



IPLOCA Innovation Committee

Bill Solomon

Innovation Committee Chairman





INNOVATION COMMITTEE 2018-2019 ACTIVITIES

- Every year Two Novel Sessions held: this year one in Madrid and one in Geneva.
- New chapters and updates are being produced for RTS App using a new platform to facilitate Group's work.
- > A new quarterly technical journal idea is being developed.
- Discussion Forums for the members.
- Business Plan for the ideas above initiated, and is ongoing.

NEXT NOVEL SESSION (INNOVATION MEETING)

- New Technologies will be presented
- More material for "The Road to Success" will be added
- > It will be held together with H&S workshop

In Geneva, October, 23 - 24 Registration is OPEN!!!

MEMBERS → **Please send your people!!!**









IPLOCA New Technologies Award sponsored by BP







IPLOCA Awards

Awards are intended to:

- Reward those who are "leading by example"
- Share information amongst the industry
- Inspire the industry for new initiatives
- Profile the industry trends





















16 entries received











SUBMISSIONBY

CATERPILLAR

NEXT GENERATION **EXCAVATORS**

















IPLOCA New Technologies Award sponsored by BP 2019

IoT Enabled Enterprise Solution To

IMPROVE CONSTRUCTION SAFETY & PRODUCTIVITY

















2019 IPLOCA - New Technologies Award

Sponsored by

TRACKING AND COMMUNICATING SITE PROGRESS WITH DRONES

Kalpataru Power Transmission Limited
Mumbai - India









LIEBHERR Pipelayer Operation 4.0

LIEBHERR























Maats IB – Internal Bending Machine

Entry for the IPLOCA New Technologies Award Sponsored by



Bangkok Convention 2019



Rev. 1 – October 2019 Copyright Maats DDD







Bangkok 2019





























WHAT IS ROWD AND HOW DOES IT BENEFIT THE PIPELINE INDUSTRY?

















20th IPLOCA IPLOCA Environmental Award sponsored by Shell

AS BUILTS
ILLUSTRATION OF THE
INITIATIVE
SAIPEM
AT A GLANCE







SPD Padding Machine Rotating Cabin

Designed by SCAIP



bp









bp



Pipelayer SPX 903

Designed by SCAIP







SMART CARRIER













DOUBLE STAGE COUNTERWEIGHT PIPELAYER





bp









VACUWORX



Vacuworx CC-MP

Computer Controlled Multi-Pad Vacuum Lifting
System









The Electric Vacuum Pipe Lifter

2019 IPLOCA New Technologies Award











2019 IPLOCA New Technologies Award

2 entries selected









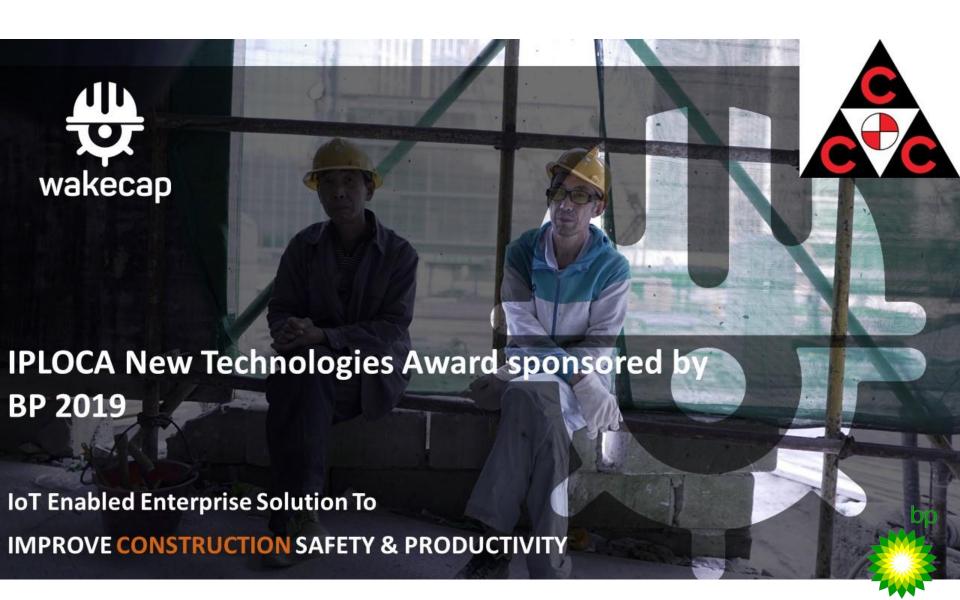


2019 IPLOCA New Technologies Award

Runner-up













What is WakeCap?

WakeCap is a solution that connect workers by simply wearing a hardhat!



WakeCap is a **safety & tracking** device integrated with construction helmets to provide real-time, cloud-based visibility into worker **attendance**, **location** and **accidents**



First-of-its-kind solution to **overcome** all the challenges in digitizing the construction sector











2019 IPLOCA New Technologies Award

Winner





Bangkok 2019













Stanley Inspection Solution



NeXray Real-Time Radiography

- OPEX Reduction. Near real-time image acquisition and interpretation & reduced exposure zone reduces cycle time and OPEX for pipeline contractor
- Environment. Reduced exposure zone on ROW; no environmentally harmful chemicals for film development
- Quality improvement. Higher contrast sensitivity leads to detection of finest defects
- Digital. Real-time digital data acquisition enables remote auditing
- Unique. The industry only real-time radiography solution for large pipeline diameter, heavy wall (42-48" | up to 1")







2019 **IPLOCA New Technologies Award**

Details on winning entries available online at www.iploca.com

53rd Annual Convention



