Edited by Cleopatra Veloutsou

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### **Table of Contents**

13.	12.	<u> </u>	10.	<u>،</u> مر	<i>د.</i> ه	ė,		'n	<del>4</del> .	ယ့	'n		List o
Section Three: Financial and Accounting Issues An Investigation into the Impact of Investment Appraisal Techniques on the Profitability of Small Manufacturing Firms in the Nelson Mandela Metropolitan Bay Area of the Eastern Cape Province of South Africa Okubena, O.	V. and Pedigo, K. how SMEs Protect their Innovations	Women Entrepreneurship in China  Deng, S., Wang, X. and Xiao, D.  Voluntary or Involuntary? Legal and HR Implications for an  Occupational Health and Safety Voluntary Code of Practice for SMEs	Characteristics of	Elayoubi, M.  Iffusion in Family Business Succession	Es	Technological Innovation, Aggregate Fluctuations and Employment (Hours)  Anyalezu, N.K.G.	Section Two: Management and Employment	The Role of Small and Medium Sized Enterprises in Pevelopment of Lithuanian Foreign Trade Bernatonyte, D. and Normantiene, A.	Valve Implications of the Degree of Market Penetration: The Case of Israeli Strart-up Ventures	A Critical Evaluation of Alternative Growth Strategies for SME's Experiencing the 'Plateau Effect'  Herdman, W.L.	A Re-examination of Firm Size in Technology Commercialization: The Canadian Expereince Percent 4	Section One: Size and the Development of SMEs	List of Contributors  1. Introduction  Veloutsou, C.
165	149	137	121	109	87	69		55	33	19	7		<del>-</del>

		;
14.	Development and Financing of Small Enterprises in Rural Areas of Latria	179
5.	iglite, A. and Business Start-up financing in China's	189
16.	rises ng Standardization in Europe is a Need?	207
CO.	וויסח געשטי, ה. Section Four: The Environment and Policy Making for the SMEs	
17.		223
		3
18.	eneurship: The Case of South Africa	753
19.	Issues on Small Business Enterprise of Orang Ash Aborigines in Pahang, Malaysia	64
20.	Jamak, A.B.S.A., Md Eusof, A.J. and Sivapalan,S. Transistion Paradoxes: Enterprise and Policy does not Promoting its Level in Lithuania	267
21.	Solnyskiniene, J. The Impact of the New Europe on CEE SME's: A Hungarian Perspective	279
22.	Mayer, C.S.  The Corporate Manslaughter and Corporate Homicide Act 2007: Some Implications for Small and Medium Sized	291

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Enterprises Dobson, A.

### Introduction

Cleopatra Veloutsou

e all start small and most of us aspire to become big. For years, most of the research was focusing on the big and established companies that have a turnover of millions of Euros/dollars/ pounds. However, the future of an economy and the growth potential is often hidden in smaller firms that will grow and will contribute in the development of the market in an innovative manner. It is like the potential future giants of the economy. Therefore, the issues that these firms are facing should not be neglected and help should be always provided in these firms. The academic literature has recognised this, and over the years it seems that there is an increasing interest in the study of entrepreneurship as a stand point and of small and medium sized enterprises.

This book is a collection of the work of researchers who presented their original work in two different academic conferences held in Athens Greece in

This book is a collection of the work of researchers who presented their original work in two different academic conferences held in Athens Greece in 2008. Academics all over the planet visited Athens to participate in meetings organised by the Athens Institute of Education and Research (ATINER). The participants are exchanging ideas and presented their work. This particular collection consists from peer reviewed papers that were presented in their earlier form mostly at the 5th International Conference on Small and Medium Sized Enterprises: Management - Marketing - Economic Aspects, but also at the 2<sup>nd</sup> International City Break Conference. What these twenty one papers have in common and made them appropriate for this collection is that they are all touching a topic related to issues linked with small and medium size companies. The papers are organised in five sections.

Section one consists of four papers and is focusing on the Size and the Development of SMEs. Persaud is questioning whether medium sized firms actually accelerate the pace of commercialisation in the economy and suggests that empirical work in needed in the field. Alternative growth strategies for SMEs are then reviewed by Herdman, who also acknowledges barriers to exit the market. Gavious and Schwartz are investigating market penetration of startup ventures and whether this information is influencing investors. Finally Bernatonyte examines the role of SMEs in exporting and developing foreign trade in Lithuania.

Section two is dealing with Management and Employment and consists of four papers. In the first paper of this section, Anyalezu uses 2 identifying

innovation on a technological aspect. Then Suryani is using a case study approach to explore the perspective on owners-managements towards leadership and suggests that the perspective on owners-managements towards leadership and suggests that the perceptions in Indonesia are similar in many ways to the perception of entrepreneurs in western countries. Decaudin, and ways to the perception of enterpreneurs in western countries. Decaudin, and Elayoubi are then examining how experts can be used to support the development of SMEs. Staying in the same theme of managers and SMEs, Haldin-Herrgard is focusing on the way that knowledge is transferred between the staning. Deng, Wang and Xiao are examining women entrepreneurs in China and are looking on the external environment characteristics that may have an effect on them. Then Marshall and Pedigo are trying to find out how much organisations in the construction industry in Australia know about the safety issues within a statutory context. Finally, Mol is arguing that SMEs

should protect their innovations end explores ways that they do it formally. Financial and Accounting Issues are discussed in section three, which consists of three paper. Okubena is using data from South African and investigating the impact of investment appraisal techniques on the profitability of small manufacturing firms. Kantike and Egilte are focusing on the development and the financing of small firms in rural areas of Latvia. On the other hand, Huang is actually focusing on small firms that are providing financial services and is examining social capital and customers at business start-up in this particular sector. Finally Tudor is focusing on SMEs Accounting Standards.

Making for the SMEs. Russ and Jones examine how SMEs can be supported by observed. Jamak, Eusaf and Sivapalan on the other hand, are evaluating the unchanged for many years and attempts to justify the reasons why this is ownership in terms of the race, the gender and the ethnic origin has remain regional and national development entities, to facilitate their participation at the projects and if and how they can improve the living standards of minority role and effectiveness of government-organised entrepreneurship development in Hungarian firms. Moving away the macro issues, Dobson is discussing companies. Mayer is examining the impact of the privatisation and new Europe role of the effects of the changes in the political environment on these enterprises that emerged after the privatisation in Lithuania confront and the are dealing with challenges small and medium firms faced due to changes in subcultures, such as the Orang asli oborigines in Pahang, Malaysia. Two papers Virtual Industry Clusters (IVIC). Nahlovu appreciates that in South Africa the Homicide in the UK on smaller firms. about the impact of legislation on Corporate Manslaughter and Corporate the legislation. Section four has five articles and is examining the Environment and Policy Solnyskiniene is examining some challenges that small

I certainly hope that you will enjoy the read and it was mind streaching. I are uncertain how many of the firms studied by these researchers will actually am uncertain how many of the firms studied by these researchers will actually grow, but I am always thinking that there is a possibility of that. I suppose that this is positive thinking in business terms!

I look forward seeing you in the future in conferences organised by ATINER, but in other occasions too! The universe of academia is so small really, isn'it?

1

Wright, M., Filatotchev, I., Hoskisson, R., & Peng, M. (2005). 'Strategy Research in Emerging Economies: Challengeing the Conventional Wisdom.' Journal of Management Studies, 42(1): 1-33.

Zhang, Y. (2003) Enterprise founded by entrepreneurs and its growth, Nankai University Press, Tianjin In Chinesel.
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Voluntary or Involuntary?
Legal and Hr Implications for an Occupational Health and
Safety Voluntary Code of Practice for Smes

Verena Marshall and Kerry Pedigo

afety is a major concern in the construction industry in all Western countries. The industry suffers from an exceptionally high number of fatalities and injuries (Lin & Mills 2001; Cole 2003; Behm 2005; Gangwar & Goodrum 2005; Cable 2006; Choi et al 2006), with the third highest average annual rate of fatal injuries and number of days lost per incident, after the mining industry and agriculture, forestry and fishing (Kowalski & Rethi 2003; Bajpayee et al 2004; Camm & Girard-Dwyer 2005). The majority of Australian construction firms are small businesses, with 97% of general construction businesses employing less than 20 employees and 85% employing less than five employees (Lin & Mills 2001; Lingard & Holmes 2001). Although small to medium enterprises (SMEs) make up the major portion of construction organisations in Australia, there is a paucity of published research in relation to occupational health and safety (OHS) issues for this group.

Typically, SME organisations "are frequently undercapitalized and depend on continuous cash flow for their continued business" (Cole 2003, 12). Research by Lin and Mills (2001) indicates that these factors influence the smaller operators' ability and motivation to achieve high levels of OHS compared with larger firms which tend to integrate OHS into their management systems. According to Lin and Mills (2001, 137) small firms 'do not feel the need to focus on OHS in their management systems, instead they often believe that the control of risk is the responsibility of employees'. Problems experienced by SMEs relate to statutory requirements to complete extensive formal documentation, which can be highly time-consuming and possibly stretch the boundaries of confidence for employees in very small companies.

This paper presents a brief literature review of OHS in the Australian Construction Industry, and implications for SMEs. Findings are presented from a qualitative research study that examined respondents' awareness of current safety issues in industry and their personal experiences in the SME context. The research also explores SME organisations' views towards the efficacy of a voluntary code of practice (VCOP) in relation to OHS, and ways in which SMEs might implement such a code in their businesses.

In Australia, as in other Commonwealth countries, the regulation of OHS has been relaxed over the last 30 or more years with the industry being given more latitude in assessing and controlling workplace risk (Lingard & Holmes 2001). According to Cole (2003), OHS legislation is generally fragmented and uncoordinated, with an absence of national standards governing all the States uncoordinated, with an absence of national standards governing all the States and Territories. A literature review undertaken by Pillay and colleagues (2006) and Territories. A literature review undertaken by Pillay and colleagues (2006) revealed that the different parties involved in construction projects; that is, owners, clients, architects/engineers, general contractors and sub-contractors, owners, clients, architects/engineers, general contractors and sub-contractors, owners, with little coordination between them. Under the traditional 'design-interests, with little coordination between them. Under the traditional 'design-bid-construct' project structure, subcontractors exercise the heaviest influence

over the root causes of accidents, whilst architects exercise the least.

The industry is highly competitive and characterised by unsteady remployment, and multi-disciplinary trades working simultaneously on the same work site with different contractors, many of whom represent small family businesses. Typically, workers are employed on one-off projects resulting in high labour turnover and a constantly changing work environment resulting in high labour turnover and a constantly changing work environment.

(Ringen et al 1995; Cole 2003).

(Ringen et al 1995; Cole 2003).

(Ringen et al 1995; Cole 2003).

(Roupational health and safety (OHS) concerns at the project level relate Occupational health and safety (OHS) concerns at the project well-defined mainly to the development and implementation of systematic, well-defined mainly to the development and management (Lingard & Holmes approaches towards OHS risk assessment and management (Lingard & Holmes 2001; Sakswik & Quinlan 2003). Development of closer collaboration is sought 2001; Sakswik & Quinlan 2003). Development of closer colluding clients, professional between the key parties to a construction project, including clients, professional advisors, designers, principal contractor, subcontractors and/or self-employed advisors, designers, principal contractor, subcontractors and/or self-employed advisors (Ringen et al 1995; Lingard & Holmes 2001; Loushine et al 2006). Such collaboration also seeks to facilitate the creation and maintenance of organisational cultures which value employee safety and well-being (Lingard & Holmes 2001; Cole 2003).

Processes found to be useful for encouraging workers to contribute ideas Processes found to be useful for encouraging workers to contribute ideas and suggestions include pre-construction review meetings to help identify areas of concern; "tool box" meetings during construction; and safety committees, consisting of employer representatives, workers and subcontractors and other relevant groups (Lin & Mills 2001). Smith (2005) advises that in some organisations employees rotate on the safety committee every month, to give organisations employees rotate on the safety committee every month, to give everyone a chance to participate. Examples of other participation methods used everyone achance to participate. Examples of other participation methods used by construction companies can be found in Minter (2001), Smith (2005) and

Cable (2006).

Running small construction businesses in complex industrial contexts Running small construction businesses in complex industrial contexts presents resourcing issues that may be influenced, but not necessarily shared, presents resourcing issues that may be influenced, business counterparts and stakeholders. As stated, SMEs may by their larger business counterparts and stakeholders. As stated, SMEs may be the a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resignation to OHS risks being an unavoidable part appear to have a 'fatalistic resign

of the job' (Lingard & Holmes 2001, 217).

Emerging from the above is a possible solution inherent in the concept of a 'voluntary code of practice' (VCOP), driven not by legislation but rather the

Voluntary or involuntary? Legal and Hr Implications for an Occupational Health and Safety Voluntary Code of Practice for Smes

and practicality of a VCOP for SMEs, and resultant motivation to run towards or away from its implementation. the force of legislation. The objective of this research is to explore the meaning strategies for 'best practice' or serves as a none-too-convincing veil in front of placement of the term 'voluntary' before code of practice draws attention to interpret and enact (Durham et al 2002). The question remains whether codes of practice in support of legislation may render the latter easier to construction projects (Fleming, Lingard & Wakefield 2007). The provision of framework for an appropriate allocation of responsibility for safety management actions for key stakeholders in a project, and providing concept suggests 'best practice' in the management of safety, articulating safety and health at the national level and at the level of enterprise". any other persons involved in the construction process in order to promote occupational safety and health for use by governments, employers, workers and "document offering practical guidance in the policy and standard setting in stakeholders' (Fleming, Lingard & Wakefield 2007, 3). As defined by the "...overarching aim of creating a strong safety culture among all project International Labour Office (1992, 2), a code of practice is represented as a The Ħ

### Method

In this preliminary study, face-to-face semi-structured interviews were conducted with a range of key personnel in ten (10) SMEs operating within the construction industry in Western Australia. Of this number, five interviews were undertaken with designer organisations (Designers) who had, on average, 35 employees, while a few had as little as two employees. Some of the businesses studied used up to 400 sub-contractors on a regular basis. The remaining five interviews were conducted with construction organisations (Builders) directly employing five to fifty sub-contractors, with the average business employing approximately fifteen personnel.

Data from the ten interviews were obtained from lengthy, in-depth discussions with the interviewees. This number of interviews, while not large, provided sufficient opportunity to undertake preliminary exploration of the issues surrounding safety initiatives and a VCOP for SMEs, through a qualitative study. This initial enquiry is a necessary step in the absence of empirical research, either qualitative or quantitative, in this area. The findings from this study may contribute to a platform for future research, drawing data from a wider field of subjects.

Data gathered for this study were analysed by coding of interview transcripts to explore emergent themes and key categories describing common views and practices. The QSR NVivo 7 software is a data management package (as opposed to data analyses package for quantitative data) and was used to store, sort and facilitate the coding processes and subsequent categorisation of data. Through the software, sentences were coded to maintain context and meaning in themes that emerged when examining the data for

frequency of occurrence, similarities, differences and associations with linked responses. Based on guidelines developed by Holsti (1969) and Burns (1995), a category's significance was determined on emerging ideas and the frequency, or number of times mentioned, of a theme or topic.

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The results of categorisation and subsequent analysis are presented below. The findings include: perceptions of SME designers and builders in relation to incentives for the implementation of a VCOP; factors creating resistance to implementation; suggested strategies for such implementation in the event of its adoption; and perceived support, as well as absence, for those strategies in the construction industry.

# Incentives for an Industry-based VCOP

The scope for provision of incentives featured significantly in the interviews. Five major areas for incentives emerged from the data as opportunities to encourage support for a VCOP. The most cited response was accreditation, followed by the Worksafe 'blue card' system, indemnity insurance, enhancement of industry reputation, regulatory and legal obligations, as well as the possibility of a 'stat system' approach, similar to that used in the Environmental Impact Campaign.

used in the Environmental Impact Campaign.

Five respondents (3 Designers and 2 Builders) considered that a VCOP aligned with industry accreditation would encourage compliance. Respondents stated they would market the VCOP as a factor towards gaining accreditation, thereby providing evidence of acceptability and achievement of higher safety standards. Although accredited providers were seen to be more costly, they were considered preferable to many respondents when it came to safety. For example, as stated by one respondent:

...it does make you more aware of how you should do things, even like changing a light bulb. It cost us three hundred and fifty dollars but it does take that pressure off and when you think about it, 'cos I've been up ladders changing light bulbs and it doesn't take much to fall off. You become a statistic, so I think in that sense it's very positive. Costly but positive.

A further six respondents (4 Builders and 2 Designers) referred to the 'blue card', currently implemented by Worksafe, with mixed reactions to the effectiveness of this accreditation system. Most respondents were supportive and users of the system, considering it offered recognition within the industry of the need for safety and adherence to standards of care.

Other respondents were less impressed with the 'blue card' and suggested that the 'blue card' system represented a 'bottom line' approach to safety rather

Voluntary or Involuntary? Legal and Hr Implications for an Occupational Health and Safety Voluntary Code of Practice for Smes

than a higher standard. Further, the ability to gain the 'blue card' fraudulently through the internet was acknowledged; that is, the absence of verification of whether the person undertaking the course for the blue card is actually the signatory to the completion documents. In the words of one respondent:

Why introduce something like that and then let it become such an easy thing to attain? It shouldn't be that easy. Everybody should have to turn up. Everybody should have proof that they can read and write...that they actually answered the questions.

Four respondents (all Designers) put forward the suggestion of an indemnity on insurance premiums upon verification of a company's atherence to the VCOP. These respondents believed that such an incentive would reflect the seriousness by which industry viewed the VCOP, and in turn its adoption would be given consideration by contractors and other stakeholders in their work-related decision-making.

Following on from the above, four respondents (2 Builders and 2 Designers) stated that the success of a VCOP lay in its potential as a reputation-enhancer for companies that adopted it. Closely aligned with the proposed strategy for inclusion of adherence to the VCOP as a criterion for tender selection, one respondent stated:

It would have to guarantee that we'd win more work. I guess that would be the incentive for us, to make us more competitive so that we'd be given preference over other companies. That would be the main incentive.

Six respondents (4 Designers and 2 Builders) commented on awareness created through legislation and regulations. However, most of these respondents described the legislation as complex,

... it gets to basically court room stuff, you shall, you must...if people have to do something they will but if they don't, they wont.

The need to meet legal responsibilities, in particular duty of care, was put forward to by five respondents (3 Builders and 2 Designers). While an acceptable level of risk was acknowledged in many aspects of construction, the legal risk associated with not providing a safe place of work was considered by these respondents to be unacceptable...

...we obviously wish to ensure that our staff are safe but are also aware that if someone dies during their work then we are liable and culpable so that's an incentive in terms of support.

A further suggestion put forward by a Designer was the adoption of a 'star system' currently used to indicate environmental accountability amongst companies as part of the implementation of a VCOP. Implied in this suggestion was Government regulation of the industry, and putting in place a system of building plan approvals aligned with achievement of acknowledged superior performance in terms of safety through a star system.

Resistance to Implementing the VCOP

There were two main factors associated with resistance to implementing the VCOP: costs and increased bureaucracy. In relation to the former, eight respondents (4 Builders and 4 Designers) cited cost as the greatest challenge to the success of the VCOP, particularly relating to the 'voluntary' situation. While responding positively to the concept of a VCOP in theory, the practical aspects of providing training, overtheads for having employees take time to undertake the training, and payments required for the infra-structure associated with a VCOP would, in their view, prohibit the reality of its acceptance. As stated by a respondent:

If it costs the company too much to comply, and if it had not teeth, you would have people who would not comply.

Nonetheless, respondents also questioned why adherence to a VCOP would necessarily incur any further costs than adherence to legislative requirements. In other words:

I can't see anything that would be contained in the voluntary code that would force builders or organisations like ours to spend any more money than they have to meet the legislation anyway.

Four respondents (3 Builders and 1 Designer) stated that an increase in bureancracy or paperwork, perceived or real, would create resistance to the adoption of a VCOP. In particular, concern was expressed that completion of required 'paperwork' to verify adherence to the VCOP would become the focus, rather than actual adherence to the VCOP:

...it seems like you've gotta have a piece of paper that proves that you've done something all the time, not that you are doing it...

Strategies for Adopting and Implementing a VCOP

Six suggestions were put forward by respondents as strategies for adopting and implementing a VCOP. These included: government-funded safety training; industry consultation; ease of accessibility to the VCOP; development of web-based systems in support of the VCOP; monitoring of the VCOP's

Voluntary or Involuntary? Legal and Hr Implications for an Occupational Health and Safety Voluntary Code of Practice for Smes

usage; and inclusion of verified adherence to the VCOP as an essential criterion for tender selection.

A majority of eight (8) respondents (4 Designers and 4 Builders) supported the concept of safety training as the best approach for adopting and implementing a VCOP. It was suggested that safety training for the construction industry should begin during secondary education (high school), so that it would "...make it a part of the culture of life".

Concern was raised that small firms found the cost of having employees in training and paying for that training prohibitive. Respondents stated that they know '...what we're trying to do...and commend it'. However, as stated by one builder:

At the moment we have to go and get paid outside contractors to teach us, you know, all about occupational health and safety. But a return from government would be good.

Half of the respondents (3 Builders and 2 Designers) also commented on the need for funding support for training from government and industry agencies. The availability of funds would allow participation of groups in practical seminars or on-site demonstrations (as opposed to discussions), networking amongst industry stakeholders:

...we could get out and be practical, rather than have a discussion...really getting to the nitty gritty.

In-house training was also identified as an important need, enabling companies to have control over the quality of content and judgment as to whether objectives were met and achieved or not. Inductions were cited as useful for raising initial awareness, and respondents stated that you could not have too many of them. If clients provided their own inductions on top of the company's induction, that was fine. Too much training was considered to be far better than none at all, and leaving it "...to chance, if we come across it"... Strong emphasis was also placed by respondents (4 Designers and 3 Builders) on improving current training, and regulating the standards to be achieved by such training, so as to avoid occasions similar to when,

...they ran over all the witches hats and dropped two 44 gallon drums off the pallet and nearly ran over the instructor... but got the ticket....

Six respondents (4 Designers and 2 Builders) commented on the need for industry consultation prior to and during the implementation of a VCOP. The opportunity to review the VCOP, comment on its effectiveness and the mechanism for implementation, would:

application is. ...be a form of easy learning about what its objectives and chance of

commented on by half of the respondents (4 Designers and 1 Builder). In their opinion, emphasis should be on practical action required, avoiding use of technical jargon. The use of 'plain language' was also required, along with 'conciseness' in quality, as opposed to quantity of content, otherwise The complexity of the content of some codes, rules and regulation were

priority list. ...a two hundred page manual probably isn't going to be top of the

respondents stated that repetition of such experience had to be avoided, as rules and regulations. There was also the issue of time involved in obtaining outlayed in seeking professional advice on the implications of some industry previously this advice, and disseminating resultant information to employees: These Concern was expressed regarding inherent costs that had previously been

jumped out of the window but the second level wasn't high enough to get away from the paper. ...one of the guys said if we'd been a bit higher up he would have

based or technology-driven presentation for the VCOP to facilitating and distribution to wider audiences through internet and email. provision of information through internally within companies through intranet, provide interactive training programs through E-Learning throughout Australia, accessibility of the VCOP. Advantages of such systems included opportunity to All five respondents from the design industry suggested the use of web-

Obviously anything that was user-friendly with that would be an advantage so we can easily distribute information.

not comply with a voluntary code, and resultant monitoring for compliance (4 Designers and 1 Builder). There was a sense that some stakeholders would would be necessary, but difficult. In the words of one respondent: Monitoring adherence to the VCOP was also suggested by five respondents

or enforced you'd have to wonder what the strength of it would be. ...'voluntary' by definition can be ambiguous. And if it's not policea You'd have to give it some teeth...

opportunity to consider the aspect of monitoring further. not provide strategies for how the monitoring should be undertaken. Nonetheless, the following strategy relating to tender selection provides some While half of the respondents expressed the need for monitoring, they did

> Occupational Health and Safety Voluntary Code of Practice for Smes Voluntary or Involuntary? Legal and Hr Implications for an

inclusion of this criterion would 'certify' the legitimacy and relevance of the as an essential criterion within tenders. Respondents considered that the and government departments could stipulate evidence of adhering to the VCOP adoption. In selling the concept of a VCOP to the 'end user', property owners selection should be linked to compliance with the VCOP, in support of its VCOP, and companies would look to ways of providing that evidence. Five respondents (3 Designers and 2 Builders) suggested that tender

Well, if you don't, you don't get the job. You could call that incentive.

Perceived Support for Implementation of a VCOP in the Construction Industry

from significant to no support at all. within their industry. This support was said to originate from the Government support currently available to them for the implementation of safety standards agency, Worksafe, consultants, and unions. Perceived level of support varied Respondents (Builders and Designers) cited varying levels of perceived

understanding of current codes of practice, regulations and quality-driven work activities, and facilitate regular (usually monthly) meetings. The major administer management plans within the companies, visit sites, monitor occupational health and safety staff. The consultants are used to develop and criterion against which consultants are chosen for engagement is their in those companies that were considered too small to employ dedicated assistance. Such consultants were frequently brought in on an 'as needed' basis provided the greatest source of support in relation to safety knowledge and Seven respondents (4 Builders and 3 Designers) stated that consultants

sub-consultants to go away and bring that information back to us. ...we rely on regulations, and we also rely on our consultants and

Perceived Absence of Support and Presence of Uncertainty

was little practical help in transferring that knowledge from policy into uncertainty was evident in responses, reflected in the following example: regarding what support they would like either. Instead, a magnitude of practice. Those who expressed the absence of support did not offer suggestions safety rules, guidelines and procedures continued to be documented, but there government agencies (e.g., Department of Housing and Works) meant that Further, it was perceived that downsizing and outsourcing of functions within did not anticipate any further support in favour of a VCOP. These respondents not receive any support in implementing safety standards in their industry, and reported that the information was out there, but they had to get it themselves. Some respondents (3 Builders and 3 Designers) also reported that they did

something, so this is the standard you should aim for. way of how we think, this is what we think is the safe way of doing There doesn't seem to be a standard, if you'd like to say, a standard

### Discussion

to safety arise from the literature, and are supported by the findings of this job, as well as sufficient time to get the job done, study. Examples of incentives towards safe practice, negating the need for a provide contractors with correct tools, training and safety equipment to do the Respondents also stated that the VCOP would not compensate for the need to insurance indemnities, requirement for licensing, and fear of litigation. VCOP, included scrutiny by Worksafe and the Master Builders Association, Issues and strategies for encouraging small business to give higher priority

for ensuring the VCOP makes an impact on construction industry stakeholders. litigation for failing to do so. financial deadlines of clients, without placing builders in a position of potential There was an expressed tension between attempting to meet the practical and Management of client expectations was also put forward as a requirement

message to SMEs that their commitment to OHS is recognised and valued. awarding tenders on the basis of low price alone. This change would send a industry. Further, it is apparent that the competitive bidding system is a significant contributor to OHS short-cuts. Greater weight could be given to resistance factors, costs and increased bureaucracy, are nonetheless significant implementation of a VCOP amongst SME respondents in this study. The tender submissions that include health and safety considerations rather than given the size and resources available to this sector of the construction Perceived incentives outnumber factors of resistance towards the

organisations engaged in complex operations involving large numbers of be changed through involving SME owners in participative measures such as the safety committees described in Lin and Mills (2001). However, time sufficiently cognisant of the variation in OHS concerns for large construction capabilities of SMEs in regard to provision of documentation required by OHS willingness to participate. Consideration also needs to be given to the pressure faced by SMEs is another acknowledged factor that affects their 20 employees engaged in a single or a small number of operations. employees and subcontractors, compared with small companies with less than legislators. It is likely that the current 'one size fits all' approach is not The attitude of "fatalism", inherent in responses by some interviewees, may

aren't rushea ...it's not rocket science what we do... it's just making sure people

Conclusion

of indemnity insurance, enhanced reputation of companies, support for meeting perceived advantages to a VCOP, than disadvantages. Respondents construction sites, and accidents will therefore always keep happening. such its conception. As stated by one respondent, in the absence of a VCOP, it a VCOP within the Construction Industry were also identified by respondents, included training, industry consultation, accessibility, provision of web-based will be left to the events of accidents to establish awareness of safety issues on VCOP, but also move on to identify the possibilities for safer practice through Overall, respondents acknowledge the complaints around the concept of a along with consideration of the uncertainty surrounding its implementation. systems, monitoring, and inclusion in tender selection. Sources of support for Strategies for adopting and implementing a VCOP were put forward, and these regard to a VCOP were also raised, namely increased costs and documentation. legislative requirements, and opportunity for a 'star system'. Concerns with acknowledged incentives for a VCOP incorporating accreditation, possibility From the responses to the ten interviews, it appears that there are more

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# Why and how SMEs Protect their Innovations

sector that do conduct R&D, do not apply for patents. two thirds of the potentially patenting SMEs, that is SMEs in the production of SMEs are relatively small. According to the European Patent Office (2004) innovations. However, the R&D investments and patent portfolio's are, according to Nooteboom (1994)' good at incremental years are the small and medium sized enterprises (SMEs), which group of enterprises that has received much attention the last few

performance of an innovation. Kitchen and Blackburn (1999)° define four has been written on the consequences of different protective actions on the on reasons for not choosing a patent, while reasons for preferring one advantages; etc. Literature on innovation protection by SMEs mainly focuses alternative over the other remain insufficiently studied. Also, hardly anything relationships; technological copy protections; maintaining Possible alternatives are: confidentiality clauses; investing in alternative forms of protection rather than applying for an expensive patent. Masurel (2002)', and many others has shown that innovative SMEs prefer Earlier research by the European Patent Office (1994), Hall et al. (1999, 20)<sup>34</sup>, Kitchen and Blackburn (1999), Brouwer and Kleinknecht (1999), time

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