



**innospec**

Marie Connor

## Working on a Plant in Health and Safety

SCI Day of Science & Careers  
27<sup>th</sup> April 2015

# Intro

- Marie Connor – Chartered Chemical Engineer
- Member of SCI since 1999: secretary of Liverpool & North West Regional Group since 2006
  - SCI Distinguished Service Award 2014
- Current role: Site SHE Manager (Safety, Health & Environment) at Innospec, Ellesmere Port

# Career Journey



**ICI (later Ineos Chlor)**  
**1998 – 2005**

- Graduate process engineer
- Technical Manager



**Innospec Ltd**  
**2007 - present**

- Site SHE Manager
- Process Safety

**University of Leeds:**  
Chemical  
Engineering MEng  
1994 - 1998



**Burgoyne Consultants Ltd**  
**2005 - 2007**

- Loss Prevention Consultant
- Fire and Explosion Specialists



# Site SHE Manager – What does that cover?

- Role covers anything related to health, safety and environment – 2.5 personnel
- Main emphasis for me on Process Safety:
  - High hazard industry: Significant Regulations COMAH (Control of Major Accident Hazards) and EPR (Environmental Permitting Regulations)
  - Keeping regulators happy = “Licence to Operate”
- Chemical Engineering: good understanding of all aspects of operation and design – maintaining good design and operational standards to prevent major accidents.

# SHE in practice?



# Site SHE Manager – typical duties

- Daily / weekly / Monthly meetings on production progress, things that have happened and SHE stats
- Intervention visits with regulators to demonstrate compliance with permits and the law
- Process Design verification: Hazard studies of new and existing processes to ensure design / operation meets current good practice to avoid major incident
- Site audits
- LOTS of training both CPD (for me) and to others
- Breadth so never bored!



# Good tips for Work!

1. NEVER stop learning – there's always some area to develop yourself
2. Don't worry at the start of your career about where you'll end up – scientists and engineers are in demand and the right job will come
3. Take on breadth of responsibilities to find your strengths
4. Network, network, network! Get yourself known E.g. in your company, trade associations(CIA, SCI), professional organisations (IChemE, RSC)
5. Keep your CV up to date
6. Work vs. life balance: if you're happy and healthy so is your career

# Getting involved with SCI?

1. Unlike other groups SCI is multi-disciplinary – anyone can join in
2. Networking gets you known in your field and gives you professional credibility – gives your company recognition too
3. See your ideas take shape for events
4. Practice your non-vocational skills in a non-competitive environment e.g.
  1. Organisation (helping to plan and run events)
  2. Interpersonal skills – listen, talk to people, share – practice
  3. Presentation skills
5. Personal satisfaction
6. All of the above make you stand out from the crowd!





Thank You

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