps. Remaining information gaps will be addressed through a comprehensive Origin-Destination Survey, which will be modified to include PTW use in 2012.	Department of Transport	1-Jan-10	31-Dec-12
The role of PTWs in the transport network	Promote the availability of parking spaces for PTWs at transport hubs.	The project will be informed by the actions to 'evaluate the utilisation of parking spaces for P2Ws' and 'review of guidelines for P2W parking'.	Department of Transport	1-Jul-10	31-Dec-12
The role of PTWs in the transport network	Review the guidelines for PTW parking in light of international best practice.	COMPLETED Study completed and disseminated to local and interstate stakeholders. Opportunities to improve guidelines are being investigated.	VicRoads	1-Feb-10	COMPLETE
The role of PTWs in the transport network	Work across state and local government to ensure PTWs are considered in policy development and transport planning.	Web-based article on the PTW Plan prepared and forwarded to key State Government stakeholder agencies for placing on their intranet sites. Local Council staff attended 2009 Motorcycle Forums. Local Councils included on motorcycle information distribution lists. Article MAV Journal (August 2010). Hoddle Street motorcycles in bus lane trial informing policy development (Oct 2011 - June 2012). VicRoads contributes to City of Melb Motorcycle Committee meetings (Quarterly).	VicRoads	1-Sep-09	31-Dec-12
The role of PTWs in the transport network	Work with professional associations of engineers and transport planners to increase awareness of PTW specific safety and transport needs.	COMPLETE A seminar on Making Roads Motorcycle Friendly was held on 6 September 2010 targeting professionals involved in planning, development, design, construction and maintenance of road infrastructure. An article was published in the August 2010 'Municipality' journal. A paper was presented at the 6th Australian Road Engineering & Maintenance Conference in Melbourne in March 2011.	VicRoads	1-Feb-10	COMPLETE
Improving the road system for PTWs	Continue ongoing monitoring of sites that have been treated to improve PTW safety.	COMPLETE VicRoads continues to review motorcycle blackspot sites (treated and new) to identify sites requiring further treatment.	VicRoads	1-Sep-09	COMPLETE

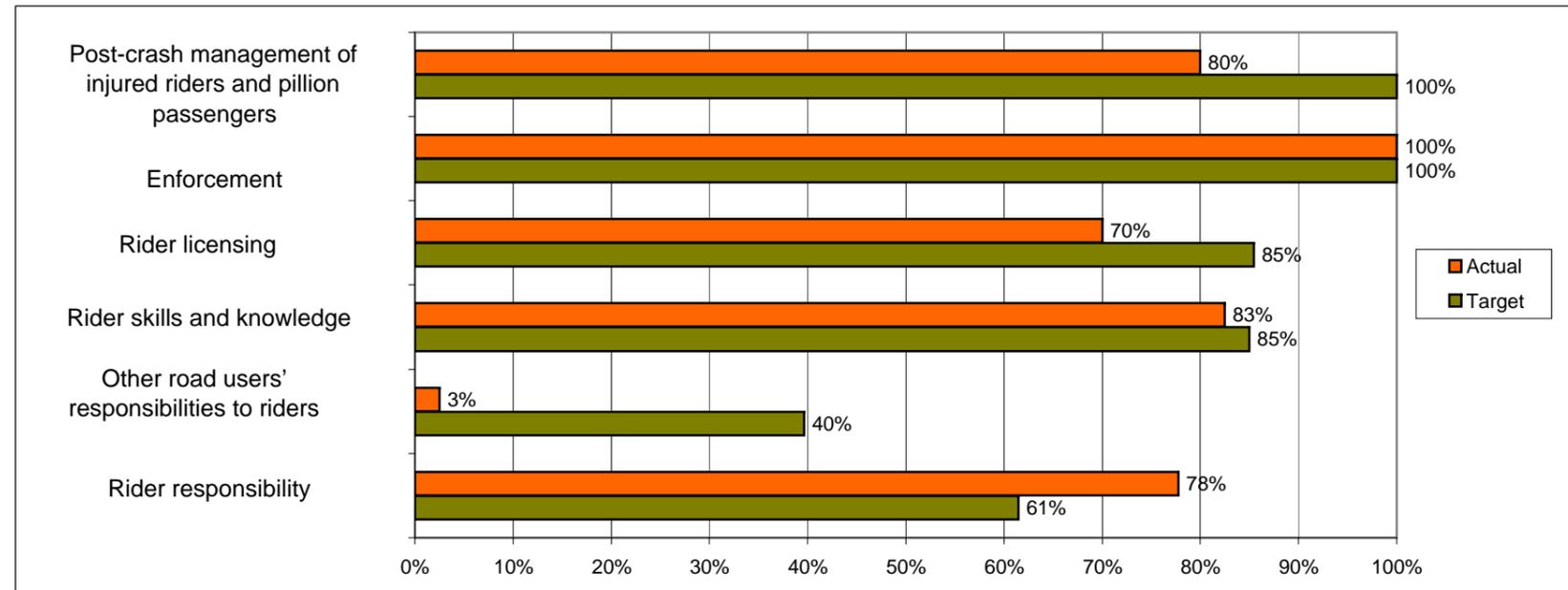
Improving the road system for PTWs	Continue to identify, trial and implement new treatments, products and practices that will improve PTW safety.	<p>Trials in progress include:</p> <ul style="list-style-type: none"> • 10 sites treated with barrier protection (including on guard rail and wire rope barrier), including a site treated with high-visibility WRB post protection • 4 sites treated with motorcycle friendly products (including frangible signs and posts) • additional sites treated with 'Rubrail' - metal sheeting under guard rail. <p>New products under review.</p> <p>Development of a product review and acceptance process.</p> <p>A trial of the "Where you Look Is Where You Go" treatment is has been completed. Awaiting report of data analysis.</p> <p>Report on feasibility of increased use of fully controlled right turn phase at intersections to reduce motorcycle crashes completed.</p> <p>Report on investigating technologies at intersections to reduce motorcycle crashes completed. Recommendations will be considered for possible future trialling.</p>	VicRoads	1-Jan-09	31-Dec-11
Improving the road system for PTWs	Review the extent to which existing Road Management Plans (RMP) address road surface maintenance to ensure consideration is given to the specific needs of PTW users.	Specific needs of PTWs were considered in a 2010 review of VicRoads Road Management Plans. Article in the MAV Journal (August 2010) highlighting the need for local councils to consider PTWs in RMPs. VicRoads Motor Cycle Notes being reviewed and updated. Motorcycle Notes on Steel Trench Covers drafted.	VicRoads	1-Nov-09	31-Dec-12
Improving the road system for PTWs	Conduct seminars and distribute materials on the need to adopt more PTW friendly engineering products, practices and maintenance procedures targeting local government, VicRoads, road design and construction contractors, and utility providers (public transport, electricity, gas, water and telecommunications).	<p>COMPLETE</p> <ul style="list-style-type: none"> • 12 seminars were delivered at the VicRoads head and regional offices in 2009, with over 200 people in attendance. Additional seminars were conducted in 2010-11 at local councils and Making Roads Motorcycle Friendly (MRMF) content is delivered as part of the Road Safety Engineering Workshops held at VicRoads three times a year. An evaluation of MRMF was completed in June 2010. • Papers on MRMF have been presented at road safety conferences including the RoadSafe Conference (2009), the Australasian College of Road Safety Seminar (2010), the Australasian Road Safety Research, Policing and Education Conference (2010) and the Australian Road Engineering and Maintenance Conference (2011). Issues also referenced in article published in the August 2010 'Municipality' magazine. • Options for ongoing support of the MRMF program were endorsed by the Victorian Motorcycle Advisory Council (VMAC) in March 2011. 	VicRoads	1-Feb-09	COMPLETE
Improving the road system for PTWs	Liaise with tertiary institutions delivering engineering courses to include content on PTW friendly engineering products and practices and maintenance procedures in relevant courses.	<p>COMPLETE</p> <p>A meeting with representatives of tertiary institutions was held in February 2010 to outline a range of motorcycle issues, including introducing motorcycle friendly engineering products, practices and maintenance in relevant courses. Three seminars have been delivered to university students and assignment materials have been developed and distributed to universities for undergraduate engineering students.</p>	VicRoads	1-Feb-10	COMPLETE

Improving the road system for PTWs	Liaise with professional associations to seek their support for the promotion of seminars and courses about improving road design, construction and maintenance practices that will improve motorcycle safety.	COMPLETE A number of professional associations were invited to attend a Making Roads Motorcycle Friendly seminar in December 2009. A second seminar on Making Roads Motorcycle Friendly (MRMF) was held on 6 September 2010, targetting professionals involved in planning, development, design, construction and maintenance of road infrastructure including representatives from Engineers Australia and the Institute of Transport Engineers. MRMF presentation was included in the VicRoads Road Safety Engineering workshop that was held on three occasions during 2011. This workshop is participated by professionals from VicRoads, Local Government, Victoria Police and other professional agencies in Road Safety arena.	VicRoads	1-Feb-10	COMPLETE
Improving the road system for PTWs	Promote recognition of PTW transport planning best practice across state and local government via articles in professional journals and magazines.	An article was prepared for the August 2010 edition of the 'Municipality' journal. Additional articles are planned following completion of Strategic Action Plan projects.	VicRoads	1-Jan-10	31-Dec-12
Improving the road system for PTWs	Ensure road safety audit methodologies and training for engineers address PTW safety issues.	COMPLETE PTW safety issues are now included (since early 2009) in VicRoads' road safety audit training program.	VicRoads	1-Jan-09	COMPLETE

Victoria's Road Safety and Transport Strategic Plan for Powered Two Wheelers 2009-2013

December 2011 Progress Report

Key Focus Area: Rider and Pillion Passenger Safety



Approach	Actions	Progress to date	Principal Agency	Start Date	Target Completion Date
Rider responsibility	Continue to disseminate materials that are designed to improve the awareness amongst riders and pillion passengers of their vulnerability in a crash, and their need to take responsibility to manage the risk associated with on-road riding.	Materials disseminated at Motorcycle Grand Prix (2011). The TAC public education campaign (Risk and Responsibility), which highlights behaviours that put riders at risk, including speeding, lane splitting and not wearing protective clothing ran in October 2011. The campaign included a television, online and outdoor advertising. Continued distribution of various safety related material to 150+ retailer outlets. The latest Retailer visitation program was conducted in February 2011. The TAC, in partnership with VicRoads, has commenced a pilot testing program for protective clothing. The ultimate aim of the program is to provide independent test results to motorcyclists.	TAC	1-Sep-09	COMPLETE
Rider responsibility	Identify methods for encouraging the media to depict safe PTW riding practices and not irresponsible behaviours.	COMPLETE Consultation with the PTW industry, rider clubs and government departments has been conducted and identified methods for encouraging the media to depict safe riding practices and not irresponsible behaviours. Additional work has now commenced on implementation of identified methods.	VicRoads	1-Jul-10	31-Dec-12
Rider responsibility	Engage with riders' associations, clubs, and the PTW industry and media to promote safety to riders and discourage irresponsible riding.	Consultation with the PTW industry, rider clubs and government departments has been conducted to identify methods for encouraging the media to promote safety to riders and discourage irresponsible behaviours. A list of recommended actions has been developed based on these consultations. The actions are currently being prioritised based on their expected level of impact on motorcyclist safety and an action plan is being developed.	VicRoads	1-Jan-12	COMPLETE

Rider responsibility	Engage with the PTW industry to develop and implement a code of conduct for retailers around encouraging buyers to choose vehicles suited to their level of skill and experience, as well as to wear appropriate protective riding gear.	Consultation with the PTW industry (including FCAI), rider clubs and government departments has been conducted to identify recommended methods for encouraging buyers to choose vehicles suited to their level of skill and experience, as well as to wear appropriate protective riding gear. A list of recommended actions has been developed based on these consultations. The actions are currently being prioritised based on their level of impact on motorcyclist safety and an action plan has been developed.	VicRoads	1-Jun-10	30-Jun-12
Other road users' responsibilities to riders	Identify the direction for further research to improve awareness of PTWs and the judgments made by drivers that impact on safety for riders and pillion passengers, particularly at intersections.	Brief to be prepared.	VicRoads	1-Jan-12	30-Jun-12
Other road users' responsibilities to riders	Promote to heavy vehicle drivers and fleet operators the potential hazards to PTW riders, and other road users, caused by oil leakages onto the road surface.	The Transport Industry Safety Group (TISG) will be approached to develop information on the issue.	VicRoads	1-Feb-10	31-Dec-12
Rider skills and knowledge	Implement a large-scale trial program designed to improve rider skills and knowledge that involves: * consideration of the skill and development needs of different rider groups; * a focus on practical on-road coaching; * a comprehensive evaluation to assess impact and effectiveness.	Delivery of a large-scale randomised control trial of an on-road program, VicRide: on-road coaching commenced in June 2010. The program is aimed at novice riders and follows them up through surveys over a 12 month period. Around 1300 of 2000 novice riders have been recruited to participate in the trial.	VicRoads	1-Jan-09	30-Jun-12
Rider skills and knowledge	Develop and pilot a program targeting riders returning to riding after a break, that considers the specific skill and development needs of this group.	Completed literature review and research investigating the skill, knowledge and attitude deficiencies of returning riders. A report has been presented to VicRoads for review. No substantive difference in skill or knowledge was found between returning riders and other riders indicating a need for a specialised training program for returning riders. The direction of this action is being reviewed.	VicRoads	1-Aug-08	30-Dec-14
Rider skills and knowledge	Continue research to identify the factors influencing rider hazard perception and response, including differences between experienced and inexperienced riders, and their implications for development of a PTW hazard perception training tool.	Further primary research in Australia is constrained by the availability of appropriate simulation capacity. A project to review current knowledge and recommend next steps has commenced. An expert workshop was held in November 2010 to discuss the initial findings. A final report received in December 2010 contained possible options for the introduction of hazard perception training and testing measures. The costs and benefits of these options were investigated in early 2011. The future direction has been reviewed in light of motorcycle GLS research and a plan is being developed for implementation of recommended measures.	VicRoads	1-Jul-10	COMPLETE
Rider skills and knowledge	Develop multimedia products designed to raise the awareness of PTW riders of the risks associated with different riding conditions and road environments.	RideSmart - CD ROM training product continues to be provided to riders free of charge. RideSmart is currently being redeveloped for on-line delivery.	TAC	1-Oct-09	31-Dec-11
Rider licensing	Review the licensing and training system for PTWs and identify opportunities for improvements, including: * developing a strategy to strengthen the graduated licensing system (GLS) for PTWs, including strengthening pre-licence training * removing inconsistencies that exist between the current GLS for car drivers and the existing licensing system for riders * the feasibility of alternative licensing requirements for scooters and/or mopeds (low capacity motorcycles and scooters).	COMPLETE A report reviewing the licensing and training system for PTWs and identifying opportunities for improvements has been completed. A discussion paper seeking community feedback on options to improve the motorcycle graduated licensing system was released on 2 September 2010. The community consultation concluded on 29 October 2010. Responses have been analysed and a recommended policy is being developed for Government consideration. The new GLS with hazard perception components is in development.	VicRoads	1-Feb-09	31-Mar-12

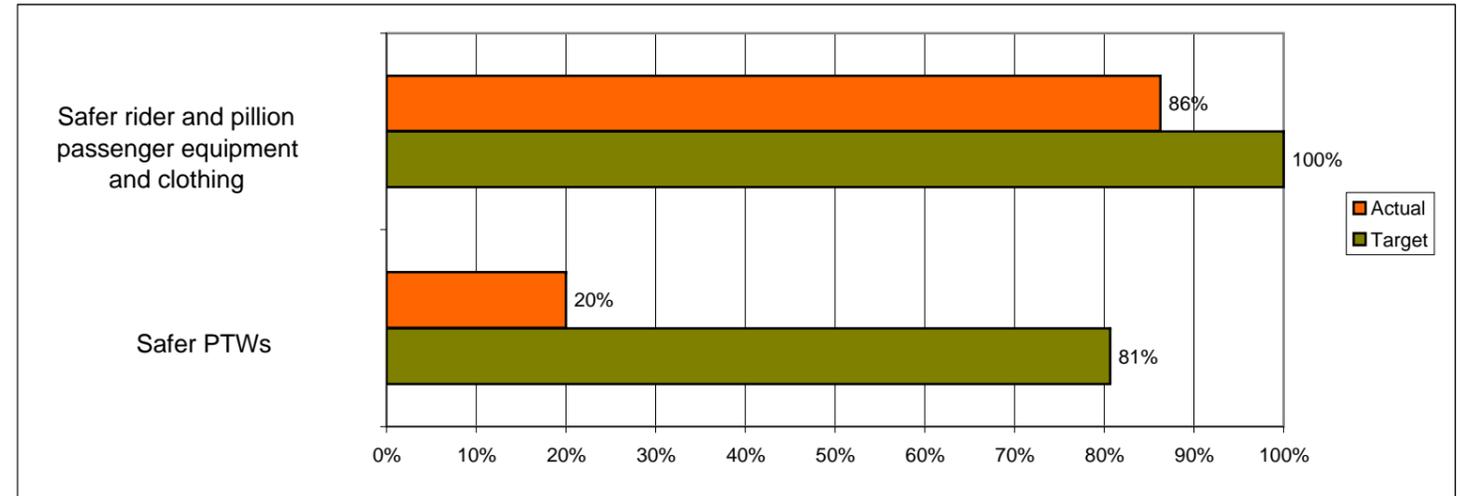
Rider licensing	Establish a process for auditing of training and licensing providers to ensure quality and consistency in delivery.	COMPLETE Audit and compliance activities are conducted on all motorcycle accredited providers. Audits and surveillance activities focus on safety, confidentiality, testing, reporting, insurance and indemnity and training. Reports are provided on a monthly and quarterly basis. An accredited provider reference group has been established, and are meeting quarterly to advise on motorcycle training and licensing matters with a view to improving quality and consistency in delivery.	VicRoads	1-Jul-06	COMPLETE
Rider licensing	Implement the delivery of the motorcycle licence knowledge test via computer technologies in all training and licensing providers.	Delivery of this action is dependent on the introduction of RandL (a business transformation program that will in part replace the VicRoads' registration and licensing systems). Although the project has been delayed, computer licence testing has been made a priority for early implementation. This will include delivery to accredited motorcycle providers. The timeframe for implementation to accredited motorcycle providers is still to be determined.	VicRoads	1-Feb-09	COMPLETE
Enforcement	Improve targeted enforcement to reduce the incidence of high-risk and inappropriate behaviours, including unlicensed riding, use of unregistered PTWs, riding under the influence of alcohol and/or drugs, and riding without helmets.	COMPLETE The intelligence and targeted operations are reflected in the Yellow Flag Black Flag operation (see 'Implement a community policing and education project' below for more details). Ongoing intelligence assessments continue to be captured by the Operations Support Division road policing analyst.	Victoria Police	1-Aug-09	31-Mar-14
Enforcement	Implement a community policing and education project featuring statewide and regional activities that will target both riders and drivers who exhibit risk taking behaviours that jeopardise PTW safety.	COMPLETE Program has now completed its second year of operation. First year establishment achieved the target number of operations (50 Regionally based & 5 state-wide operations) and achieved key milestones outlined in the Memorandum of Understanding between VicPol and VicRoads. The second year (2010) exceeded expectations with 56 regional and 8 state-wide Yellow Flag Black Flag Operations conducted. The project has now been extended until 30-Jun-2011. The evaluation of the project by Adelaide University is complete.	Victoria Police	1-Jan-09	COMPLETE
Enforcement	Review penalties for illegal high-risk activities to ensure there is sufficient deterrence to offending.	COMPLETE Review of financial penalties undertaken to ensure consistency and alignment with the safety risks of similar offences. New financial penalties imposed from 9 November 2009.	VicRoads	1-Nov-08	COMPLETE
Enforcement	Develop and trial approaches to dealing effectively with unlicensed riders and those riding unregistered PTWs.	COMPLETE Automatic Number Plate Recognition is being rolled out throughout Victoria with targeted operations being conducted in relation to all motor vehicles including motorcycles. The ANPR program continues and has six out of ten recognition vans targeting unlicensed and unregistered offences. The final four ANPR systems are awaiting procurement and installation prior program completion. VicPol Solo Unit Action Plans contain measurable items such as unlicensed and unregistered offences to specific high offence locations. This is now treated as business as usual and as an ongoing concern.	Victoria Police	1-Aug-09	COMPLETE

Post-crash management of injured riders and pillion passengers	Work with first aid training providers to include non-professional first responder first aid rider management techniques in training courses.	VicRoads has assessed tenders to investigate the potential to enhance emergency response to motorcyclists involved in crashes. Evaluation of the effectiveness of provision of first responder first aid rider management techniques in training courses will be conducted as part of this project. The contract has been awarded. A Literature Review and analysis of data has commenced. Completion schedule is mid 2012.	VicRoads	1-Jun-11	COMPLETE
Post-crash management of injured riders and pillion passengers	Ensure licensing materials include specific information about crash scene management of injured riders and pillion passengers.	COMPLETE Text has been included on motorcycle crash scene management in the November 2009 re-print of Road to Solo Driving.	VicRoads	1-Sep-09	31-Dec-11

Victoria's Road Safety and Transport Strategic Plan for Powered Two Wheelers 2009-2013

December 2011 Progress Report

Key Focus Area: Safer PTWs and rider equipment



Approach	Actions	Progress to date	Principal Agency	Start Date	Target Completion Date
Safer PTWs	Engage with the PTW industry to ensure the importation of vehicles with safety features, such as anti-lock braking systems and integrated braking systems.	An environmental scan of the motorcycle industry has been completed. A technical literature review of current research into motorcycle anti-lock braking systems (ABS) has been completed which has indicated that motorcycle ABS is likely to provide a road safety benefit. This work will help to provide the foundations of consultation with the PTW industry aimed at identifying barriers to the uptake of motorcycles ABS.	VicRoads	1-Dec-09	30-Jun-12
Safer PTWs	Engage with the PTW industry to identify barriers to uptake of safety features by riders and develop approaches to overcome these.	An environmental scan of the motorcycle industry has been completed. A technical literature review of current research into motorcycle anti-lock braking systems (ABS) has been completed which has indicated that motorcycle ABS is likely to provide a road safety benefit. This work will help to provide the foundations of consultation with the PTW industry aimed at identifying barriers to the uptake of motorcycles ABS.	VicRoads	1-Dec-09	30-Jun-12
Safer rider and pillion passenger equipment and clothing	Promote the use of protective clothing through various avenues, including the SPOKES website and promotion at key motorcycling events, such as the MotoGP.	COMPLETE The TAC had a stand at, and included messages in promotional material for the 2011 MotoGP. The Spokes.com.au website continues to be updated with relevant information about protective clothing. A TAC public education campaign targeting riders ran in October 2011, the campaign highlighted behaviours that put riders at risk, including not wearing protective clothing.	TAC	1-Jul-09	COMPLETE

Safer rider and pillion passenger equipment and clothing	Consider if gaps exist in communications around protective clothing and, if so, develop appropriate measures to address these.	<p>COMPLETE The motorcycle protective clothing communications audit was completed in 2009. Recommendations from the audit have been prioritised along with a range of other actions arising from the PTW Plan. A TAC public education campaign targeting riders was aired in late 2010, the campaign highlighted behaviours that put riders at risk, including not wearing protective clothing.</p> <p>Police reinforced protective clothing messages through Community Policing and Enforcement project.</p>	VicRoads	1-Jan-09	COMPLETE
Safer rider and pillion passenger equipment and clothing	Continue to develop a 'star' rating system for protective clothing and conduct a pilot project.	VicRoads and the TAC have joined a national working party to consider the costs and benefits of implementing an evaluation program to test motorcycle protective clothing. The TAC is also currently developing protective clothing testing protocols. Garments have been sent to the UK to establish costs of a testing program.	TAC	1-Jan-10	31-Dec-11
Safer rider and pillion passenger equipment and clothing	Monitor international research into improved conspicuity for PTWs and riders.	<p>COMPLETE</p> <p>A review of international motorcycle safety research commenced in late 2010 and has been ongoing.</p>	VicRoads	1-Jan-10	COMPLETE