

**REPORT ON THE ISO 14,000 SURVEY  
OF PROVINCIAL AND FEDERAL  
GOVERNMENT AGENCIES**

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## 1.0 INTRODUCTION

The International Organization for Standardization (ISO) was established in Geneva, Switzerland in 1947 for the purpose of developing world wide standards to facilitate the exchange of goods and services. The ISO traditionally set technical standards, such as the size of screws, but in the 1980s, began establishing standards related to quality management (ISO 9,000).

ISO 9,000 is based on the evaluation of the *system* by which a product is produced, rather than the product itself. In 1993, the ISO went further down the path of "non-technical" standard setting and began work on environmental systems (ISO 14,000).

The ISO 14,000 series is now actively being presented as a system for global environmental management and it takes the ISO into a new domain of public, rather than engineering, standard setting. The environment is a completely new field for ISO and the procedures that were adequate for technical matters are insufficient to deal with environmental issues. In addition, ISO 14,000 pushes the argument for business "self regulation" into a new phase. The concern is that the ISO 14,000 series was drafted without public debate; will likely be implemented regardless of public opinion or pre-existing international environmental conventions; only measures a firm's conformance with its own management system, not its environmental, health or safety performance; produces volumes of environmental information that is confidential and need not be given to the public, government authorities or workers; and requires compliance with only local regulation, not international or even the firm's home country standards.

## 2.0 PROJECT DESCRIPTION

CELA undertook a survey of provincial and federal government agencies to:

- 1) determine each agencies awareness of the ISO 14,000 initiative;
- 2) determine the views and experiences with the ISO 14,000 approach; and
- 3) canvas views on the appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives

It is hoped that this report will provide a useful starting point to interpret the implications in Canada of the development of the ISO 14,000 program and provide starting points to address the views of government in Canada about this issue.

### 3.0 SURVEY RESULTS AND OBSERVATIONS

#### 3.1 General Observation

All government agencies, industry groups and NGOs surveyed are aware of ISO 14,000. The highest levels of awareness among government agencies are in Ontario, British Columbia and at the federal government level. The lowest levels of awareness are in the maritime provinces.

Training programs, workshops and information session for government employees, regarding ISO 14,000, have taken place in the provinces with the highest levels of awareness and at the federal level. The most action being taken with regards to ISO 14,000 is at the federal government level. The revised Auditor General Act requires each federal department to have an environmental management system in order to meet the sustainable development requirements under that Act. Environment Canada's EMS is modelled after ISO 14,000 and other departments are being encouraged to follow ISO 14,000.<sup>1</sup>

The general consensus among governments at this time is that ISO 14,000 will not replace regulations, but will instead, be used in conjunction with them. British Columbia is considering a two tiered system where new industrial sites would have to be ISO certified, as well as meet provincial regulatory requirements (for emissions, etc). It was suggested that this may occur in Ontario as well.

Several government agencies surveyed suggested that it is possible that ISO 14,000 could replace regulations at some point in the future. Also, there is the potential for ISO 14,000 to be referenced in the revised Regulations Act (currently Bill C-25), which provides for the incorporation of standards generally.<sup>2</sup>

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<sup>1</sup>It is useful to note, however, that the 1996 Report of the Auditor General on the Implementation of the Federal Environmental Stewardship (see summary at Appendix 1) raises a concern that Environment Canada's decision to treat the implementation of the initiative as a "voluntary one ... may have sent a mixed message to departments and agencies". The report went on to say "In our opinion, this had a significant impact on both the way the Office of Federal Environmental Stewardship discharged its responsibilities as facilitator and on the response of departments and agencies. For example, the production of action plans, progress reports and updates was limited and such documents were not always forwarded to OFES". There is much work needed to make these programs effective and able to deliver measurable environmental improvements.

<sup>2</sup> The summary section of Bill C-25 outlines the key components of the Act as:

- 1) a simpler, more principled definition of "regulation";
- 2) an expedited process for regulations that do not require legal review;
- 3) a revision of the bases for exempting regulations from the regulatory process so that the exemptions reflect the purposes of the Act and the public interest;
- 4) modernization of the regulatory process by providing for consultation, registration and publication by electronic means; and
- 5) maintenance of government accountability for regulations through effective Parliamentary scrutiny.

Sections 16 through 19 deal with the incorporation of materials into a regulation by reference, including the referencing of materials that lay down policy. Section 16, subsections (1) and (4) provide that:

16.(1) A regulation may incorporate by reference material produced by a person or body other than the regulatory authority, including a person or body such as

The different government agencies surveyed seemed unaware of what was occurring in other government sectors with regards to ISO 14,000 (between departments at both the federal and provincial levels of government, between provincial and federal governments, and between the provincial governments themselves). For example, a Deputy Minister of the Environment in a province stated that little was occurring with regards to ISO 14,000, while an official in the pollution prevention department described a system where industry would be required to be ISO certified and meet provincial regulations.

It is interesting to note that the agencies that are most involved with ISO 14,000 (Ont., B.C., feds) were the most reluctant to provide information, were the most concerned about how they had been identified as being involved with ISO 14,000 and had the most internal contradictions between officials.

### 3.2 Federal Government

There is a high awareness level of ISO 14,000 at the federal government level. Environment Canada, in particular, has been involved with the ISO 14,000 program since its inception.

The Auditor General has recommended that federal departments seriously consider developing an environmental management system and has suggested that ISO 14,000 is a good model. Some departments have adopted various versions of ISO 14,000 in order to meet their sustainable development requirements under the revised Auditor General Act.

Environment Canada is recommending that companies get ISO 14,000 certified as a preventative measure to avoid environmental problems. It is believed that if company is ISO certified they will be aware of their environmental performance and thus able to detect and correct problems before they get out of hand.

ISO 14,000 will not be referenced in regulations or statutes, at this time (possibly because they are too principle based). However, the next batch of ISO standards, being developed over the next couple of years, will be performance based (regarding emissions, etc) and thus will likely be

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(a) an organization established for the purpose of writing standards, including an organization accredited by the Standards Council of Canada;

(b) an industrial or trade organization; and

(c) a government, government agency or international body.

(4) A regulation may incorporate by reference technical or explanatory material that the regulatory authority produces, such as

(a) specifications, classifications, illustrations, graphs and other information of a technical nature;

(b) test methods, procedures, operational standards, safety standards and performance standards of a technical nature;

(c) criteria relevant to the application of the regulation; and

(d) examples of how the regulation applies.

Section 16 allows the referencing of material that lays down policy. A democratic concern arises over the incorporation of policy elements into Canadian public law, in that the incorporated material may not be formulated through processes involving all the affected parties, including the government itself. In addition, the work of some bodies referred to in section 16(1) is not suitable for referencing in regulations as these bodies may not be accountable enough to be regarded as sources of legitimate public policy.

referenced in regulations and statutes.

There are no plans at the moment to reference ISO 14,000 in Bill C-25 (revised Regulations Act), however, Bill C-25 does provide for the referencing of standards generally and government is very "keen" on this provision in the Bill. Thus, it is *possible* to reference ISO 14,000 in Bill C-25 (see page 2, footnote 2 for a description of the referencing provisions in Bill C-25).

In addition to ISO 14,000 standards, the federal government is examining the use of domestic standards in legislation. Marbek consulting has done work for both Environment Canada and Industry Canada in this regard. A feasibility study for Industry Canada was done regarding a standard for the environmental assessment screening process. The Canadian Environmental Assessment Agency has since had meetings with the Canadian Standards Association and are presently establishing a technical committee to develop the concept further.

### **3.3 Provincial Governments**

#### **Newfoundland**

The Ministry of the Environment in Newfoundland is aware of the ISO 14,000 series, however, they do not have as good a handle on it as other provinces, the federal government or industry. While the Newfoundland government is examining the series in light of the present legislative review, there are no government plans at this time to implement ISO 14,000 in any way. It is premature to say at this time how ISO will be used, if at all, and if it will be used in relation to regulations. Only very preliminary work has been done by the government regarding ISO 14,000's impacts, its implications and how it will fit into the regulatory scheme, if at all.

Industry in Newfoundland sees ISO 14,000 as an aid to competitiveness and most industry in NFLD will informally adopt ISO 14,000. It is anticipated that only a few will actually get certified, specifically Hibernia related industry, as ISO 9,000 certification is presently a requirement of the consortium, and thus it is also likely that ISO 14,000 certification will be required at some time in the future.

#### **Quebec**

The Quebec Ministry of the Environment has recently organized a committee of government officials to examine ISO 14,000's possibilities. They are consulting with industry and professional groups, but so far there are no recommendations for the Minister regarding the potential use of ISO. Their report is due in September.

The committee's preliminary view is that ISO's role is to stimulate industry, that it is a completely private initiative, and if a company gets ISO 14,000 certified, it will mean nothing to the government in terms of the company's ability to meet provincial regulations.

## Ontario

Ontario has a very high awareness level of and interest in ISO 14,000. There has been in-house awareness training for staff with regards to ISO 14,000 and the province is taking a good look at how to take advantage of the series.

The officials surveyed provided somewhat conflicting information. One stated that it is unlikely that the province will require business to become ISO certified and it is premature to say whether ISO 14,000 will be incorporated into provincial regulations. However, another suggested that the province will use ISO in an administrative fashion and create a "super ISO", where a company would have to meet ISO 14,000 criteria and provincially imposed regulations as well.

Both officials agreed that it is unlikely that ISO 14,000 will replace provincial regulations but will likely instead be used in a complimentary fashion. However, one official stated that it is *possible* for ISO 14,000 to replace regulations in some situations. This same official admitted that ISO alone will not provide the same level of environmental protection that exists now.

Both officials believed that a combination of provincial regulation and ISO 14,000 will result in an improvement of environmental performance by those certified. One official also suggested that ISO certification could save government money (if a company has a good track record after certification with ISO, then the need for government inspection/control will be greatly reduced). This official also acknowledged that ISO 14,000 will not work if a company only gets certified for appearance sake and is not serious about improving their environmental aspects.

## Manitoba

Those surveyed in Manitoba are aware of ISO 14,000 but stated that the province is still in the early stages of examining it with regards to policy implications. A workshop including government, industry and ENGOs was recently held to serve as an introduction to ISO 14,000.

Manitoba is considering using ISO 14,000 as a general standard to compliment provincial regulations. The Minister has clearly stated that the focus of the government is on pollution prevention and that ISO will not replace regulations but compliment them.

However, it was suggested that it could be possible in the future, in some areas, for ISO 14,000 standards to replace regulations.

It is believed that ISO 14,000 has the potential to improve environmental performance, however, there is concern in terms of concentrating too narrowly on ISO 14,000, as there are many different ways to achieve good environmental management systems.

## **Alberta**

Discussions regarding ISO 14,000 are at a very preliminary stage in Alberta. Industry has been inquiring about whether ISO 14,000 certification will result in less regulatory control (inspections, etc) but this has not yet been decided.

The main concern with ISO 14,000 is that there are many good EMS systems besides ISO. The main benefit seen by Alberta is the ability of government to have a certain comfort level if a company is ISO 14,000 certified, because it indicates the company is environmentally committed.

There are currently no plans to reference ISO in statutes, regulations or approval systems, but it may be possible in the future.

## **British Columbia**

The two officials surveyed had somewhat contradicting responses. One official stated that not much was occurring in B.C. with regards to ISO 14,000, however, the other described possible plans to use ISO 14,000, including the development of an environmental management system for new industrial sites. This system would require a company to be ISO 14,000 certified before qualifying for authorization from the Minister. In addition, the company would also have to fulfil ministry standards, which would go beyond ISO 14,000 and include legally binding standards for emissions, etc.

### **3.4 Industry Groups**

There is a very high awareness level of ISO 14,000 among industry groups in Canada and around the world. There has been much action on the part of industry with regards to ISO 14,000; many businesses are gearing up for ISO 14,000 certification and many others plan to informally adopt the ISO environmental management system without getting formally certified.

### **3.5 NGOs**

The main concern NGOs have with ISO 14,000 is that the series is being presented as a system for global environmental management and takes the ISO into a new domain of public, rather than engineering, standard setting. The environment is a completely new field for ISO and the procedures that were adequate for technical matters are insufficient to deal with environmental issues.

In addition, ISO 14,000 pushes the argument for business "self regulation" into a new phase and it is feared that the international corporate agenda is to substitute voluntary international standards for mandatory national standards embodied in regulation and thus ISO standards will be used as



a surrogate for compliance with environmental laws. Other concerns include: the ISO 14,000 series was drafted without public debate; will likely be implemented regardless of public opinion or pre-existing international environmental conventions; only measures a firm's conformance with its own management system, not its environmental, health or safety performance; produces volumes of environmental information that is confidential and need not be given to the public, government authorities or workers; and requires compliance with only local regulation, not international or even the firm's home country standards.

#### 4.0 CONCLUSIONS

All sectors surveyed were aware of the ISO 14,000 series of standards. ISO 14,000 is a hot topic, especially in Ontario, British Columbia and at the federal government level. While there are no concrete plans at any government level to incorporate ISO 14,000 standards into statutes, regulations or approval systems at the present time, it is possible that such action may take place at some time in the future. At the federal level, Bill C-25 (Regulations Act) provides for the referencing of standards generally and thus it is possible to reference ISO 14,000 standards in that legislation. It is likely that the federal government will reference future ISO standards that are related to environmental performance, such as standards for emissions, etc.

Most federal departments are implementing environmental management systems in order to fulfil the sustainable development requirements of the Auditor General Act. ISO 14,000 has been described as a good EMS model.

Several provinces are considering creating a system where industry would have to meet both ISO 14,000 standards and provincial regulations. The other sectors surveyed have not ruled out this concept and may very well follow suit.

**APPENDIX 1**  
**SURVEY SHEETS**

**NAME:** Yves Corriveau  
**AGENCY:** Centre Quebecois Du Droit  
 De L'Environnement  
**PHONE:** (514) 931-9190

**1) each agencies awareness of ISO 14,000 initiative**  
 -aware of it

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

-PQ currently looking at possibility of integrating ISO standards into regs

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -Jean Rivet, PQ Min. Env., Industry Branch  
 (418) 528-2363

**NAME:** Martin von Mirbach  
**AGENCY:** Viking College, Humber Env.  
 Action Group  
**PHONE:** (709) 637-8646

**1) each agencies awareness of ISO 14,000 initiative**  
 -aware of it

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

-NFLD Env. Industry Assoc. is buying into ISO 14,000 "big time"

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -Tom Graham, Director of Policy and Planning, Dept. of Env.  
 (709) 729-0030  
 -Nancy Creighton, Program Manager, FLD Env. Industry Assoc.  
 (709) 772-3333

**NAME:** Rick Coranado  
**AGENCY:** Citizen's Environmental Alliance  
**PHONE:** (519) 255-1616, (519) 253-4232 ext 4521

**1) each agencies awareness of ISO 14,000 initiative**

-used to be involved in ISO process but can no longer afford to attend meetings

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -Dave Bennet, CLC

**NAME:** Craig Boljkovac  
**AGENCY:** ITC  
**PHONE:** (613) 238-8181

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -Jim Clarke, FEARO  
 (819) 997-2262  
 -Tom Balint, CEN  
 (613) 563-2078  
 -Steven Hazel: preparing manual on ISO 14,000 guide to Env. Assessment, get # from CEN

**NAME:** Dave Bennet  
**AGENCY:** Canadian Labour Congress  
**PHONE:** (613) 521-3400, ext. 418

-Tony Clarke, Assistant Deputy Minister,  
 (819) 997-1441

**1) each agencies awareness of ISO 14,000 initiative**

-aware

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

material from Dave Bennet's paper on ISO:

-concern is that the international corporate agenda is to substitute voluntary international standards for mandatory national standards embodied in regulation

-concern that will be used as a surrogate for compliance with environmental laws

-Bill C-25 (formerly Bill C-84), the Regulations Act, provides for a referencing of ISO, the House of Commons Standing Committee on Environment and Sustainable Development recommended in June 1995 that ISO 14,000 be referenced in legislation governing "federal entities", specifically those covered in Part IV of CEPA.

-it is unlikely that businesses will be required by law to be ISO 14,000 certified

**4) any documents for our resource library**

-sending a critique he wrote on ISO 14,000, we may use this piece for this project re: his views on ISO 14,000 with regard to its appropriate role, concerns, etc

**5) anyone else I should talk to**

**NAME:** Henri Jacob  
**AGENCY:** La Reve  
**PHONE:** (819) 825-6776  
 -not available until July 29

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

**NAME:** Tom Balint  
**AGENCY:** CEN  
**PHONE:** (613) 563-2078

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use  
 -knows very little about ISO 14,000

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -Steven Hazel, Marbek Consulting  
 (613) 523-0784  
 -Martin von Mirbach

**NAME:** Nancy Creighton  
**AGENCY:** NFLD Env. Industry  
 Association  
**PHONE:** (709) 772-3333

**1) each agencies awareness of ISO 14,000 initiative**

-high awareness level

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-keeping an eye on ISO 14,000

-interested in what it means to industry

-attended workshop on April 26, 1996, attended by CIEA, CSA, Can. Bankers Assoc., Can. Chambers of Commerce, document generated entitled PLUS 1117 (Intro to ISO 14,000, EMS, Competing, Leaner, Greener...)

-a few companies in FLD are gearing up for ISO 14,000 certification

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

-no gov't initiative/action in FLD with regards to ISO 14,000

**4) any documents for our resource library**

-PLUS 1117, doc generated from April 26 workshop on ISO 14,000, available from CSA

**5) anyone else I should talk to**

-Achmad Hussein, CSA

-Rebecca Last, Can. Institute Env. Assoc.  
 (613) 723-3525

**NAME:** Achmad Hussein  
**AGENCY:** CSA  
**PHONE:** (416) 747-2697

**1) each agencies awareness of ISO 14,000 initiative**

-high awareness level

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-lots of industry action

-Env. Can. has own program that is in line with ISO 14,000 to implement in its own dept.

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

-Price Waterhouse survey re: industry that wants to get certified

-PLUS 1117 (doc from workshop held on April 26, 1996 re: Intro to ISO 14,000, EMS) \$30.00

**5) anyone else I should talk to**

-Dennis Durrant, EC

**NAME:** Steven Hazel  
**AGENCY:** Marbek Consulting  
**PHONE:** (613) 523-0784

screening process but isn't sure if he can give it to us because may be confidential

**1) each agencies awareness of ISO 14,000 initiative**

**5) anyone else I should talk to**  
 -John Dauvergne, Industry Canada  
 (613) 952-2269  
 -Michel Girard, FEARO

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

-Marbek has fair amount of involvement with CSA regarding Canadian standards associated with ISO

-has done work for Env. Canada and Industry Canada in this regard

-did a feasibility study for Industry Canada regarding an Env. Assessment standard for the screening process, at the federal level

-screening standard has several objectives: harmonization between provincial and federal EA screening process, to make life easier for federal departments in terms of contracting out screening work to consultants, and to certify env. assessment professionals

-Can. Env. assessment Agency has had meetings with CSA, C.E.C regarding a standard for screening and have decided to take the EA screening standard concept further to see if it can be developed, they are now establishing a technical committee to develop the concept

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**  
 -feasibility study on standardizing the EA



**NAME:** Tom Graham  
**AGENCY:** Director of Policy and Planning, Dept. of Env., NFLD  
**PHONE:** (709) 729-0030

-he thinks there is "good stuff" in ISO 14,000 but only very preliminary work has been done by gov't regarding impacts, implication of ISO and how it will fit into regulatory scheme, if at all

**1) each agencies awareness of ISO 14,000 initiative**

-gov't aware of ISO 14,000 in NFLD, but not have good handle on it  
 -private sector much more aware of ISO than gov't

**4) any documents for our resource library**  
 -no

**5) anyone else I should talk to**  
 -no one else in maritime provinces

**2) experience with ISO 14,000 approach**  
**-participate in its development**

**-plans to use**  
 -gov't not participate in development, etc  
 -no gov't plans at moment to implement ISO 14,000 in any way, however are looking at it as they are presently undergoing a legislative review and ISO is a factor they are considering in review  
 -is very up in the air whether ISO will be used with regards to regulations

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**  
**-potential impacts of its use**  
**-concerns**  
 -industry sees it as an aid to competitiveness  
 -most industry in NFLD will informally adopt ISO 14,000  
 -only a few will actually get certified, especially Hibernia related industry as ISO 900 certification is a requirement of the consortium, likely ISO 14,000 certification also required some time in future  
 -role of ISO difficult to predict cause gov't not have good handle on it or its role re: regulations

**NAME:** Toby Vigod  
**AGENCY:** BC Min. Env.  
**PHONE:** (604)356-7223

**1) each agencies awareness of ISO 14,000 initiative**

-aware of it

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-not a big issue in BC

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Tom Galimberti, Env. Protection, Pollution Prevention Dept., BC Min. Env.  
 (604) 356-6027

**NAME:** Tom Galimberti  
**AGENCY:** Env. Protection, Pollution Prevention Dept., BC Min. Env.

**PHONE:** (604) 356-6027

**1) each agencies awareness of ISO 14,000 initiative**

-very aware of it

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-plans to use ISO 14,000 include the development of a environmental management system for new industrial sites

-company would have to be ISO 14,000 certified before could get authorization from Minister

-in addition, company would also meet ministry standards which go beyond ISO 14,000 and include legally binding standards for emissions, etc

-this environmental management system would be based on pollution prevention

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

-document on the environmental management system that incorporates ISO 14,000 is being sent, it explains the whole process in BC

**5) anyone else I should talk to**

-Colin McKeen or Brad Wlyenko AFTER I read the document he is sending

(604) 387-3035

**NAME:** Michel Goulet  
**AGENCY:** PQ Min. Env., Co-ordinator  
 for ISO 14,000 Committee  
**PHONE:** (418) 528-2363

**1) each agencies awareness of ISO 14,000 initiative**

-aware, committee of 11 Min. Env. officials looking at it

**2) experience with ISO 14,000 approach**  
**-participate in its development**

**-plans to use**

-committee set up to examine ISO 14,000's possibilities, have spoken with industry and professional groups

-so far no recommendation for Minister on potential use of ISO but report is due in September

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**

**-potential impacts of its use**

**-concerns**

-preliminary view is that ISO's role is to stimulate industry, it is a completely private initiative, if company gets ISO certified it means nothing in the govt's eyes in terms of the company's ability to meet provincial standards/regs

**4) any documents for our resource library**

-report due out in September

**5) anyone else I should talk to**

**NAME:** Jim Smith  
**AGENCY:** Acting Director, Standards  
 Development Branch, MOEE  
**PHONE:** 323-5096

**1) each agencies awareness of ISO 14,000 initiative**

-aware of it

**2) experience with ISO 14,000 approach**

**-participate in its development**

**-plans to use**

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**

**-potential impacts of its use**

**-concerns**

**4) any documents for our resource library**

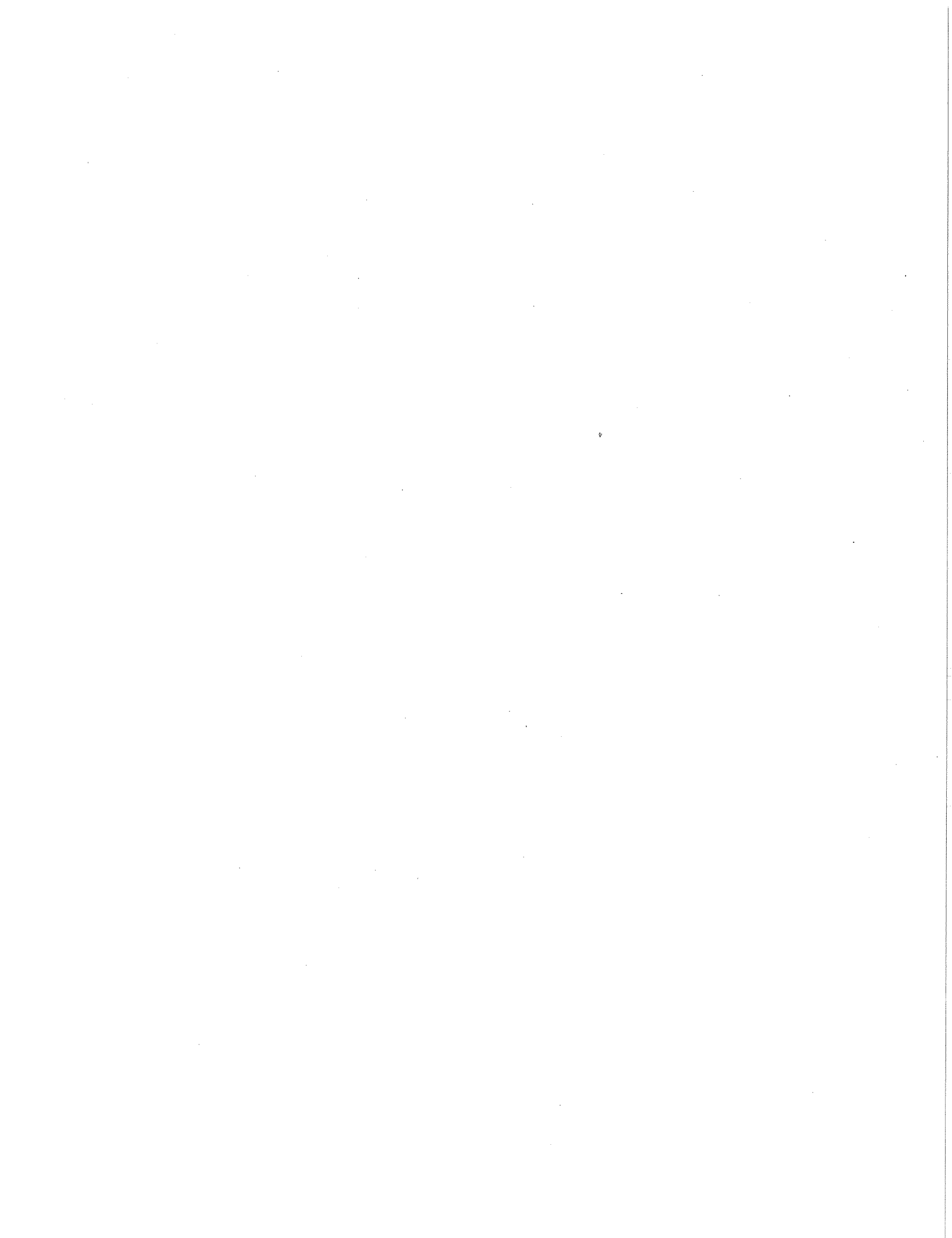
**5) anyone else I should talk to**

-Helle Tosine, Director, Program development Branch, MOEE

(416) 314-3920

-Fred Granek, MOEE

(416) 314-7893



**NAME:** Fred Granek  
**AGENCY:** MOEE  
**PHONE:** (416) 314-7893

**1) each agencies awareness of ISO 14,000 initiative**

-high awareness level

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-gov'ts worldwide are thinking of using ISO 14,000

-Ont very interested in ISO 14,000

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

-ISO 14,000 is just a good env. management system, not a replacement for regs/domestic standards

-premature to say if province will incorporate ISO into regs

-taking a good look at how to take advantage of it (cause industry is so into it) but unlikely (he thinks personally) that province will require companies to be ISO certified

-ISO won't replace performance standards

-gov't likes it cause will likely result in an improvement of companies' performance

-acknowledges ISO won't work if a company only gets certified for appearance sake and isn't serious about improving env. aspects

-ISO alone won't provide the same level of env. standards that exist now, but in combination with regs will improve things

-Ont will not be making regs tougher, but premature to say whether ISO will replace or compliment the system we have now

-concern is with disparity of domestic standards between countries, but thinks that imposing home country standards on a company that operates in another country with less stringent standards would be detrimental to trade

-stated that ISO 14,000 not a problem cause would require 3rd party audit

**4) any documents for our resource library**

-no

**5) anyone else I should talk to**

-Jerry Speagle, Min. Env. Man.  
 (204) 945-7482

-Jay Negendran, Min. Env. Alta.  
 (403) 427-5883

-Leval Lepoint, Min. Env. PQ.  
 (418) 646-0781

**NAME:** Jerry Speagle  
**AGENCY:** Man. Min. Env.  
**PHONE:** (204) 945-7482

-James Riordon, EC  
 -Brian Wilkes, CCME  
 -Val Zinger, Industry, Trade and Tourism,  
 Env. Division  
 (204) 945-8745 or  
 -Julien Schibe  
 (204) 945-5161

**1) each agencies awareness of ISO 14,000 initiative**  
 -aware of it

**2) experience with ISO 14,000 approach**  
     **-participate in its development**  
     **-plans to use**

-not a lot done in Man. yet  
 -workshop held re: intro to ISO 14,000 couple of weeks ago with gov't, industry and ENGOs  
 -still in early stages re: policy  
 -looking at using ISO 14,000 as general standard to compliment provincial regs

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**  
     **-potential impacts of its use**  
     **-concerns**

-Minister has clearly stated that focus now is on pollution prevention and ISO will not replace regs but compliment them  
 -BUT could be possible in future, in some areas, that ISO replace a reg if it has not been effective in its traditional command and control role  
 -ISO has potential to improve environmental performance  
 -concerned about concentrating too much on ISO 14,000 cause are many different ways to achieve good environmental management systems

**4) any documents for our resource library**  
 -will send docs produced from workshop

**5) anyone else I should talk to**

**NAME:** Val Zinger  
**AGENCY:** Manitoba Industry, Trade and  
 Tourism, Env. Division  
**PHONE:** (204) 945-8745

**1) each agencies awareness of ISO 14,000 initiative**

-aware of it but doesn't know about any initiatives in Manitoba regarding ISO 14,000

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Ian Day, Manitoba Env. Industry Trade Council/Economic Development Bd.

(204) 945-8221

-I spoke with him and he's not involved with ISO at all

**NAME:** Jay Negendran  
**AGENCY:** Alta Min. Env.  
**PHONE:** (403) 427-5883 or 427-7617

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

-ISO talks at very preliminary stage in Manitoba; they are waiting to see what comes out of the 14,000 series, to see what they can use

-industry has been asking if getting certified will mean less regulatory control (ie. inspections, etc) by gov't but this has not yet been decided

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role  
 -potential impacts of its use  
 -concerns

-concern is that there are many good EMS systems besides ISO 14,000 and gov't can't recognize ISO without recognizing the others  
 -maybe, someday, ISO will be referenced in regs/approval system

-gov't can have peace of mind/comfort level if a company is ISO 14,000 certified because indicates the company is env. aware/committed

**4) any documents for our resource library**  
 -no

**5) anyone else I should talk to**  
 -no

**NAME:** Scott Sinclair  
**AGENCY:** BC  
**PHONE:** (604) 356-8048

**1) each agencies awareness of ISO 14,000 initiative**

-doesn't know anything about ISO 14,000

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Anne Hillyer, WCELA

(604) 648-7378

**NAME:** Leval Lepoint  
**AGENCY:** PQ Min. Env.  
**PHONE:** (418) 646-0781

**1) each agencies awareness of ISO 14,000 initiative**

-not very aware of it

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-not involved in issue at all

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Michel Goulet



**NAME:** Helle Tosine  
**AGENCY:** Director, Programs  
 Development Branch, MOEE  
**PHONE:** (416) 314-3920

**1) each agencies awareness of ISO 14,000 initiative**

-aware of it but not involved in issue

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Brian LeClaire, MOEE

(416) 314-3878

**NAME:** Brian LeClaire  
**AGENCY:** MOEE  
**PHONE:** (416) 314-3878

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**

-participate in its development

-plans to use

-Ontario is looking at ISO 14,000 and how to use it

-has been in-house awareness training for staff

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role

-potential impacts of its use

-concerns

-potential to be used as criteria for industry, as an adjunct to/compliment to regs, may be possible to replace regs in some situations

-are proposals regarding ISO in system right now but can't be any more specific at this time because nothing is official or public yet

-doesn't see ISO as ever replacing regs but instead just a compliment to them

-no regulatory body is prepared to give up power to regulate

-ISO could be used in administrative fashion, ie. a "super ISO" that includes regs where a company would first have to meet ISO criteria before could qualify for a provincial program and then would also have to meet provincially imposed standards as well

**4) any documents for our resource library**

-will send material as soon as it is officially made public

**5) anyone else I should talk to**

**NAME:** Oonah Fitzgerald  
**AGENCY:** Bill C-25 [Regulations Act]  
 (formerly Bill C-84) co-  
 ordinator  
**PHONE:** (819) 957-4945

**1) each agencies awareness of ISO 14,000 initiative**  
 -aware of it

**2) experience with ISO 14,000 approach**  
 -participate in its  
 development  
 -plans to use  
 -no talk of referencing ISO 14,000, in  
 particular, in Bill C-25 at this time, although  
 Bill C-25 does provide for the referencing of  
 standards generally

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

-Bill C-25 provides for the referencing of  
 standards such as ISO 14,000 and gov't is  
 very "keen" on the incorporation by  
 reference provisions in Bill C-25  
 -is possible, hypothetically speaking, to  
 reference ISO 14,000 in Bill C-25 if it meets  
 the needs of CEPA

**4) any documents for our resource library**

**5) anyone else I should talk to**

**NAME:** James Riordon  
**AGENCY:** EC  
**PHONE:** (819) 953-3353

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its  
 development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -he passed me along to Dennis Durrant, who  
 just got back from ISO discussions in RIO.

**NAME:** Dennis Durrant  
**AGENCY:** EC  
**PHONE:** (819) 953-4216

-may reference ISO standards in statutes in the future but too early to tell now

**1) each agencies awareness of ISO 14,000 initiative**

**4) any documents for our resource library**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**5) anyone else I should talk to**

-involved with program since its inception and even prior to it, with CSA and SCC  
 -some of his staff sit on the technical committees  
 -involved with senior level committees with CEC at CSA  
 -attended most recent meeting of TC207 in Rio a few weeks ago as a member of the Canadian delegation

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role  
 -potential impacts of its use  
 -concerns

-obligation on federal departments to put in place a sustainable development plan, which will be reviewed by the Commissioner  
 -encourage use of EMS to achieve this obligation and EC's system is based on ISO 14,0004.

-encouraging industry to look at ISO standards

-not require certification at this time  
 -seen now as a voluntary, market driven tool  
 -no incentives will be provided to industry to get ISO certified (ie. if certified, company will not be less scrutinized by gov't)  
 -see certification as providing long term economic benefit in certification and thus improved environmental performance

**NAME:** Cathy Wilkinson  
**AGENCY:** Marchi's office  
**PHONE:** (819) 997-1441

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

-preliminary discussions have occurred in the pollution prevention dept.

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -she will get back to me with names of people I should talk to

**NAME:** Tony Clarke  
**AGENCY:** Ass't Deputy Minister, Chair of Env. Council of CSA, Ministerial rep to NAFTA

**PHONE:** (819) 997-1575  
 -out of town until July 22

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**  
 -James Riordon  
 -Dennis Durrant

**NAME:** Jim Clarke  
**AGENCY:** FEARO  
**PHONE:** (819) 997-2253

-Jim Clarke is out of town until August 6 but he left voice mail directing his calls to Barbara Lucasavic (819-953-0755)

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use -> YES

-the only things Barbara Lucasavic would tell me is that there are plans to use ISO 14,000

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**  
 -its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

**NAME:** John Dauvergne  
**AGENCY:** Industry Canada  
**PHONE:** (613) 952-2269

**1) each agencies awareness of ISO 14,000 initiative**

-everyone aware of it

**2) experience with ISO 14,000 approach**  
 -participate in its development  
 -plans to use

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

-its role  
 -potential impacts of its use  
 -concerns

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Ron Harper, Industry Can  
 (613) 954-3083 or

-Deep Cosla, Industry Can (best person to talk to)

(613) 952-4081

**NAME:** Deep Cosla  
**AGENCY:** Industry Canada  
**PHONE:** (613) 952-4081

**1) each agencies awareness of ISO 14,000 initiative**

-aware

**2) experience with ISO 14,000 approach**  
**-participate in its development**

**-plans to use ->yes**

-ISO is on the horizon

-concrete initiatives by gov't occurring on two levels: Can. Advisory Commission to CSA with regards to Canada's position on process and policy and Standards Council of Canada with regards to accreditation

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**

**-potential impacts of its use**

**-concerns**

-no talk of referencing ISO in regs/statutes; too soon for that cause ISO 14,000 not even approved yet

-no discussions of ISO in CEPA

-but ISO is having an impact because so many people involved in discussions about it  
 -Canadian Manufacturer's Association and Chamber of Commerce developing training program for small and medium sized businesses to encourage ISO certification

**4) any documents for our resource library**

**5) anyone else I should talk to**

-Sheri Watson

(819) 953-3676 she is no longer with gov't

**NAME:** Michel Girard  
**AGENCY:** Can. Env. Assessment Agency  
**PHONE:** (819) 997-2262

**1) each agencies awareness of ISO 14,000 initiative**

**2) experience with ISO 14,000 approach**  
**-participate in its development**

**-plans to use ->yes**

-Auditor General recommended that fed depts seriously consider developing an EMS, ISO 14,000 a good model

-some depts have adopted version of ISO 14,000 in order to meet their sustainable development requirements under the revised Auditor General Act

-sustainable development requirements include: principles to follow and operating EMSs

-ISO 14,000 not referenced in regs/statutes cause is too principle based

-won't see too many depts referencing ISO in regs

-next batch of ISO standards (being developed over the next couple of years) will be performance based, regarding emissions, etc and thus will likely be referenced in regs.

-EC now recommends companies get ISO 14,000 certified as a preventative measure to avoid environmental problems (ie. if company is ISO certified they will be watching their env. performance and will be able to detect and correct problems before they get out of hand)

**3) views on appropriate roles for ISO 14,000 instruments or potential roles in regulatory initiatives**

**-its role**

**-potential impacts of its use**

**-concerns**

**4) any documents for our resource library**

**5) anyone else I should talk to**

**APPENDIX 2**  
**SUMMARY OF THE IMPLEMENTATION OF**  
**FEDERAL ENVIRONMENTAL STEWARDSHIP**