



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

## **Update of Activities & Initiatives**

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



# IPLOCA

## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



IPLOCA with more than 50 years...

Past

Present



**20 June 1966**  
International  
Division of  
PLCA founded  
in Paris

**1976** – Became  
fully independent  
after an increase  
in membership

**1988** – IPLCA  
extended to  
include Offshore  
companies and  
become IPLOCA

**1992** – IPLOCA  
established its  
offices in Ghent,  
Belgium

**2005** – IPLOCA  
moved the  
Secretariat to  
Geneva  
Switzerland

**2016** – IPLOCA  
created the  
Corresponding  
Member category





# IPLOCA

INTERNATIONAL PIPE LINE  
& OFFSHORE CONTRACTORS ASSOCIATION



## Membership

Regular Members

Major Onshore & Offshore  
Contractors & Subcontractors

Associate Members

Vital Support Services, Equipment,  
Materials, Tools, and Supplies

Corresponding  
Members

Owners and operators of pipelines  
who have interest in IPLOCA

Academic Members

Academic Pipeline Institutions

Honorary Members

Personalities of the Industry and  
great contributors to IPLOCA

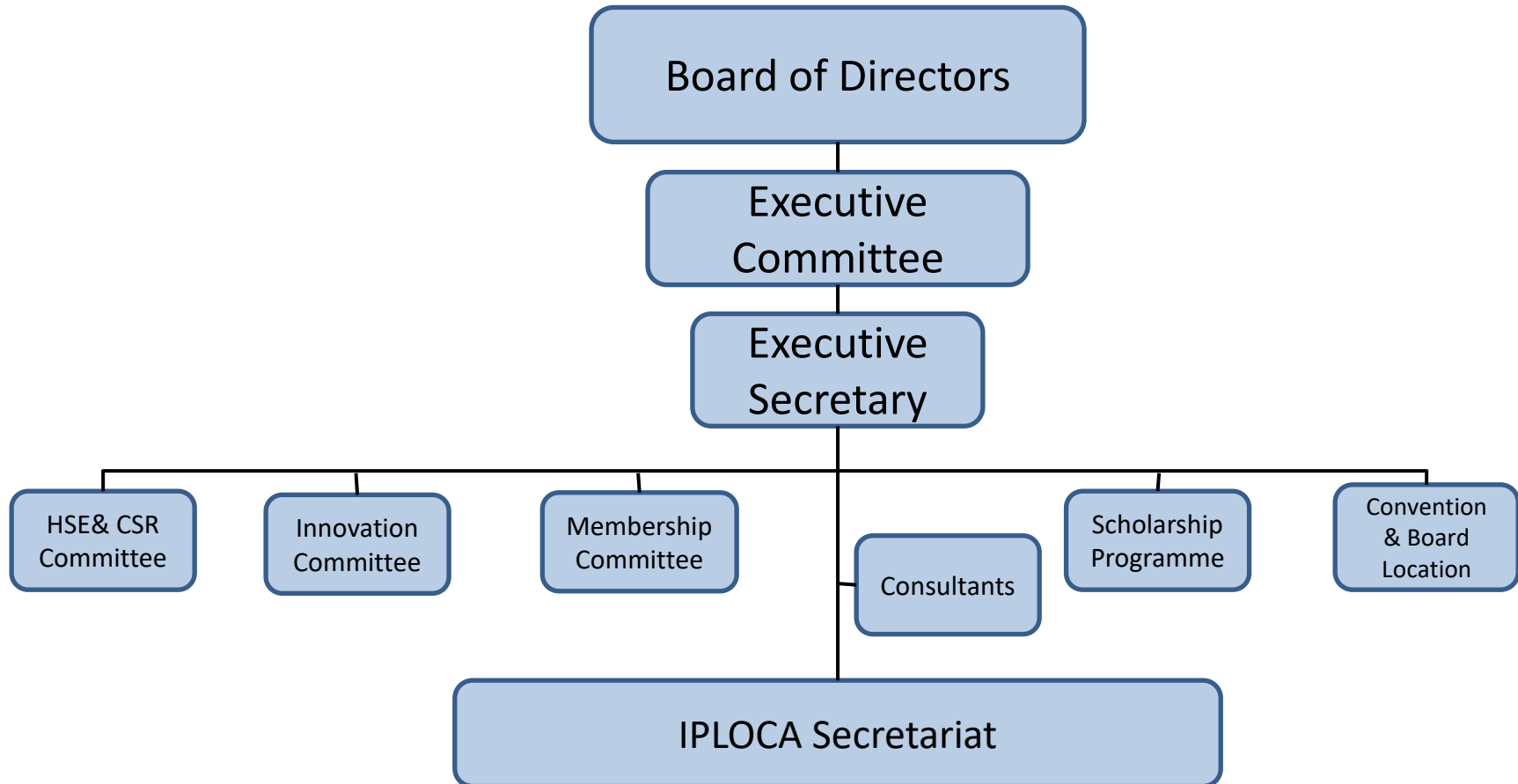


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## IPLOCA Leadership





# 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**

**2 Pillars  
to provide  
value**

**Annual  
Convention**

**Regional  
Meetings**

Value to members and recognition by key  
Oil & Gas Stakeholders

Networking & Social Engagement



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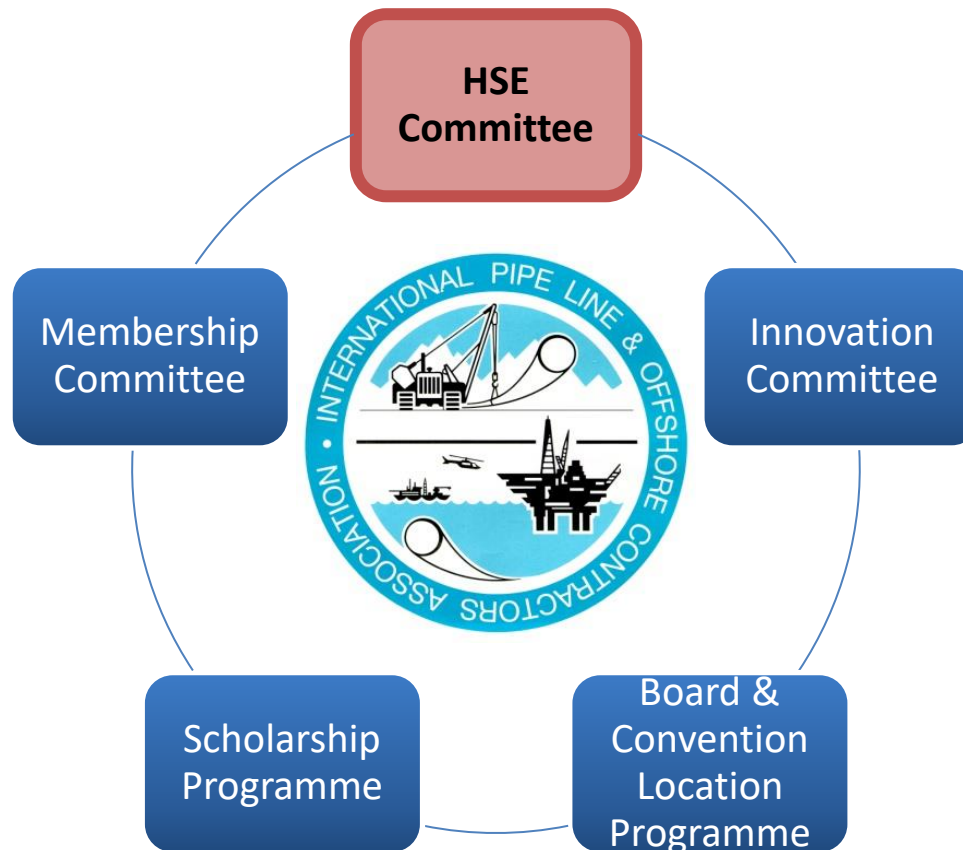


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## Committee Initiatives & Awards





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## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### Annual HSE Statistic Reports

#### Overall Results

IPLOCA has been collecting health and safety statistics from member companies since 1999. We continue to strive to meet our objective of receiving 100% returns from our Regular Members which will, obviously, in our being able to communicate more representative data.

#### Fatalities

Year	2008	2009	2010	2011	2012	2013
Fatalities	23	21	19	26	21	11

Fatalities Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	0.031	0.027	0.028	0.042	0.034	0.017

#### Lost Time Injury Cases (LTI)

Year	2008	2009	2010	2011	2012	2013
LTI	869	864	782	816	1,208	782

LTI Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	1.18	1.09	1.10	1.40	1.68	1.21

#### Lost Work Days (LWD)

Year	2008	2009	2010	2011	2012	2013
LWD	15,579	24,892	16,987	25,216	31,206	19,759

LWD Severity Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	21.30	31.83	23.17	42.35	49.98	28.96

#### Total Recordable Incident Rate (TRIR)

Year	2008	2009	2010	2011	2012	2013
TRIR	3.78	4.46	4.30	6.96	7.48	3.53

TRIR: number of TRIR x 1,000,000 / total worked hours

#### Definitions for Spill of LTI

- Involving falls**  
An incident as a direct result of working at height (higher than waist level above the surrounding grade level or surface, crane, scaffolding, etc.) but not limited to falls as a direct result of the erection, dismantling or use of any type of scaffolding, including the use of fixed and moving ladders.
- Excavation/earth collapse**  
An incident as a direct result of any kind of earth moving operation, be it by hand or with machines or explosives.
- Confined spaces**  
Accident resulting from a limited working space.
- Impact with construction equipment**  
An incident as a direct result of operating a piece of construction equipment or machinery including, but not limited to, pumps, compressors, mixers, turbines, cranes, earth moving equipment, etc.
- Working operations**  
Accident occurring as a consequence of welding operations, including but not limited to arc burn.
- Hazardous substances**  
Accident occurring when processing, handling or transportation of a hazardous or toxic material. Accidents occurring when processing, handling or transportation of a hazardous or toxic material.
- Other**  
Accident that cannot be logically classified into any of the categories above.

#### Medical Treatment Cases (MTC) Not including First Aid

Year	2008	2009	2010	2011	2012	2013
MTC	2,206	2,808	3,197	2,078	2,965	1,207

MTC Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	3.15	4.30	4.62	3.26	4.75	1.60

#### Road Traffic Incidents / Accidents

Year	2008	2009	2010	2011	2012	2013
RTA	973	728	802	773	585	608

RTA Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	1.34	0.90	1.01	1.24	0.86	1.01

#### Near Misses

Year	2008	2009	2010	2011	2012	2013
Near Misses	6,109	24,868	20,858	11,711	8,497	7,088

Near Misses Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	8.95	35.25	30.25	16.51	12.09	10.19

#### HSE Training Hours

Year	2008	2009	2010	2011	2012	2013
Hours	9,778,451	11,764,842	11,949,942	10,838,749	8,884,430	4,977,801

HSE Training Frequency Rate (per million worked hours)

Year	2008	2009	2010	2011	2012	2013
Rate	13.68	16.35	16.35	15.08	12.48	7.02

#### Total Recordable Incident Rate (TRIR)

Year	2008	2009	2010	2011	2012	2013
TRIR	3.78	4.46	4.30	6.96	7.48	3.53



# IPLOCA

INTERNATIONAL PIPE LINE  
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Health & Safety Workshop

**One day**  
**immersion**  
**October 2022**

- Targeted to Safety and Operational Managers of all members
- Clients' specialists also participate
- International expert speakers and facilitators



# IPLOCA

INTERNATIONAL PIPE LINE  
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## Health & Safety Workshop

**One day**  
**immersion**  
**October 2022**

- Members will share their lessons learned and actions taken
- All information will be posted on the IPLOCA website

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



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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 TC Energies



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



# IPLOCA

INTERNATIONAL PIPE LINE  
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Environmental Award sponsored  
by Shell



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



# IPLOCA

INTERNATIONAL PIPE LINE  
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Corporate Social Responsibility  
Award sponsored by TotalEnergies



- Every Alternate Year Award
- Rewarding creative initiatives with large community impact with small investment
- IPLOCA HSE committee reviews entries, and designates winner and runners up
- Entries and the winners will published in our website [www.iploca.com](http://www.iploca.com)



# IPLOCA

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IPLOCA Safety Shared Experiences

## Giving “value” to our members

- On-line platform to share experiences
- 300 documents already uploaded
- Available to everyone
- IPLOCA Members can subscribe to notifications



# IPLOCA

## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### IPLOCA Safety Shared Experiences

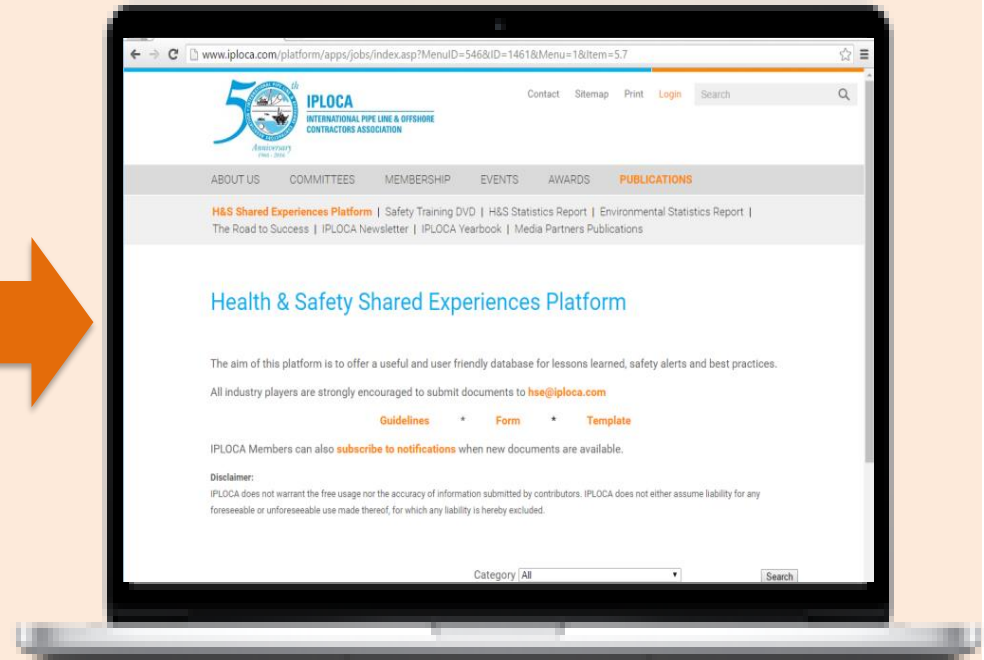
## Share your Experience

**Guidelines**  
Do's and don't's

**Form**  
Basic information on submission

**Template**  
Sample document for a submission

**Notifications**  
Subscribe to receive updates





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### IPLOCA Safety Shared Experiences

# Learn from the Experiences of Others

## 1) Select a section

Description	Category
Confined spaces	Lessons learned
Confined spaces	Safety alert
Electricity	Lessons learned
Electricity	Safety alert
Excavation/earth collapse	Lessons learned
Excavation/earth collapse	Safety alert
Falling and moving objects	Lessons learned
Falling and moving objects	Safety alert
Fires - explosion	Safety alert
Hand tools	Lessons learned
Hand tools	Safety alert
Hazardous substances	Safety alert
Health	Lessons learned
Impact with construction equipment	H&S Award winners
Impact with construction equipment	Lessons learned

## 2) Review the content

**Impact with construction equipment**

This page contains exclusively lessons learned from accidents as a direct result of operating a piece of construction equipment or machinery including, but not limited to, pumps, compressors, mixers, turbines, boilers, cranes, earth moving equipment, etc.

Controls in excavators	2015
Off loading operation during wet and rainy conditions	2015
Overhead Powerline Incident	2015
Overturn of an excavator	2015
Snapped wire cable of piling rig	2015

[back](#)

## 3) Learn and promote

**Near Miss Reporting**

- 36" or larger
- Pipe
- As on
- wind
- to mi
- Andy
- falling
- back
- sugg
- is a B)

**WHAT HAPPENED**

**Overturn of excavator**

**CAUSES**

- Inadequate risk assessment with regard to driving/traveling on small pipes caused
- A lack of communication between the two being performed
- A failure to ensure that practice for the operation of excavator on pipes
- Inspected, after the Director of the company
- Each of the above having equal contribution

**WHAT DESCRIPTION**

To facilitate the passing of a site vehicle on road, the operator positioned the excavator on side slope of a small pile of excavated material. Subsequent to the vehicle passing, when the operator began to reposition the excavator down from the material, the excavator toppled and fell off the pile.

**ACTIONS**

- Operating methods
- Review of procedures for the assessment of competence of heavy equipment operator collection
- Three lessons learnt from this incident by the issuance of safety alert
- Training
- Specific training course developed and delivered to operators regarding when working on roads for cutting a closed area

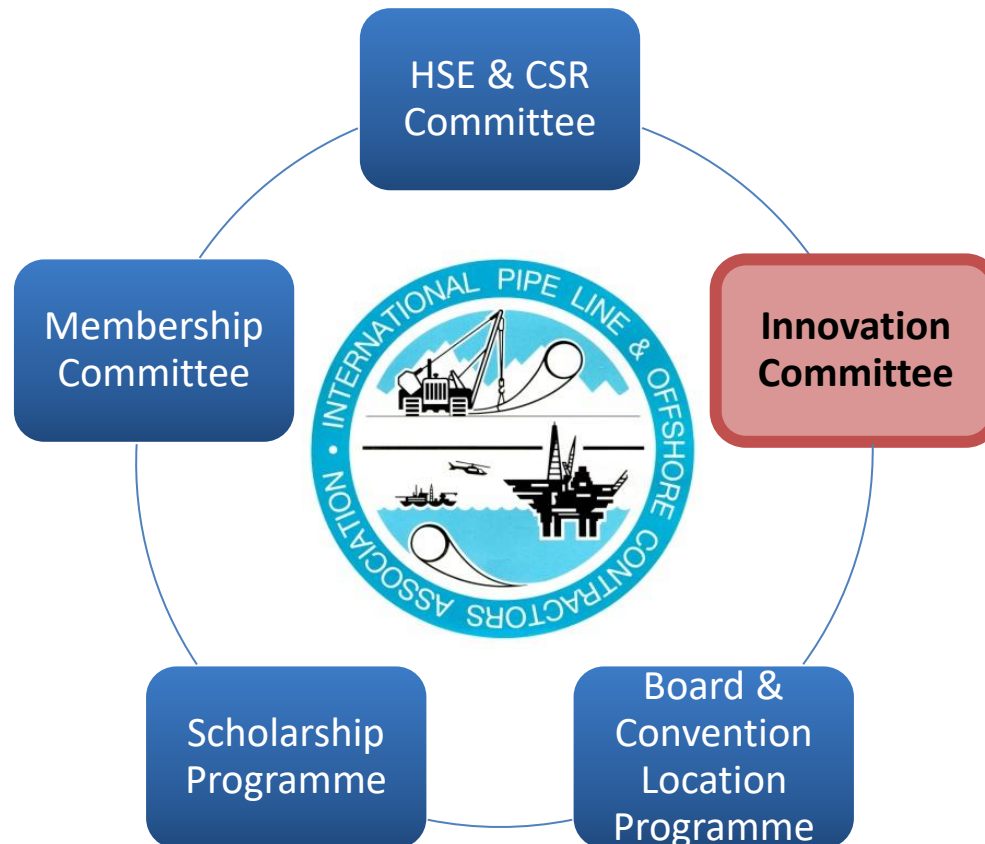


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## Committee Initiatives & Awards





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Innovation Committee

## Key Initiatives

- Novel Construction initiative
- Awards
- Co-funding of research projects



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## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### Novel Construction Initiative

**Mission:** To stimulate innovation in the technology and processes required for execution of pipeline projects by engaging all contributors to the pipeline construction supply chain.

Next Spring Session:  
27-28 April 2022  
Paris, France





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## NOVEL CONSTRUCTION SESSIONS

### An “open forum” to stimulate innovation

- Members & non-members present their new technologies
- Work groups continue to develop “The Road to Success”
- Research projects to be co-funded are selected



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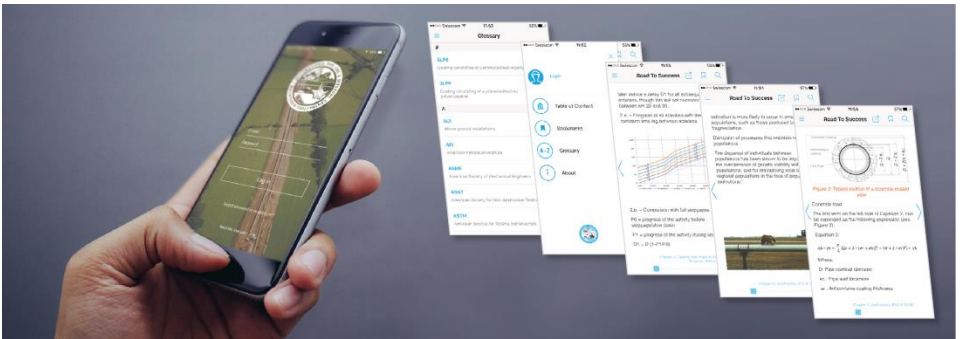
## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### The Road to Success

#### Contents

1. Health and Safety in Pipeline Projects
2. Development Phases of a Pipeline Project
3. The Baseline of a Construction Contract
4. Dealing with Risks in Pipeline Projects
5. Planning and Design
6. Earthworks
7. Crossings
8. Logistics
9. Welding
10. Non-Destructive Tests
11. Coatings
12. Pipelines and the Environment
13. New Trends and Innovation
14. Bending
15. Hydrostatic Testing & Precommissioning
16. Research Projects



**1<sup>st</sup> Edition: September 2009**  
**2<sup>nd</sup> and 3<sup>rd</sup> Edition: September 2011 & 2013**  
**4<sup>th</sup> Edition: February 2017**  
**5<sup>th</sup> Edition: July 2017**



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New Technologies Award  
sponsored by BP



- Every Alternate Year Award
- Members submit company initiatives, programs etc.
- IPLOCA New Technologies committee reviews entries, and designates winner and runner ups
- Entries and the winners are published in our website [www.iploca.com](http://www.iploca.com)



# IPLOCA

INTERNATIONAL PIPE LINE  
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## Excellence in Project Execution Award



- Every Alternate Year Award
- Members submit company projects
- IPLOCA New Technologies committee reviews entries, and designates winner and runner ups
- Entries and the winners are published in our website [www.iploca.com](http://www.iploca.com)

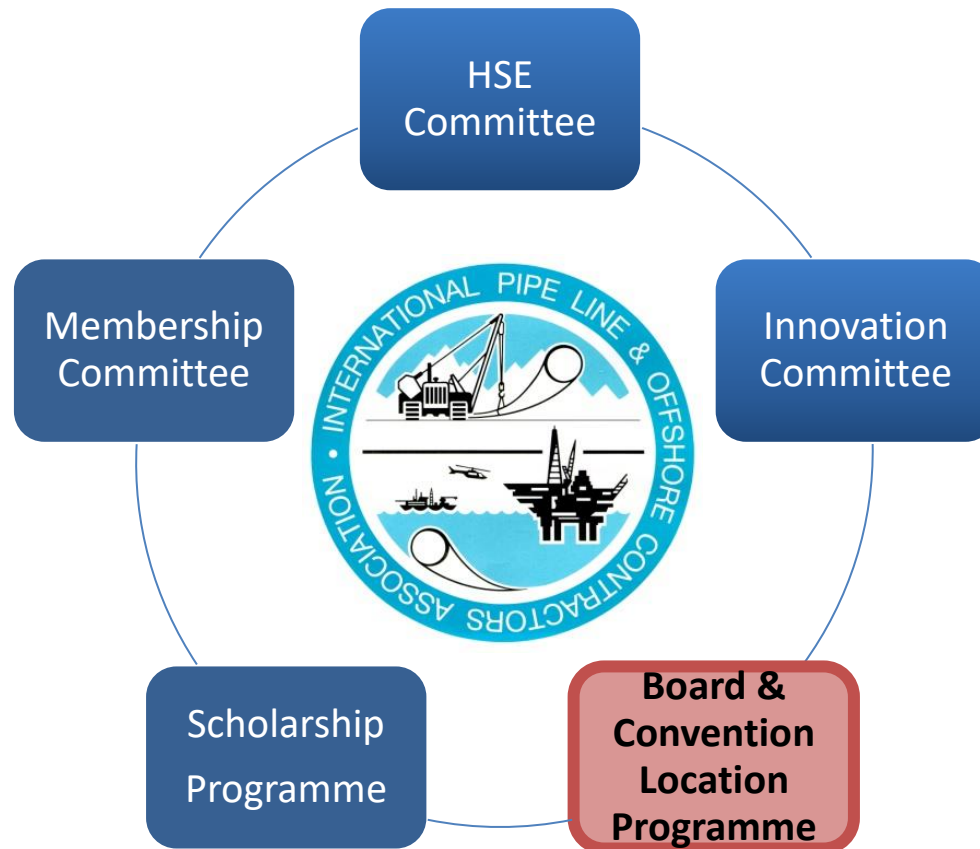


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## Committee Initiatives & Awards





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## Board and Convention Location Programme

### Key objectives

- Propose location to hold future Conventions
- Select speakers for in-coming Convention
- Help IPLOCA's President in selecting Board Meeting cities

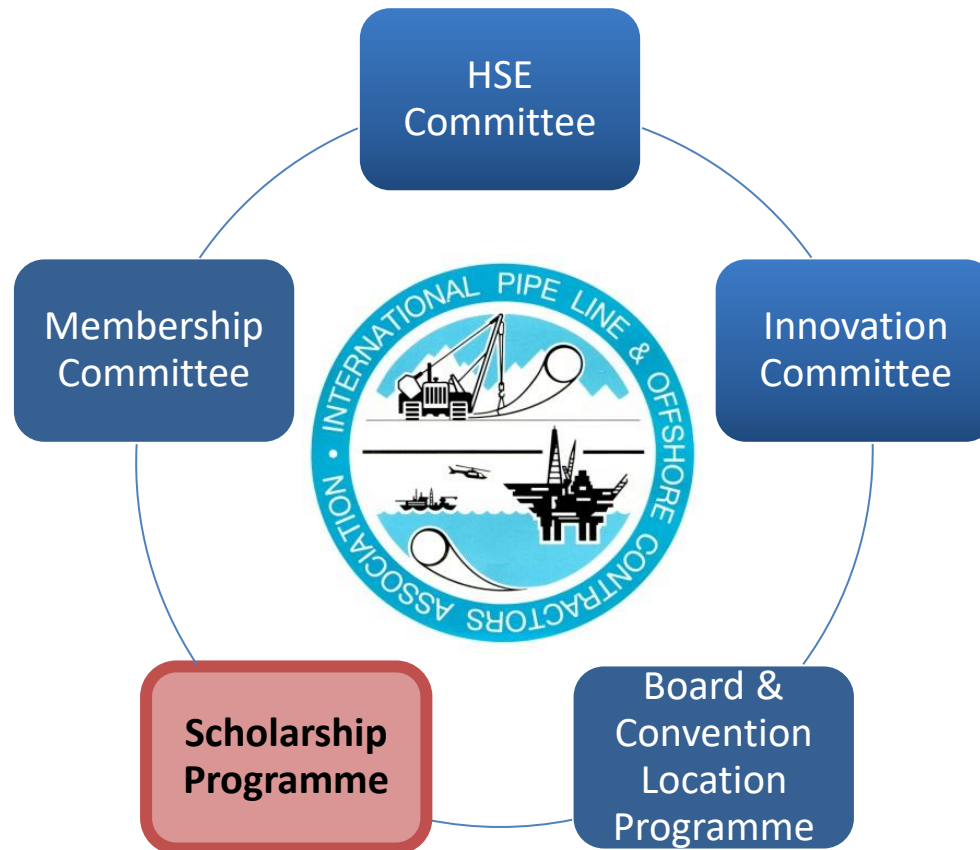


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## Committee Initiatives & Awards





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Scholarship Programme

## Scholarship programme

- Aimed to children of Member employees
- Selection made by Scholarship America
- 20 students awarded in 2016, 2017, 2018, 2019, 2020 & 2021



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Scholarship Programme

## Key objectives

- Find financing sources after the six year test period
- Continue and expand number of scholarships awarded
- Establish a long term scholarship programme

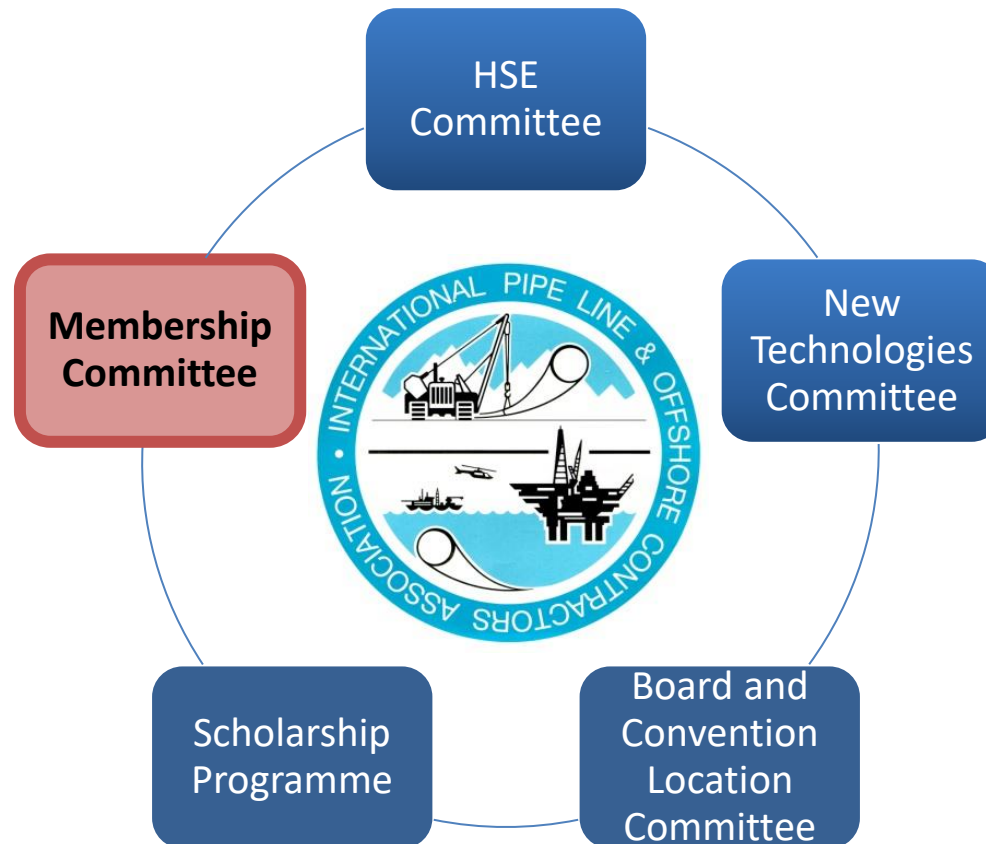


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## Committee Initiatives & Awards





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Membership Committee

## Key objectives

- Encourage members to participate in IPLOCA activities
- Assist in identifying potential new Members
- Increase the number of Corresponding Members



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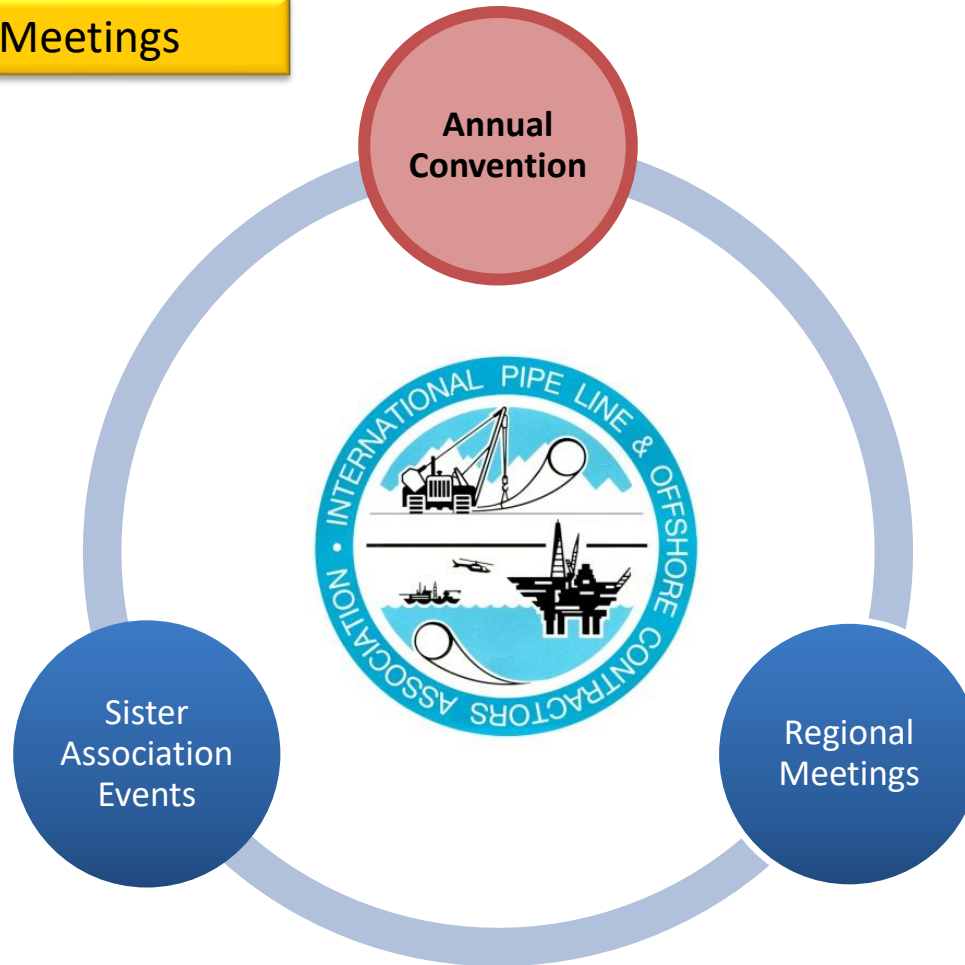


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### Convention and Meetings





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### Prague 54<sup>th</sup> Convention



**19-23  
September  
2022  
The Hilton  
Prague**





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IPLOCA Annual Convention

## Key facts

- Has been the most important event of IPLOCA for years
- Offering an open forum with top leaders of our industry
- Five days of business sessions, social events and tours

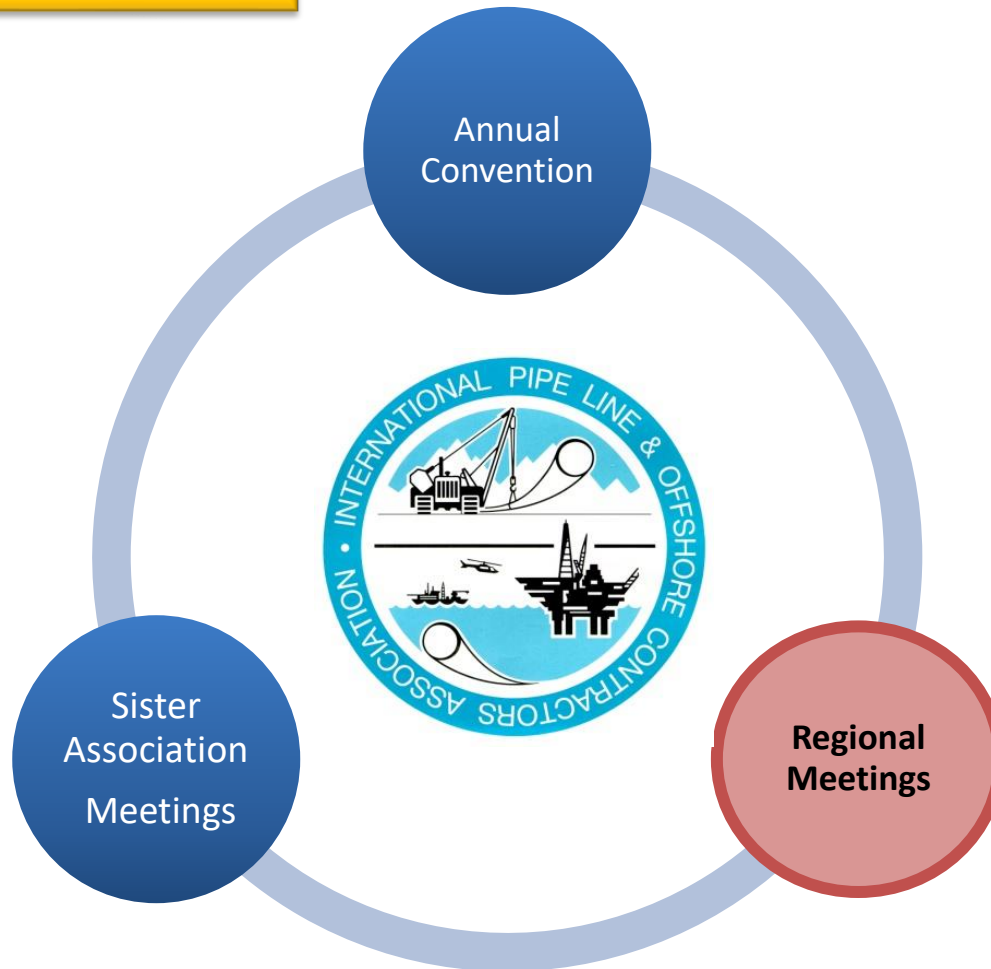


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## Convention and Meetings





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## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



### Regional Meetings

### Main Objectives

- to provide an update on IPLOCA's initiatives
- to give members a chance to express their ideas/needs for IPLOCA
- to establish a closer contact with clients
- to get updated on local projects being launched
- to discuss issues affecting our industry
- to open the doors to potential members



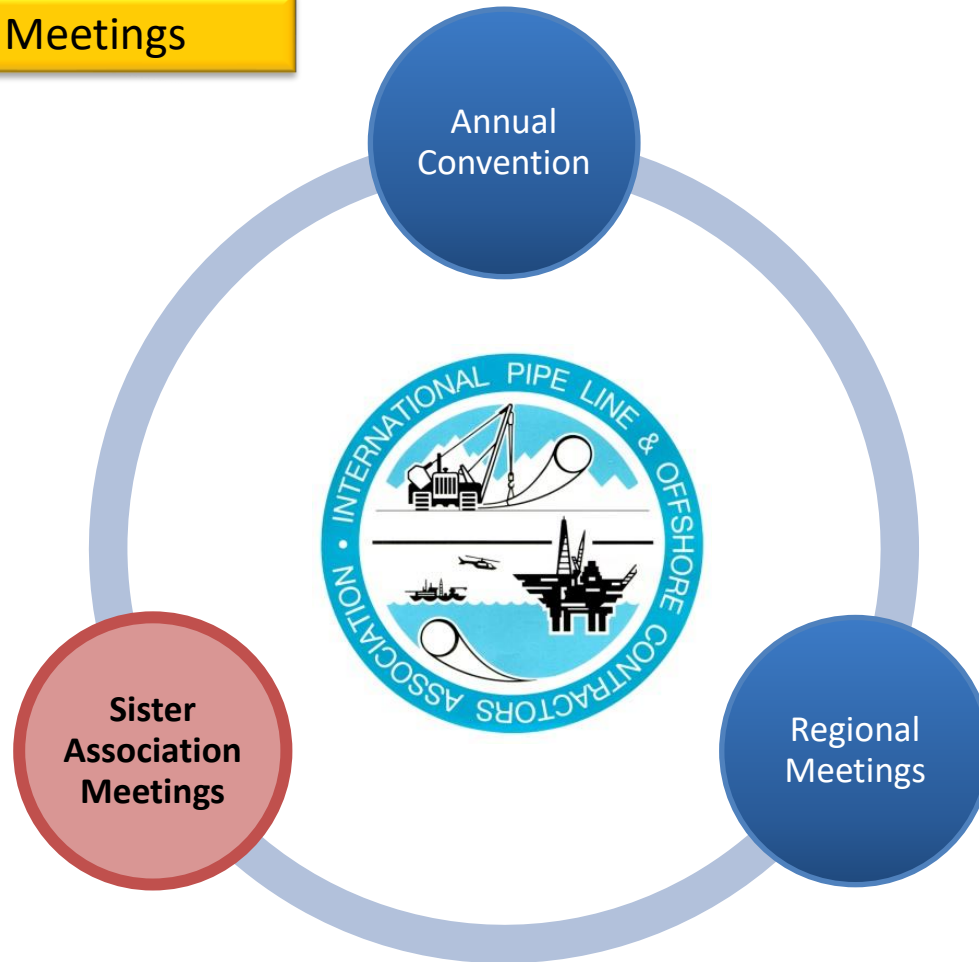


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## Convention and Meetings





# IPLOCA

## INTERNATIONAL PIPE LINE & OFFSHORE CONTRACTORS ASSOCIATION



Coordination with World Federation



**The World Federation of Pipe Line Industry Associations (WFPIA)** meets on a quarterly basis to discuss common issues that the member associations face, and bring to the table topics that will benefit the industry in general.



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## Sister Association Meetings

### Representing members all over the world

- Attending 3-4 annual meetings of our Sister Associations
- Meeting sister's leaders to discuss common subjects
- Offering a closer contact to all companies worldwide



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IPLOCA

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