



Global Networking for Nuclear Leadership



World Nuclear University



Summer
Institute

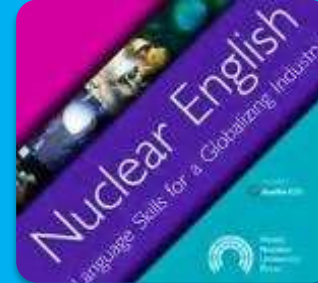
2016: Canada
2017: Sweden



Radiation
Technologies
School



Short Course



Nuclear
English Course



Nuclear
Olympiad

Student
challenge

**WORLD NUCLEAR
ASSOCIATION**



Summer Institute

- **70** participants from **35** countries
- Sponsorship from IAEA, JAIF, World Nuclear Association, WANO
- **60** lecturers from **15** countries,
 - Including **20** nuclear leaders, CEOs and directors
- **Mentorship** from 8 senior nuclear professionals
- Internship programmes for students

Methodology

- **270 hours**, average of 8.5 hours/day
- Less than **20%** in traditional classroom lectures
- More than **80%** devoted to workshops, case studies, invited leader presentations, simulation and other group work
- 1 week of visits to nuclear installations & 1 week of independent group projects

Threefold approach to training

- **Nuclear knowledge**
- Leadership skills
- Networking

Programme

	Topics
Week 1	Global Setting
Week 2	Nuclear Industry
Week 3	Technical Visits
Week 4	Safety Security & Safeguards
Week 5	Communications & Project Management
Week 6	Network for Nuclear Innovation



- Nuclear knowledge
- **Leadership skills**
- Networking

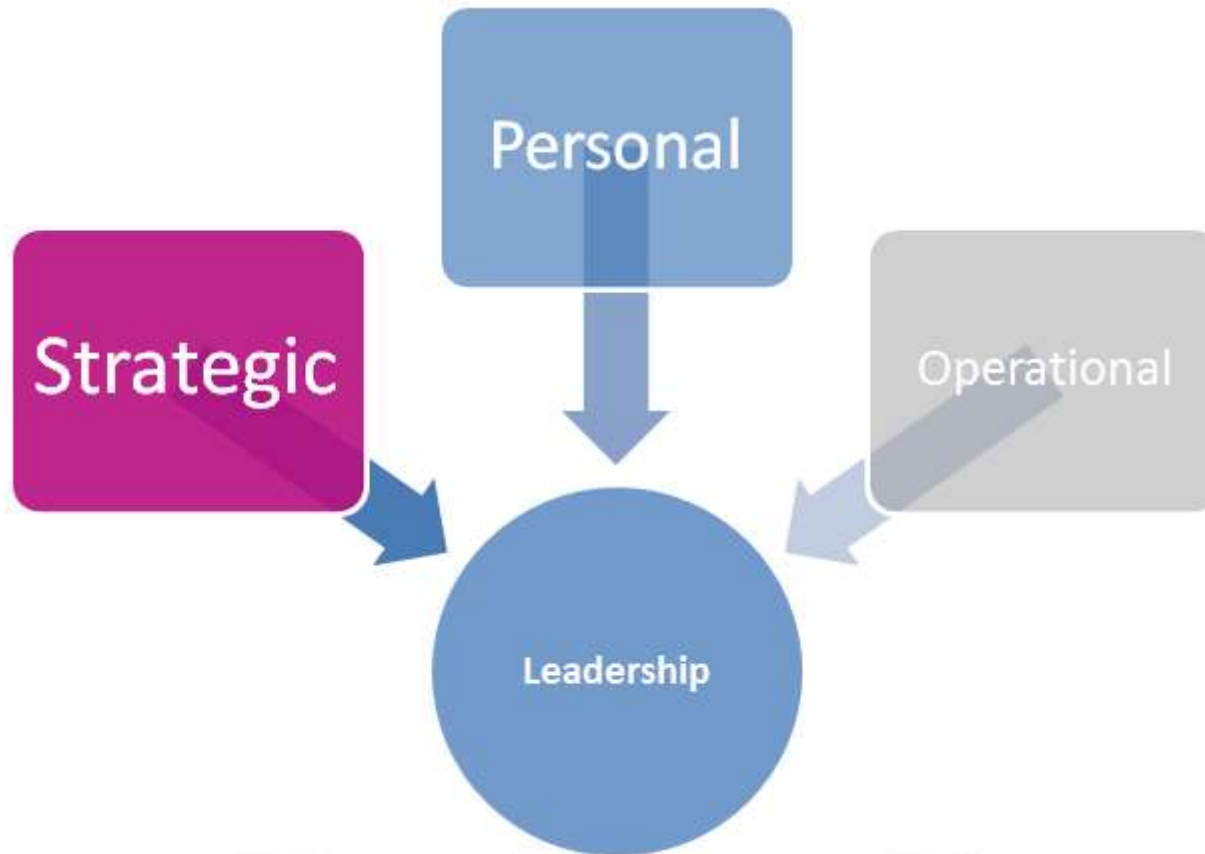
Leadership development

- **First hand experience:** Invited leader presentations and mentoring
- **Communication skills:** Presentations, round table discussions
- **International experience:** Sharing and discussing diverse opinions
- **Confidence:** Public speaking, case studies, interactive platforms, competitions, and simulations



- Nuclear knowledge
- Leadership skills
- **Networking**

The individual's network



Benefits of Personal Networks

Indirectly impacts on leadership skills

- Cross-industry experience
- Coaching and mentoring
- Developing authentic networking skills



Strategic networks



Benefits of Strategic Networks

Directly impacts on leadership skills

- Understanding the wider context
- Flow of information
- Strategic vision
- Circle of support



Why is the network important

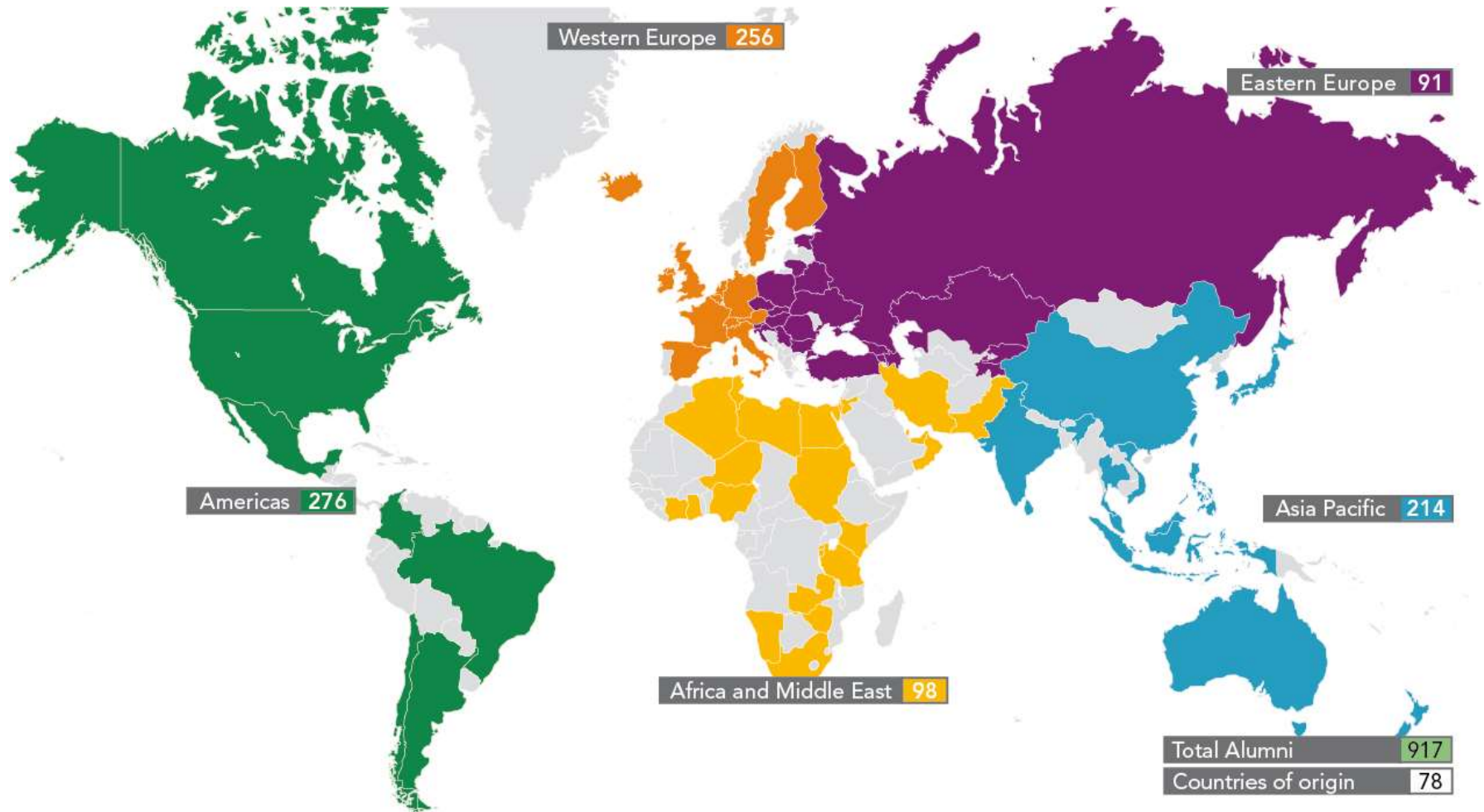
- Leadership through networking
- Individual leadership
- Strength of nuclear industry



“Like any other, our industry relies on networking. Thankfully, it’s a small world and there are just six degrees of separation between each of us and any world leader. Consider that you are six handshakes away from Obama and Putin. Your ideas and your actions can create a chain reaction that can influence others. Success lies in valuing your contacts and in growing your network.”

Agneta Rising, Director General World Nuclear Associations

The WNU Summer Institute Network



Geographical representation of WNU Summer Institute Alumni, 2005-2015



Continuous evaluation

1. Reaction

Ongoing surveys on the degree of satisfaction during the course

2. Learning

‘Global impact evaluation’ carried out at the end of the 6 weeks

3. Behaviour

Long-term evaluation on the impact on their careers in the following years through a 10 year survey

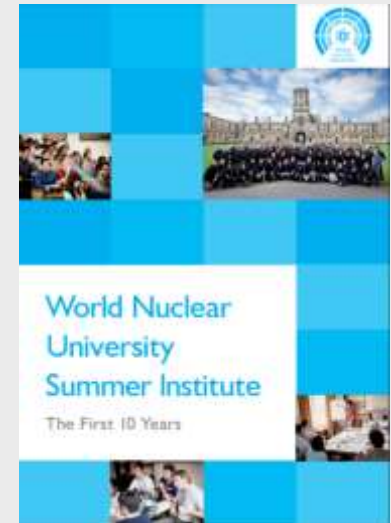
4. Results

Survey to 10 companies which have regularly sent fellows to the Summer Institute since 2005

Survey Results

“Although we are involved in uranium mining, the public often has broader nuclear questions that I am better able to answer now.”

“Before my attendance I had very little understanding of how politics, economics, the environment and public speaking related to my work. This all changed at the Summer Institute.”



World Nuclear University Summer Institute, The First 10 Years

The participants of the WNU SI are:	Agree or strongly agree
More motivated by their experience and looking forward to new challenges	100%
Able to anticipate how changes in the external environment will affect their work	89%
Approach to leadership roles with confidence.	78%
Eager to teach the others	67%
Able to perform tasks in a shorter time and more effectively	67%

Tab 1 – Results of Summer Institute Survey of 10 companies

Global evaluation

*“This was a **one of a kind** experience. It was hard leaving my family for six weeks but completely worth it. I **grew** so much by listening to the lectures, visiting other sites and by the day to day interactions with people from all over the world”*



Thank You!

Lylah Davies
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Summer Institute 2017 in Sweden

Applications open in October 2016!