



## List of achievements in last year



PUBLISHED 33 NO. PUBLICATIONS  
(EMPLOYERS, PUBLICATIONS ETC)



EXPANDED IN ALL THE NORDIC COUNTRIES  
WITH 7 NEW MEMBERS



SUBMITTED 1 PROPOSAL TO THE  
COMMISSION



PARTICIPATED IN 40 MEETINGS



MET WITH 22 PEOPLE FROM THE  
COMMISSION



WON 102 EMPLOYERS MEMBERS



INCREASED MEMBERSHIP BY 4  
INCLUDING SPAIN AND SWEDEN



TOOK PART IN 24 PRESENTATIONS  
DISCUSS

EFCA

2019 EFCA Young Professionals competition  
Honorary Mentions

Morten Høigaard, Norway

Peder Tor Hesselund Schiønning, Denmark

Matteo Tancon, Italy

Dusan Trifunovic, Serbia

Kristoffer Tungland, Norway

Antti Perttu Valtonen, Finland

Filip Zinkiewicz, Poland







## IoT for Construction Site Monitoring

- Camera surveillance, intruder detection, Workforce surveillance
- Sensors for temperature, humidity, noise , vibration, health & safety risk
- GPS for vehicles, tools, machinery
- Control of idle use of machinery, air-conditioning, fuel level control
- Monitoring the ground in terms of geometry change - sensors can provide early warnings
- Use of aerial drones - best way to track progress and conduct site surveys









# Wikinomics

THE REPUBLIC OF IRELAND

Fáilte Ireland



**EFCA DUBLIN 2019**  
Future Trends: Talent, Tools and Technologies



EUROPEAN FEDERATION OF  
ENGINEERING CONSULTANCY  
ASSOCIATIONS  
9 - 10 May 2019  
Dublin, Ireland

Bentley | BST | CERS  
Griffiths & Armour & Co.  
THE BANK OF IRELAND & YOUR BUSINESS

ACEI ASSOCIATION OF CONSULTING ENGINEERS OF IRELAND | efca

@ACEInews #EFCA2019Dublin EFCA



Stephen Denning traditional management applies detailed manual techniques that lead to:

- centralization
- coordination
- formality
- tight rein
- imposed discipline
- obedience
- compliance
- optimal decisions that take place later
- a focus on harnessing ability at the top

In a word, Bureaucracy.

But in today's accelerated world we need a mission command approach characterized by:

- decentralization
- spontaneity
- informality
- loose rein
- self discipline
- initiative
- cooperation
- acceptable decisions that are made faster
- focus on harnessing ability at all levels

In essence, Agile Management.

Fáilte Ireland

EUROPEAN FEDERATION OF ENGINEERING CONSULTANCY ASSOCIATIONS

# E'FCA DUBLIN 2019

Future Trends: Talent, Tools and Technologies



EUROPEAN FEDERATION OF ENGINEERING CONSULTANCY ASSOCIATIONS  
9 - 10 May 2019  
Dublin, Ireland

Bentley | BST | CERS  
GEO SCIENCE | Griffiths & Armour & Co.  
THE BANK OF IRELAND | VIGOR BUSINESS

ACEI ASSOCIATION OF CONSULTING ENGINEERS OF IRELAND | efca  
@ACEINews #EFCA2019Dublin | EFCA



E'FCA DUBLIN 2019  
Future Trends: Talent, Tools and Technologies







ND.com

ACEI  
ASSOCIATION OF  
CONSTRUCTIVE ENGINEERS  
OF IRELAND

Fáilte Ireland

EFCA DUBLIN  
2019  
Future Trends: Talent, Tools and Technologies



EUROPEAN FEDERATION OF  
ENGINEERING CONSULTANCY  
ASSOCIATIONS

9 - 10 May 2019  
Dublin, Ireland

INI CERS

Griffiths & Armour O'Connell

THE HOME OF POLICE & TECHNOLOGY

efca



