

# Presentation Team



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Burns & McDonnell

Engineering and  
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# Capital Projects Today



# The Capital Projects World

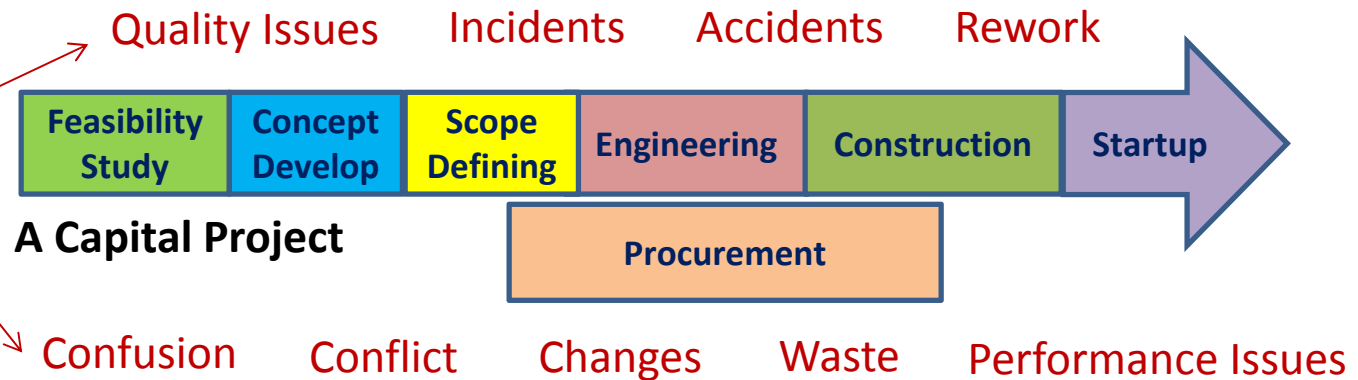
## Sectors

Oil & Gas | Petrochem | Pipelines | Terminals | Mining | Infrastructure  
Power | Transmission | Transportation | Water | Buildings | Other

## Stakeholders

Owner Organization  
Financing  
City  
PM Team  
Regulatory Agencies  
State  
HR  
Local Community  
Federal  
Site / Facility  
NGOs  
Unions  
Training  
O&M Teams

## Trying to avoid



## Timeline

2-3yrs avg.

## Stakeholders

Consulting Firms  
Engineering Firms  
Environmental Firms  
Partners  
Equipment Suppliers  
Technology Providers  
Construction Companies  
Fabrication Shops  
Recruiting Firms  
Training Firms  
Associations

# The Professional Challenge

**Projects are increasingly complex, shorter and fragmented.**

- There are great Industry Organizations...
  - Project Managers (PMI, IPMA)
  - Engineers (ASCE, AIChE, ASME, IEEE)
  - Project Controls (AACEI, PMI)
  - Construction Mgmt. (CMAA, CFMA)
  - Safety & Health Pros (BCSP, NASP)
- CII, ECC, CURT, FIATECH, PIP (Corporate focus)
- Main collaboration thru events and conferences

**99% of project professionals cannot attend conferences.**



# The Problem



# Industry Needs

Industry Organization Services	Average Score
Career Advice / Mentoring	4.2
Articles / Whitepapers	4.1
Service Leadership Opportunities	4.1
Industry Conference Presentations	4.1
Online Training	4.1
Job / Internship Opportunities	4.1
Local Events (social education, etc.)	4.0
Online Q & A / Discussion Boards	4.0
Professional Certification	4.0
Discounts on Publications and Services	3.5

## Scoring Categories

- 5) Strongly Desired
- 4) Desired
- 3) Neutral
- 2) Minimally Desired
- 1) Not Desired

# Initial Webinar Findings

## Capital project professionals desire to...

- Access industry articles and papers
- Collaborate online
- Learn about implementation of best practices
- Communicate through email
- Allocate 1 hour of development each week

# What can be done?

**An organization for capital project professionals (all disciplines) bringing all stakeholders together.**



**Owners**

**Contractors**

**Suppliers**

**Academics**

**Students**



# Imagine if you could?

## **Learn Faster**

- Best Practices
- Innovations
- Other Disciplines, Sectors

## **Network Smarter**

- Locally & Globally
- Your Industry Sector
- Your Location

## **Teach Broader**

- SMEs
- Retirees
- Trade Groups

## **Be In the Know**

- New Technologies
- Jobs, Internships
- Local Events

## **Find Answers & Resources**

- By Industry Sector
- By Discipline
- By Project Phase

## **Recognize our People**

- Teaching Leaders
- Contributors
- Game Changers

# Introducing



**The first association for  
capital project professionals  
across the entire supply chain.**

**Owners - Contractors - Suppliers - Academics - Students**



Capital Projects  
Professional Exchange

# A New Approach

## An online community

For professionals, retirees and students  
to learn, network and contribute from anywhere!





Capital Projects  
Professional Exchange

## The Initiative

### *Our Purpose*

*Bring together all stakeholders in our industry:  
Owners, Contractors, Suppliers, Academics and Students,  
to focus on one mission.*

### *Our Mission*

*Accelerate professional development and team innovation,  
by enabling exchange of best practices, resources and  
opportunities.*



# CPXonline.org



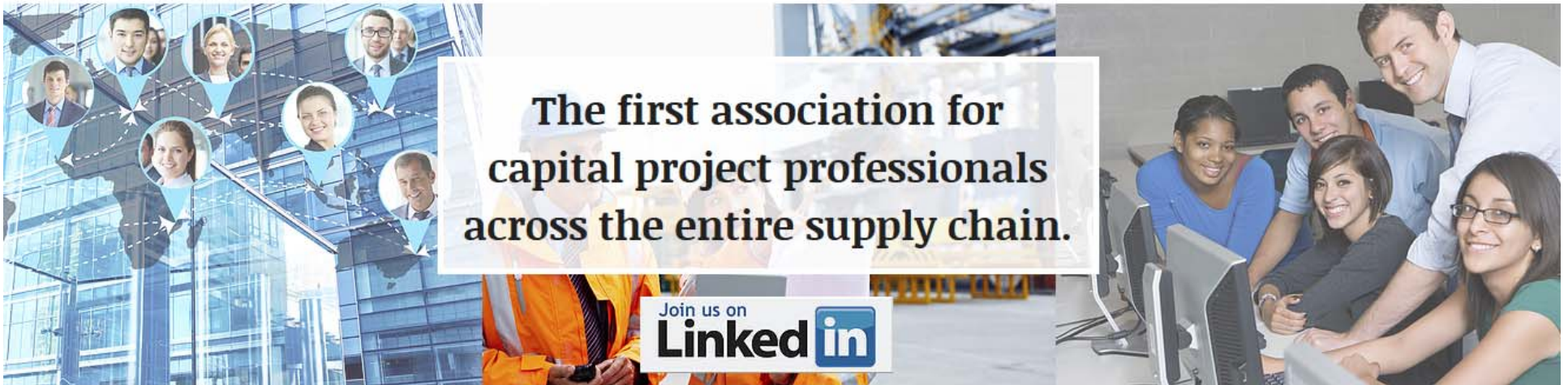
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## Our Purpose

Bring together all capital project stakeholders: Owners,

## Our Mission

Accelerate professional development and team

## A New Approach

An online community for professionals, retirees and

## Initial Sponsors

