



# Ambassador Lecturer Program



Society of Petroleum Engineers

## **What is the Ambassador Lecturer Program?**

The Ambassador Lecturer Program is where a YP member of SPE visits a school or University to deliver an inspiring and informative presentation to students about not only the industry but also their personal experiences and part in it. It's also an opportunity to explain what SPE is. See slide 4 for the objectives of an Ambassador Lecturer visit.

## **As an Ambassador Lecturer, do I need to complete a certain number of ALP visits?**

No, being an Ambassador Lecturer doesn't mean that you are committing to set dates or a certain number of visits. Whilst we hope you will continue to participate in the program again in the future, but how many visits you do and when you do them is up to you.

## **Do I have to use these slides?**

These slides are designed to be a template should you need or want to use them. This is your presentation, so feel free to include or exclude which slides you'd like depending on what you want to share in your presentation. You are encouraged to add your own personal content – after all, its **you** the students want to hear from about being part of the industry. All of the following slides are completely optional.



**Ambassador Lecturer**

**Your Name**

**Company & Position**

Any SPE Roles and Responsibilities

SPE Section Affiliation

# Why am I here?



## To talk about...

- Our industry, its challenges and future projections
- My career in the Energy Industry
- What is SPE
- Career advice (optional)
- Anything else you would like to know more of or are curious about

# Who am I?



- My name
- Where I come from
- My university
- My past and current jobs
- More personal details that may be interesting to the audience

# General Industry Technology



- This slide can be used to discuss general industry technology or related topics

# Oil and Gas



# What opportunities exist



## Our Industry is multidisciplinary...

- Engineers
- Geoscientists
- Managers
- Specialists
- Educators
- Chemists
- Petrophysicists
- Information Technologists
- ...

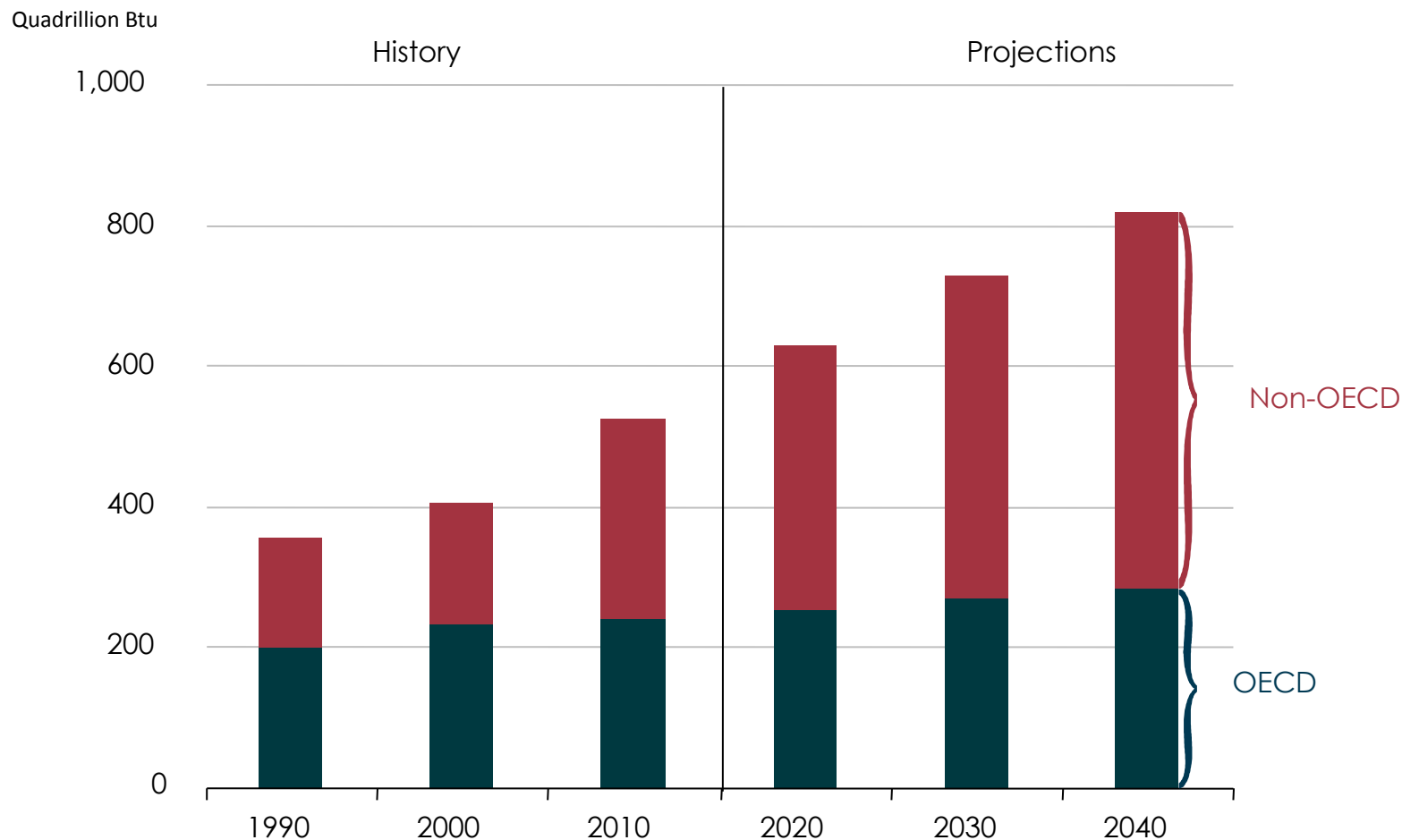




# Current Trends in the Industry /1



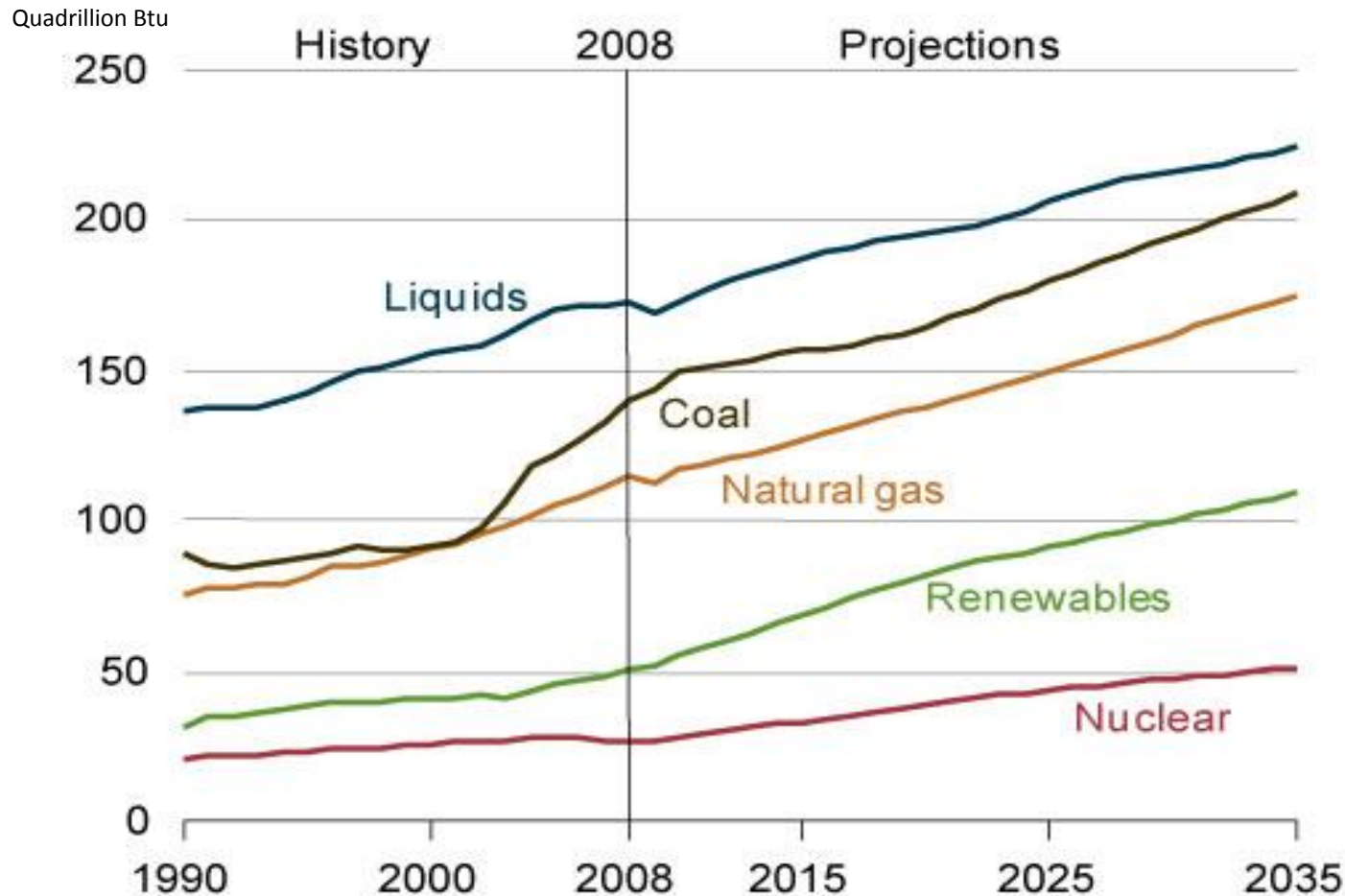
## World Energy Consumption 1990-2040



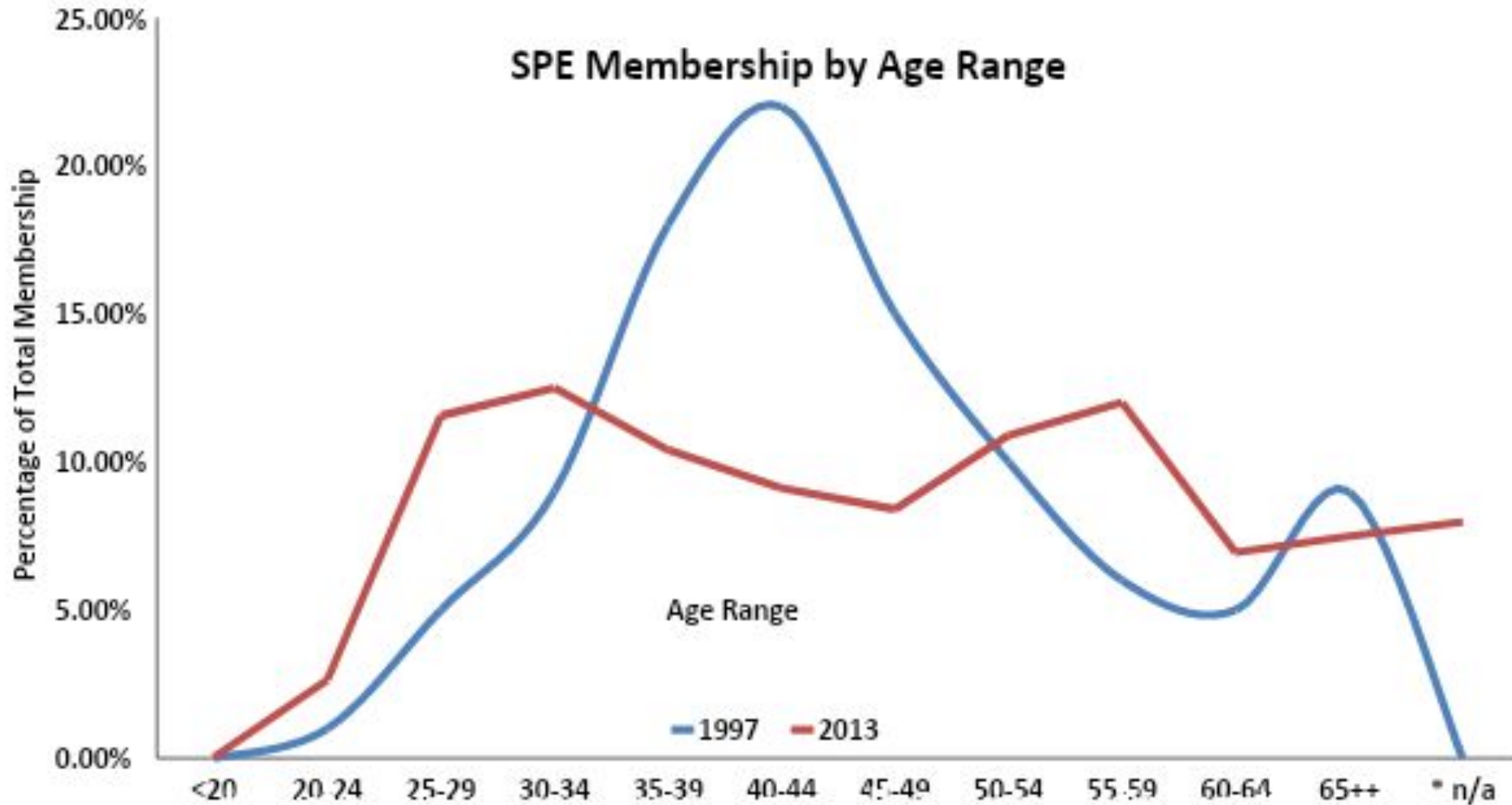
# Current Trends in the Industry / 2



## World energy consumption by fuel type 1990-2035



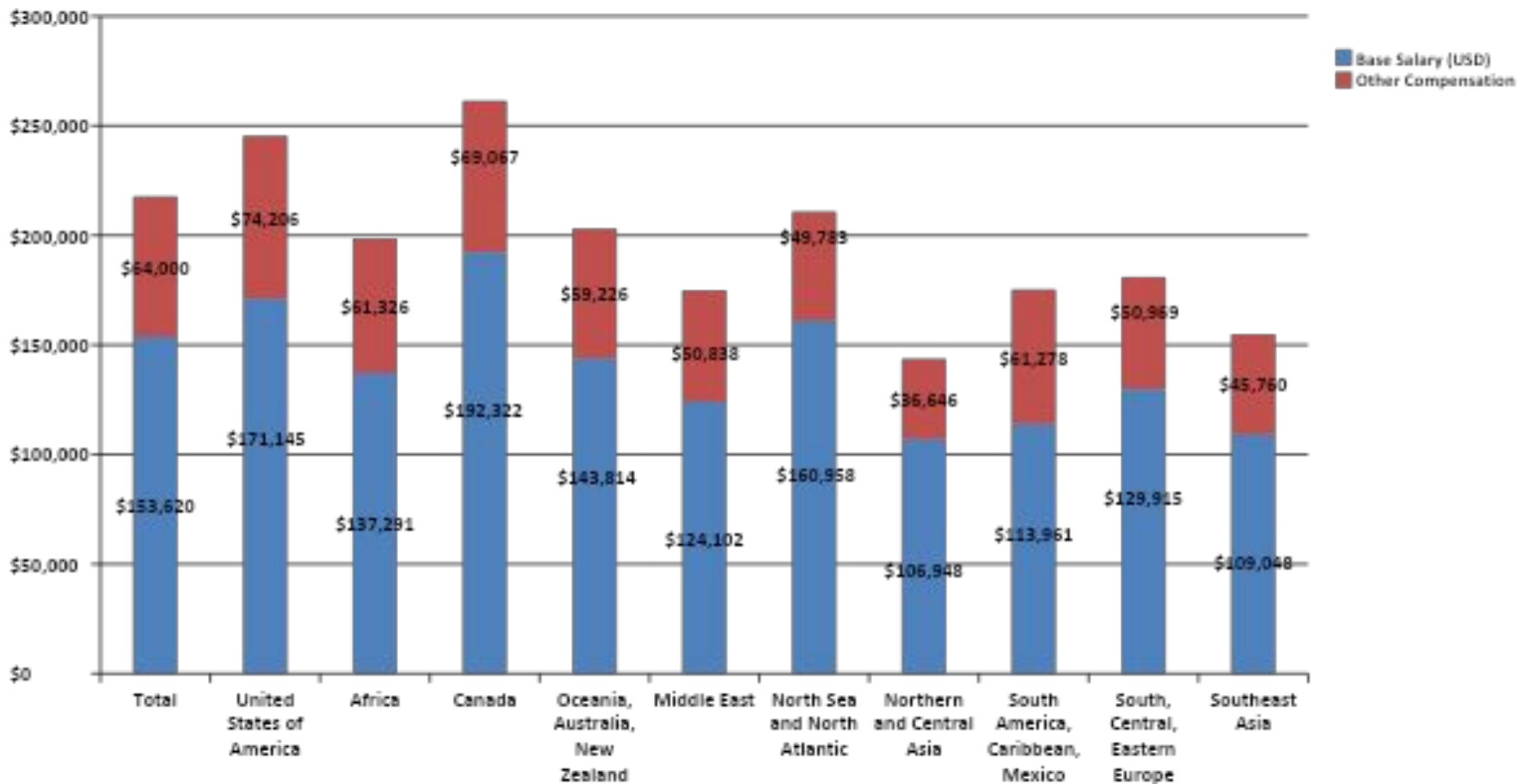
# Current Trends in the Industry.../3



# Current Trends in the Industry.../4



## Base Pay and Other Compensation by Work Region



# What could the future of the industry look like? Something to think about....



As a result of technological developments, and the Big Crew Change, the industry is changing more rapidly than ever. With more and more bright new minds entering the industry, it has been proposed what the industry may face is a talent gap in certain areas, as opposed to a shortage of professionals. The Crew Change also means that Young Professionals will be inheriting senior positions quicker than their predecessors did, to fill the vacancies left from retirement.

And so it has been suggested that as far as careers in the oil and gas industry are concerned, times ahead are going to be much more exciting and competitive. As technology advances and 'easy' oil starts to become less lucrative to pursue, the industry will be going down more technically challenging avenues, such as hydrocarbon resources.



- Petroleum industry professionals reported an average calculated total compensation of USD 203,557 in 2013
- The average age of energy and petroleum professionals reported was 43 (42.6) years, which is consistent with the previous two years
- Globally, those under the age of 26 average USD 55,274 total compensation
- The average total compensation for those aged 26-35 is USD 110,562

# So, what is SPE?



**The Society of Petroleum Engineers is the largest individual-member organization serving managers, engineers, scientists and other professionals worldwide in the upstream segment of the oil and gas industry. SPE offers a unique opportunity to contribute to the profession through programs and activities and many of SPE's accomplishments are driven by the dedicated members**

SPE has Chapters at Universities all over the world to help student members with making their first steps towards their future careers in the industry. Chapters help SPE to deliver its mission to the members – to collect and share information about the development, advancements and technologies associated with the industry amongst the student and professional members.

# Why not start a Chapter...?



**Student chapters are located at universities around the world, providing an operating framework for society activities at a university level. Student members attending the university annually elect officers to head up the Chapter's direction and activities. SPE chapters are sponsored by an SPE Section (made up of local SPE professional members).**

Reasons to start a Chapter at your University:

- Hold events, conferences, social gatherings and lectures
- Opportunities to exchange technical information and network with your peers and industry professionals
- Receive recognition and awards for outstanding activities and contributions
- Receive a start-up grant and an official SPE Chapter logo and charter upon establishment to kick-start the Chapter and its endeavours



# How to start a Chapter...



## To establish a new SPE Student Chapter at your University, here's what you must do:

- First, get together all of the students interested in starting a Chapter here at your University to coordinate your efforts. You need a minimum of 15 student members at the University.
- Ask for a letter of support to establish a Chapter on letterhead from the university department head.
- Ask a faculty member to serve as your Faculty Advisor, ensure they review the [Faculty Advisor Roles & Responsibilities](#) found on the SPE website.
- Find the SPE Section closest to the university and request a letter of support
- Call a meeting of the interested students and elect officers. Full details of the roles can be found on the SPE website below.
- Submit the following to [chapters@spe.org](mailto:chapters@spe.org):
  - Letter of support from your university department head indicating name of program and courses/modules
  - Letter of support from your local section
  - Completed Chapter Resource Request Form and petition form (found online)

[www.spe.org/chapters](http://www.spe.org/chapters)

# Membership of SPE – Did you know?

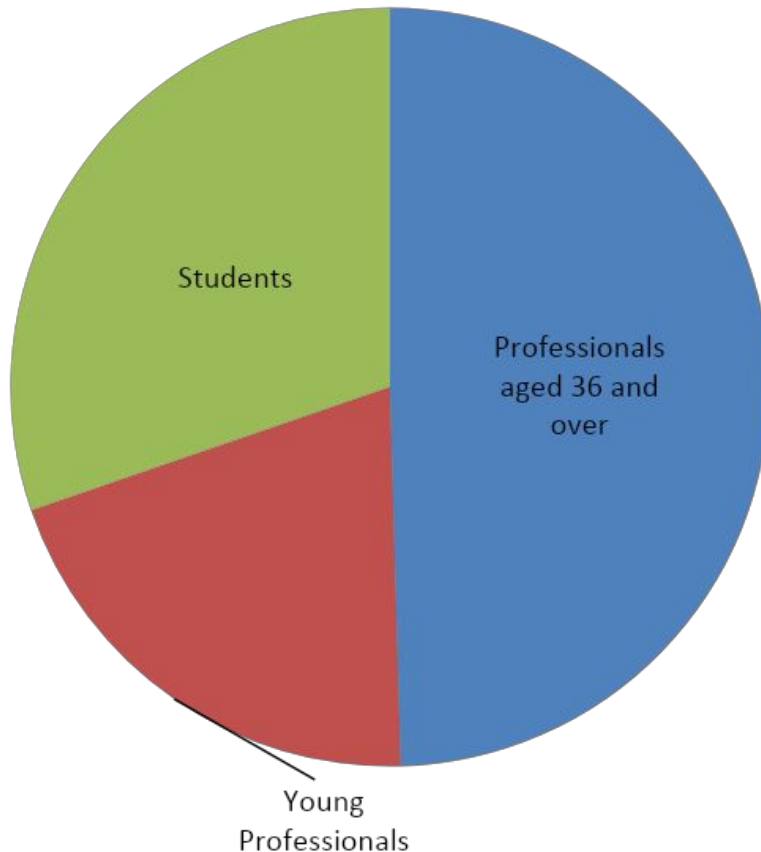


Total members: **124,500+**

Average age (over past 3 years): **45**

YP members  $\leq 35$ : **25,000+**

Student members: **37,000+**



# Why be a Student member of SPE?



- It's **free!** Student membership is sponsored by Chevron
- It provides a direct link to the Industry
  - Mentors
  - Potential Employers
  - Technical Resources and Masters topics
  - Scholarships
  - Networking
- Expand your horizons
- Improve your leadership skills
- Play your part in addressing global issues

[www.spe.org/join](http://www.spe.org/join)

# Why be a Professional member of SPE?



**When you graduate and become a working professional in the industry, your SPE membership grows with you.**

SPE has a number of specially tailored benefits specifically for YPs, to name just a few:

- Discount on dues for new graduates for the first two years
- A dedicated community on SPE Connect for YPs to network, share ideas, ask questions and keep up to date on matters of interest
- Receive recognition for outstanding contribution to the industry
- The Way Ahead Magazine – written by YPs, for YPs

**[www.spe.org/join](http://www.spe.org/join)**

# Young Member Programs



## Students

## Young Professionals

Student Chapters

Local Section YP Programs

Scholarships

YP Awards

Ambassador Lecturer Program

OnePetro

SPE Connect Student Community

SPE Connect YP Community

The Way Ahead & JPT Online

The Way Ahead & JPT

Student Paper Contests

YP Workshops

Student and Young Professional Committee

PetroBowl

Leadership Academy – coming soon!

eMentoring

PetroWiki was created from the seven volume *Petroleum Engineering Handbook (PEH)* published by SPE. PetroWiki preserves the *PEH* content in unaltered form, while allowing SPE members to update and expand content from the published version

***PetroWiki***<sup>®</sup>

<http://petrowiki.org/PetroWiki>

# How has SPE helped me?



Being a member of SPE has helped me grow...

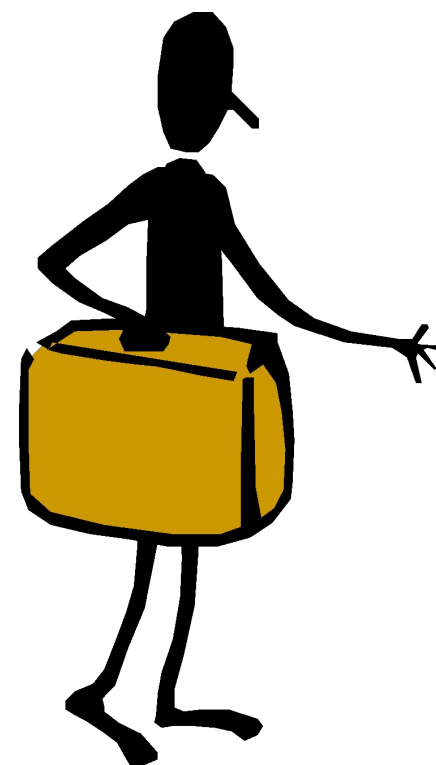
- A 'constant' in my professional life
- Local and international participation
- Visibility
- Networking
- Mentoring
- Diverse Technical Learning
- Corporate support
- Be a part of and give back to the industry
- ...



# What do I do?



- Describe your job title and what area of the industry you are in
- A life in the day of... describe what you do on a typical day in your job
- What choices did you make throughout your education and career to get to where you are today, eg school subjects, degree choice etc.





# Current projects or technology

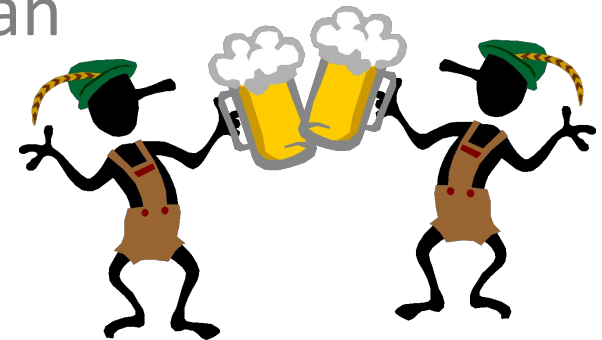


- This slide should be reserved for the your current projects or the are of technology in which they are involved
- Do not include information that you would not show a competitor as no information in this slide will be considered confidential
- Remember: as an Ambassador Lecturer it is inappropriate to promote a particular company or criticize a competitor

# Why do I do it?



- What interested you about this area of the industry
- What do you love most about your job? Talk about benefits other than pay/salary such as travel opportunities (for example)
- Maybe what would you have done differently..?



# Where am I going?



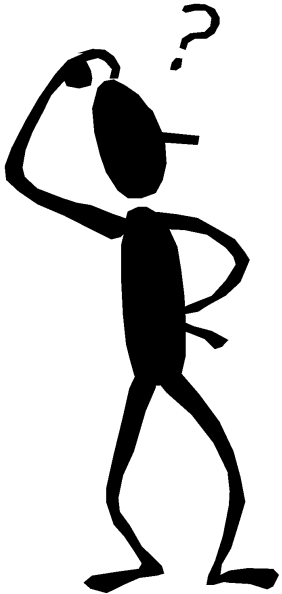
- This slide should describe where you want to be in the next 5 or 10 years on a professional level not only within your company, but also within SPE.
- The slide may also include elements on home/work life – remember, it is important to connect with the audience. For example: I am looking forward to working a more regular schedule, so I can coach youth soccer in the evening



# What about you?



- This slide should be to discuss why students should consider a future in the industry





# Find out More

About SPE and the industry:

[www.spe.org](http://www.spe.org)

Email: [service@spe.org](mailto:service@spe.org)



# Thank you

## Questions?

**Students: please provide feedback on this lecture by completing a five-minute online survey - [www.spe.org/go/alpstudentsurvey](http://www.spe.org/go/alpstudentsurvey)**