



IPLOCA REGIONAL MEETING
Europe Mediterranean Region

THE ROAD TO SUCCESS

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Outline

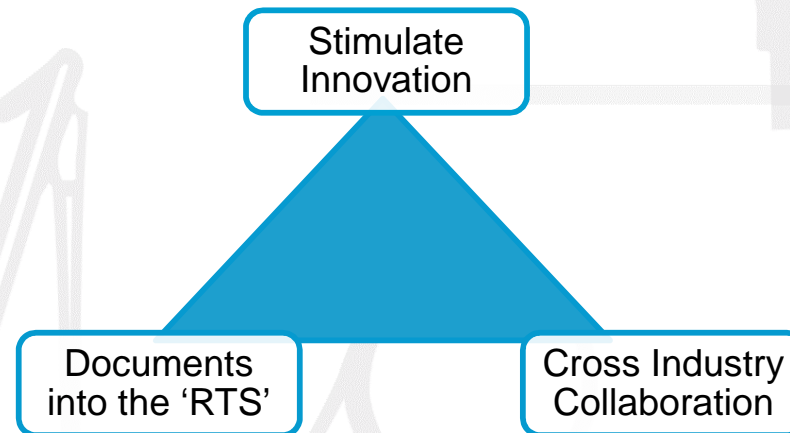
- Novel Construction Initiative (NCI): Mission and Objectives
- Novel Construction Initiative (NCI): Cross Industry Collaboration & Working Groups
- The Road To Success (RTS) / Phase V and Future Developments
- The Road to Success (RTS) App



NOVEL CONSTRUCTION INITIATIVE (NCI): Mission & Objectives

Novel Construction Initiative (NCI) Mission:

“The mission of the Novel Construction Initiative is to **stimulate innovation in the technology and processes required for execution** of onshore pipeline projects by engaging all contributors to the pipeline construction supply chain. This will be achieved through the provision of **leadership and direction** to the pipeline industry by **IPLOCA** to enable development and delivery of improved technology, equipment and supporting processes.”



The Road To Success (RTS) is one of objectives of Novel Construction Initiative.



THE ROAD TO SUCCESS: Objectives

New Technological Solutions and Innovations improve Safety Measures, enhance High Quality Standards and Capital Efficiency.

The Operational Excellence (OE) puts the focus on protecting People and Environment.

The “Key Objectives” of OE are:

- *Eliminate fatalities, serious injuries and illness;*
- *Reliability;*
- *Assess and Manage Environmental Risks;*
- *Identify and Correct before an “incident” occurs;*
- *Prevent and Mitigate Risks;*
- *Use resource efficiently;*
- *Stakeholders engagement and Issues Management.*

“Sound processes” should avoid “incidents”, cost / budget overruns, schedule delays, etc



THE ROAD TO SUCCESS: Cross Industry Collaboration and Working Groups

Cross Industry Collaboration is essential to promote “Innovation”.

✓ Cross Industry Collaboration including Clients, Owners and / or Operators

Promoting cross companies collaboration to explore, develop and deliver solutions or new technologies, equipment's and processes in the Pipeline Industry.

Sharing Knowledge, Lesson Learned / Case Studies and encouraging research collaboration.

The Multidisciplinary Work Groups integrated by “Key Players” as:

1. Clients, Owners and / or operators
2. Engineering & design companies
3. Contractors
4. Suppliers and service providers
5. Manufacturers



THE ROAD TO SUCCESS: Phase V

Phase I	Initiate the collaboration and produce the 1st Edition of the “Road to Success” (RTS)	Completed
Phase II	Review the RTS, improve consistency, quality and presentation of the content. Collaborate on new chapters and release 2 nd Edition	Completed
Phase III	Further collaboration, develop new chapters and improve existing ones. Re-involve clients	Completed
Phase IV	Complete work being developed. Continue with research projects. Promote New Technology.	Completed
Phase V	Continue with new work and continue developing the new App*	On-going

* (close to 3000 pages on the App.)



THE ROAD TO SUCCESS (RTS) / Phase V

The Future Developments are based on sharing experiences and initiatives in working groups with the aim to develop the content by:

- ✓ **Looking for New Innovative Solutions**

Stimulating innovation to increase safety measures, enhance quality standards, environmental sustainability, efficiency and “**not least**” providing cost reductions.

- ✓ **Processes Improvement**

Improving the execution processes, project preparation across the project organization with a particular focus on safety associated with the operations.

- ✓ **Research projects to be co-founded with PRCI**

IPLOCA Members, pipelines specialist, researchers and consultants.

(e.g. guidelines on route selection, pipe stress in lowering operations)



THE ROAD TO SUCCESS APP

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



1st Edition: September 2009

2nd and 3rd Edition: September 2011 & 2013

4th Edition App sent out to all members February 2017

New platform to update RTS App to be launched in Oct 2019



THE ROAD TO SUCCESS

The Road to Success is available only to IPLOCA members as a mobile app

Comments and Suggestions to be addressed to roadtosuccess@iploca.com



Thank You!

