



**The International Pipe Line & Offshore Contractors Association**

**HSE Committee**

[www.iploca.com](http://www.iploca.com)

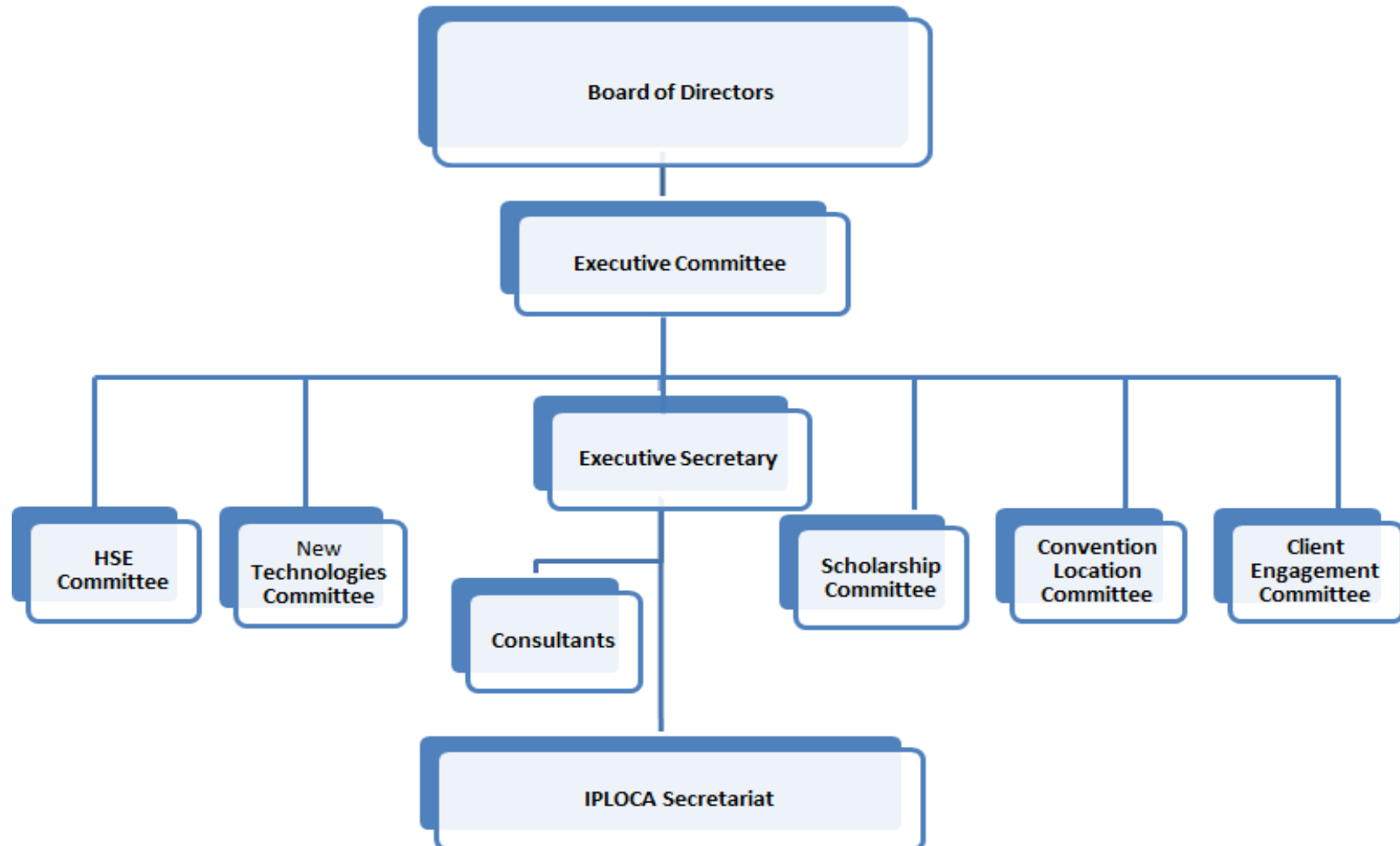


# IPLOCA

INTERNATIONAL PIPE LINE  
& OFFSHORE CONTRACTORS ASSOCIATION



## IPLOCA Leadership





# IPLOCA

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**Mission:** IPLOCA's mission is to provide value to members through a forum for sharing ideas, engaging the industry and its stakeholders, facilitating business opportunities and promoting the highest standards in the pipeline industry.

**Committee  
Initiatives**

**Awards**

Value to members and recognition by key  
Oil & Gas Stakeholders

**2 Pillars  
to provide  
value**

**Annual  
Convention**

**Regional  
Meetings**

Networking & Social Engagement

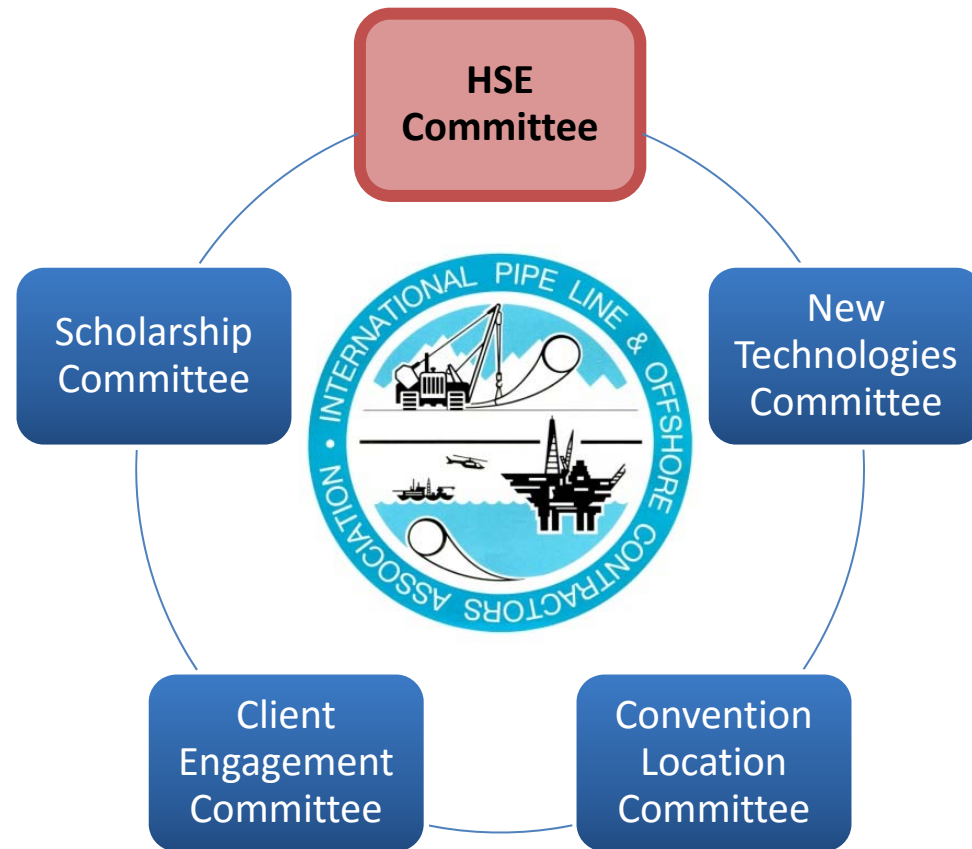


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## Committee Initiatives & Awards



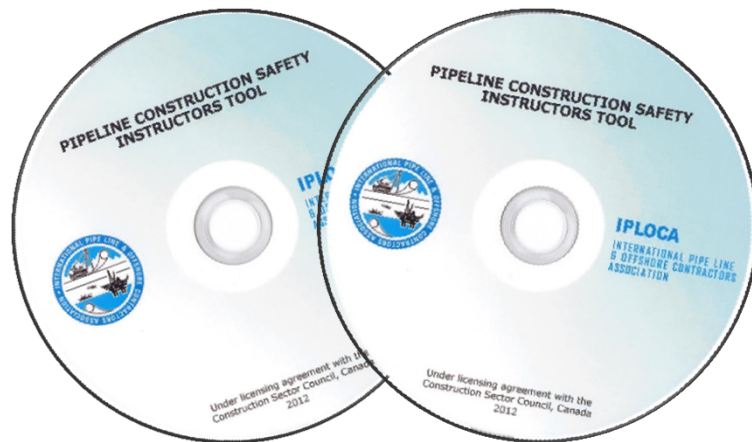


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## HSE E-Learning Program



- Training tool for all workers
- Specifically developed for Pipelines
- Includes images and videos
- Adapted to all countries
- Created with the support of Canada
- Can be uploaded on Intranets







# IPLOCA

## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### Environmental Statistics Annual Reports

**2013 IPLOCA Environmental Statistics Report**

**Message from the HSE Committee**

The IPLOCA HSE Committee has reviewed carefully the 2013 Environmental statistics received from members. We are now in the 4th year of submission and the rate of response remains high at 70% of Regular Members, showing a qualification from last year. The HSE Committee will continue its efforts to try and obtain a higher rate of return, in order to provide more valuable information to all members.

Statistics received show an increasing number of companies using an EMS, with a record rate of 90%. This, together with the very interesting large panel of environmental initiatives, is extremely encouraging and shows that our industry is more and more actively engaged in the protection of our environment.

**Introduction**

With members in more than 40 countries, IPLOCA is proud to represent some 750 of the key players in the offshore and offshore pipeline construction industry worldwide. IPLOCA recognises the pipeline industry's responsibility to the community regarding social and environmental protection and is committed to actively promoting the adoption of all practicable measures to ensure that pipeline planning, engineering and construction are conducted efficiently in a sustainable, social and environmentally responsible manner.

IPLOCA is always looking at new initiatives and established the Environmental Statistics Return Form in 2010.

The goal of this form is to respond to growing worldwide trends in environmental accountability. IPLOCA's hope is that this form will save members who are already active in the environmental management domain, and allow us all examples to those who have yet to undertake any such action.

We strongly encourage all Regular Members and Associate Members who have filed construction activities to provide the information so that the entire membership can benefit from the aggregated information.

**Number of Submissions**

Year	Number of Submissions
2010	99
2011	85
2012	88
2013	87

The 2013 IPLOCA Environmental Statistics were compiled from data provided by 82 Regular Members (76% of total Regular Membership), and 5 Associate Members.

**Worked Hours (inclusive of overtime)**

Year	Worked Hours (in millions)
2010	420
2011	515
2012	500
2013	470

The number of hours is reported in the way that the employment, please note that this does not include the regional offices staff.

**Environmental Management Systems**

**Application of an EMS by IPLOCA Members**

Year	Yes	No
2010	70%	30%
2013	90%	10%

A high adoption rate of EMS's exists within the IPLOCA membership.

**ISO 14001 certified IPLOCA Members**

Year	Yes	No
2010	20%	80%
2013	70%	30%

The ISO 14001 environmental management system certification has a 70% adoption rate - clearly a leading participant in the pipeline industry.

**CO<sub>2</sub> Emissions**

**Calculation of CO<sub>2</sub> Emissions**

Year	Yes	No
2010	20%	80%
2013	90%	10%

90% of the members choose to use CO<sub>2</sub> emissions as an indicator of their environmental performance, and 40% choose to apply a carbon emission reduction policy.

**Application of a Carbon Emission Reduction Policy**

Year	Yes	No
2010	40%	60%
2013	60%	40%

**Environmental Incidents**

**Environmental Incident Frequency Rates (per million worked hours)**

Year	Frequency Rate
2010	0.01
2011	0.02
2012	0.02
2013	0.02

**Major vs. Minor Incidents**

Category	Percentage
Legal release	6%
Air emission	100%
Water disposal	2%
Other environmental activities	24%
Major	47%
Minor	53%

For complete details on classification of incidents, please visit our website: [www.iploca.com](http://www.iploca.com)



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### The Road to Success

#### Contents

##### **VOL 1**

1. Introduction
- 2. Health & Safety Management Plan**
3. Development Phases of a Pipeline Project
4. The Baseline of a Construction Contracts
5. Dealing with risks in pipeline projects
6. Planning and Design
7. Earthworks
8. Crossings

##### **VOL 2**

1. Logistics
2. Welding
3. Non destructive tests
4. Pipeline protection systems
5. Pipelines and the Environment
6. New trends and Innovation



**1<sup>st</sup> Edition: September 2009**  
**2<sup>nd</sup> Edition: September 2011**  
**3<sup>rd</sup> Edition: September 2013**  
**4<sup>th</sup> Edition: September 2016**



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A black and white photograph of a person's hands holding a white rectangular sign. The person is wearing a dark jacket and a watch on their left wrist. The sign is held in front of their chest. The background is a blurred image of the same person's face and upper body.

WORKSHOP



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IPLOCA HSE AWARDS

## Giving “value” to our members

- Rewarding those members who are “Leading by example”
- Sharing with all our members all these initiatives
- Helping to identify “what else could be done”



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Health & Safety Award sponsored  
by Chevron



- Annual Award
- Rewarding members who submit innovative systems or initiatives.
- IPLOCA HSE Committee reviews entries, and designates winner and runners-up
- Entries of the winners are published in our website [www.iploca.com](http://www.iploca.com)



# IPLOCA

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Environmental Award sponsored  
by Shell



- Every alternate year Award: 2008 - 2010 – 2012 – 2014 – 2016..
- Rewarding members who submit innovative systems or initiatives
- IPLOCA HSE Committee reviews entries, and designates winner and runners-up
- Entries of the winners are published in our website [www.iploca.com](http://www.iploca.com)



# IPLOCA

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Corporate Social Responsibility  
Award sponsored by Total



- Every alternate year Award: 2011 – 2013 – 2015 – 2017...
- Rewarding creative initiatives with large community impact with small investment
- IPLOCA HSE Committee reviews entries, and designates winner and runners-up
- Entries of the winners will published in our website [www.iploca.com](http://www.iploca.com)



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IPLOCA Safety Share Experience platform

## Giving “value” to our members

- On-line system to upload “Safety Alerts”
- Sharing lessons learned to help others
- Soon available to everyone



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**Safety Shared Experiences Platform** | [Safety Training DVD](#) | [H&S Statistics Report](#) | [Environmental Statistics Report](#) | [The Road to Success](#) | [IPLOCA Newsletter](#) | [IPLOCA Yearbook](#) | [Media Partners Publications](#)

## Safety Shared Experiences Platform

The aim of this repository is to offer a useful and user friendly database for lessons learned, safety alerts and best practices.

All IPLOCA members are strongly encouraged to submit documents to [hse@iploca.com](mailto:hse@iploca.com)

IPLOCA Members can also [subscribe to notifications](#) when new documents are available.

**Guidelines**

**Form**

**Template**

Category	All	▼
Description	All	▼
Year	All	▼

Description	Category
<a href="#">Confined spaces</a>	Lessons learned
<a href="#">Confined spaces</a>	Safety alert
<a href="#">Electricity</a>	Lessons learned
<a href="#">Electricity</a>	Safety alert
<a href="#">Excavation/earth collapse</a>	Safety alert
<a href="#">Fire - explosion</a>	Safety alert
<a href="#">Hand tools</a>	Lessons learned
<a href="#">Hand tools</a>	Safety alert
<a href="#">Hazardous substances</a>	Safety alert
<a href="#">Impact with construction equipment</a>	H&S Award winners
<a href="#">Impact with construction equipment</a>	Lessons learned
<a href="#">Impact with construction equipment</a>	Safety alert



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## Confined spaces

This page contains exclusively safety alert from accidents resulting from a limited working space

[Excavation work](#) 2015  
[Contamination of confined space with hazardous gases](#) 2013

[back](#)