

# Canadian Environmental Auditing Association

## Environmental Auditor Certification Programs

Presentation to the Mexican Pollution Prevention  
Roundtable 4th National Event

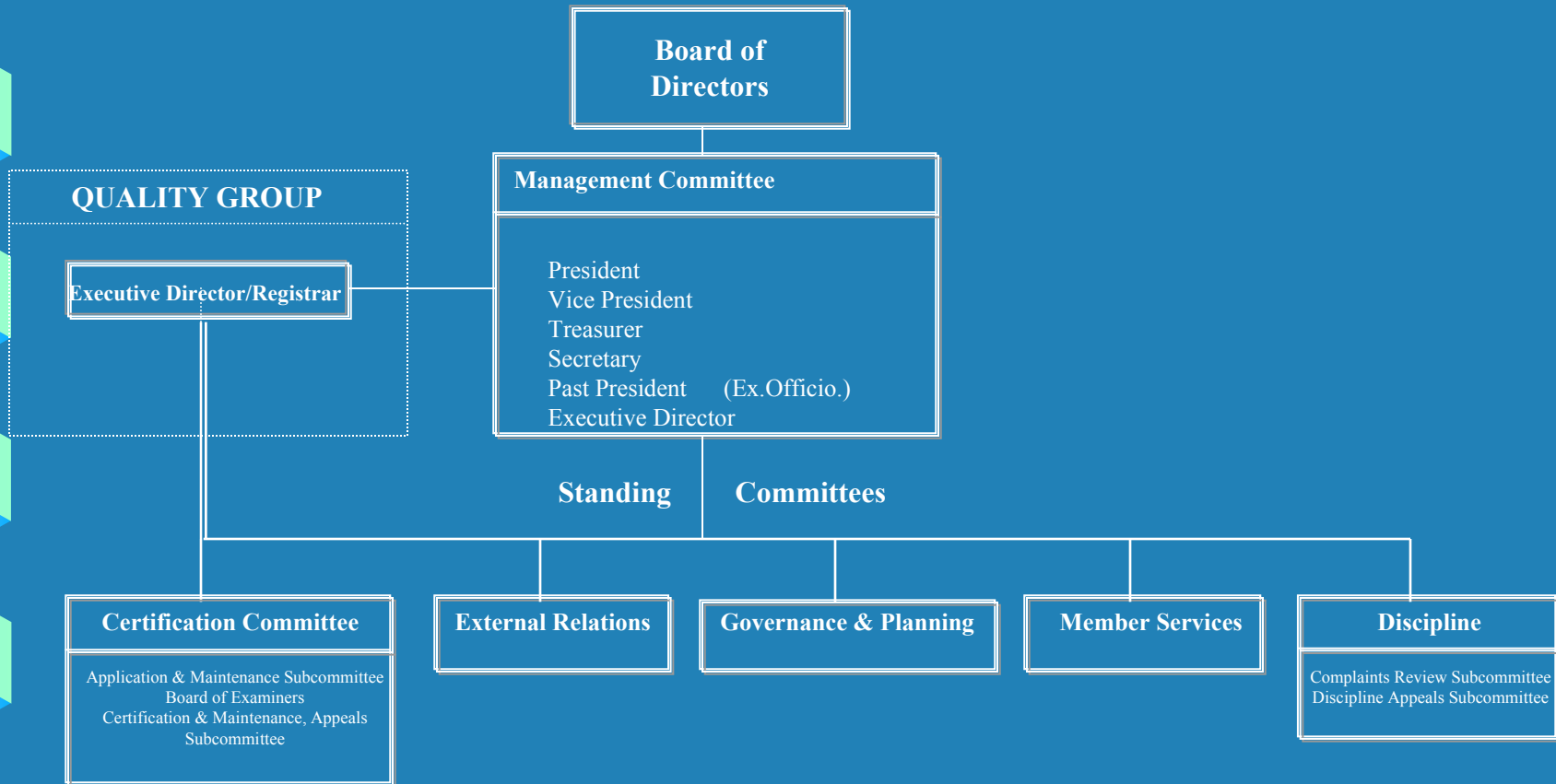


**October 1st, 2nd & 3rd**

**Guadalajara, Jalisco,  
Mexico**

J. Edward Arnold  
Past President CEAA  
Jacques Whitford Environment Ltd..  
Vice President Marketing  
Environmental Health & Safety

# CEAA Organization Chart



# CEAA

## Board of Directors

### Management Committee

**David Fairbairn - President**  
**Menno Speyer - Vice President**  
**Jim Middleton - Vice President**  
**Phil Webber - Treasurer**  
**Andy Gillam - Secretary**  
**Ed Arnold - Past President**

**2003**

### Board Members

**Esa Aatelma**  
**Ed Arnold**  
**John Critchley**  
**Colin Duerden**  
**Andy Gillam**  
**Mark Hubert**  
**Sue Keane**  
**Richard Laughton**  
**Jim Middleton**  
**Phil Webber**

**2003**

**Roy Angelow**  
**Michael Charles**  
**Bob Davidge**  
**David Fairbairn**  
**Michael Herald**  
**Roy John**  
**Todd Latham**  
**Paul MacLean**  
**Menno Speyer**



# CEAA Mission

- ∞ Encourage the development of the discipline of environmental auditing and the improvement of environmental management of Canadian public and private organizations through an auditor certification process and the application of environmental auditing ethics, principles and standards.



# CEAA Membership

Ω 450 + members across Canada

- regional presence
- U.S. and international connections
- multidisciplinary: engineers, scientists, accountants, lawyers, and consultants
- representation from individual consultants, professionals within industrial and management firms, educational establishments, government bodies, financial institutions and utility corporations
- 65% consultants; 25% industry; 10% other



# CEAA Membership

- ∩ Membership based organization
- ∩ Certified members
- ∩ Non-certified members
- ∩ Provisional auditors
- ∩ Corporate members
- ∩ Student members



# CEA Designations

∞ **CEAA certification programs lead to five designations:**

- Certified Environmental Auditor [CEA]
- Certified Environmental Sustainable Forest Management Auditor [CEA(SFM)]
- EMS Auditor [EMS(A)]
- EMS Lead Auditor [EMS(LA)]
- CESA - Site Assessors (2002)



# CEAA Auditors

∞ October 2003

- 449 members
- 263 certified members
  - 166 CEA
  - 28 CEA (SFM)
  - 130 EMS (LA)
  - 38 EMS (A)
  - 25 CEAS
  - 387 certificates in total





# Impact of CEAA designations

- ∞ Standards Council of Canada (SCC) Accreditation provides international recognition of CEAA as a certifying body
- ∞ CEAA chosen as lead environmental auditor certification body in Canada
- ∞ Certification driven by market demand
- ∞ Global arena is dynamic and CEAA is prepared to respond accordingly



# Certification Committee Structure

- ∩ Application Review Panel
- ∩ Examination Panel
- ∩ Re-certification Panel
- ∩ Appeals Panel
- ∩ SCC Conformance Panel



# CEAA Certification Process

## ∞ Application Review

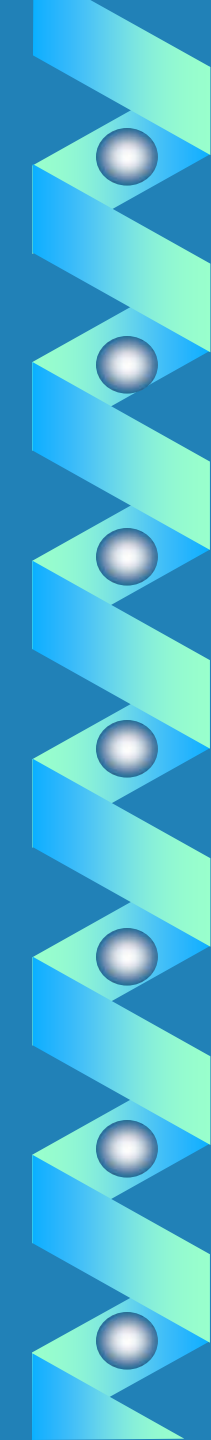
- Review / reference verification by Registrar
- Approval by Application Review Panel

## ∞ Written Examination for CEAs & CEA(SFM)s

## ∞ Successful candidates listed in CEAA Registry

## ∞ Re-certification - three year cycle





# CEAA Body of Skills and Knowledge for Environmental Auditors

**Four broad components:**

- ∞ **Environmental Auditing**
- ∞ **Environmental Management Systems, Standards and Practices**
- ∞ **Environmental Aspects, Impacts and Technology**
- ∞ **Environmental Legislation, Regulations and other requirements**



# CEAA Qualification Criteria

- ∞ Education
- ∞ Work Experience
- ∞ Formal Training
- ∞ Environmental auditing experience
- ∞ Personal Skills and Attributes
- ∞ Adherence to CEAA Code of Ethics



# CEAA Body of Skills and Knowledge (BOSK) for certified environmental auditors

## ∞ BOSK fulfils four important requirements:

- summary of skills and knowledge expected of certified environmental auditors
- a broad study guide of what a candidate needs to learn
- provides the framework of subject matter content for developing the curricula for training courses
- represents the basis for CEAA's examination process





# CEAA Body of Skills and Knowledge (BOSK) (CEA)SFM version

## ∞ Two additional sections:

- Defined Forest Area, Criteria and Indicators for Sustainable Forest Management
- Sustainable Forest Management Systems, Standards, and Practices



# CEAA Evolving Situation

∞ CEAA has found it ineffective and a financial burden to operate a certification program due to:

- the use of volunteers
- the cost of being accredited to ISO 14012 by the SCC
- the cost of maintaining an office & staff

∞ Negotiations have been completed to outsource the certification of environmental auditors

∞ In future the Canadian Council of Human Resources in the Environment Industry (CCHREI) will be seeking SCC accreditation under ISO 17 24 and will be the certifying body





# CEAA Evolving Situation continued:

- ∞ The CEAA will revert to being a membership based organization, similar to the Auditing Roundtable in the USA
- ∞ CEAA will have representation on the CCHREI Auditing Steering Committee
- ∞ CEAA will be involve in the development of new auditor certification programs
- ∞ CEAA will be the lead in developing auditing standards & practices
- ∞ CEAA will sponsor conferences & other educational programs (continuing education units {CEU's})
- ∞ CEAA will continue to operate an external relations committee and be the prime contact for TAR / BEAC / NACEC & others

