

Some Thoughts on How To Implement The Educational Programme in Nuclear Security

Educational Programme in Nuclear Security

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Implementation Issues

- Different levels of expertise in nuclear security between countries
 - Need for new versus mature State systems
 - Small versus large national State systems
- Different approaches to education
 - As an example: Master's Programs focus on:
 - Creating generalists who are then trained further by their employers
 - Creating specialists for specific employers

Generalist Approach for Nuclear Security Education

Regional Level

Regional Training Centers

RTC

Government/
Companies

National Level

National Training Centers

NTC

Additional Topics

National Training Programme

(Classified topics)

Universities*

Continuing
Education

Hired

*Note: In some cases, universities may participate at a regional level

Master's Programme

- Honors Programme
- Interdisciplinary Degree

Students

Specialist Approach For Nuclear Security Education

Regional Level

Regional Training Centers

RTC

Government/
Companies

Hired

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National Level

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Universities*

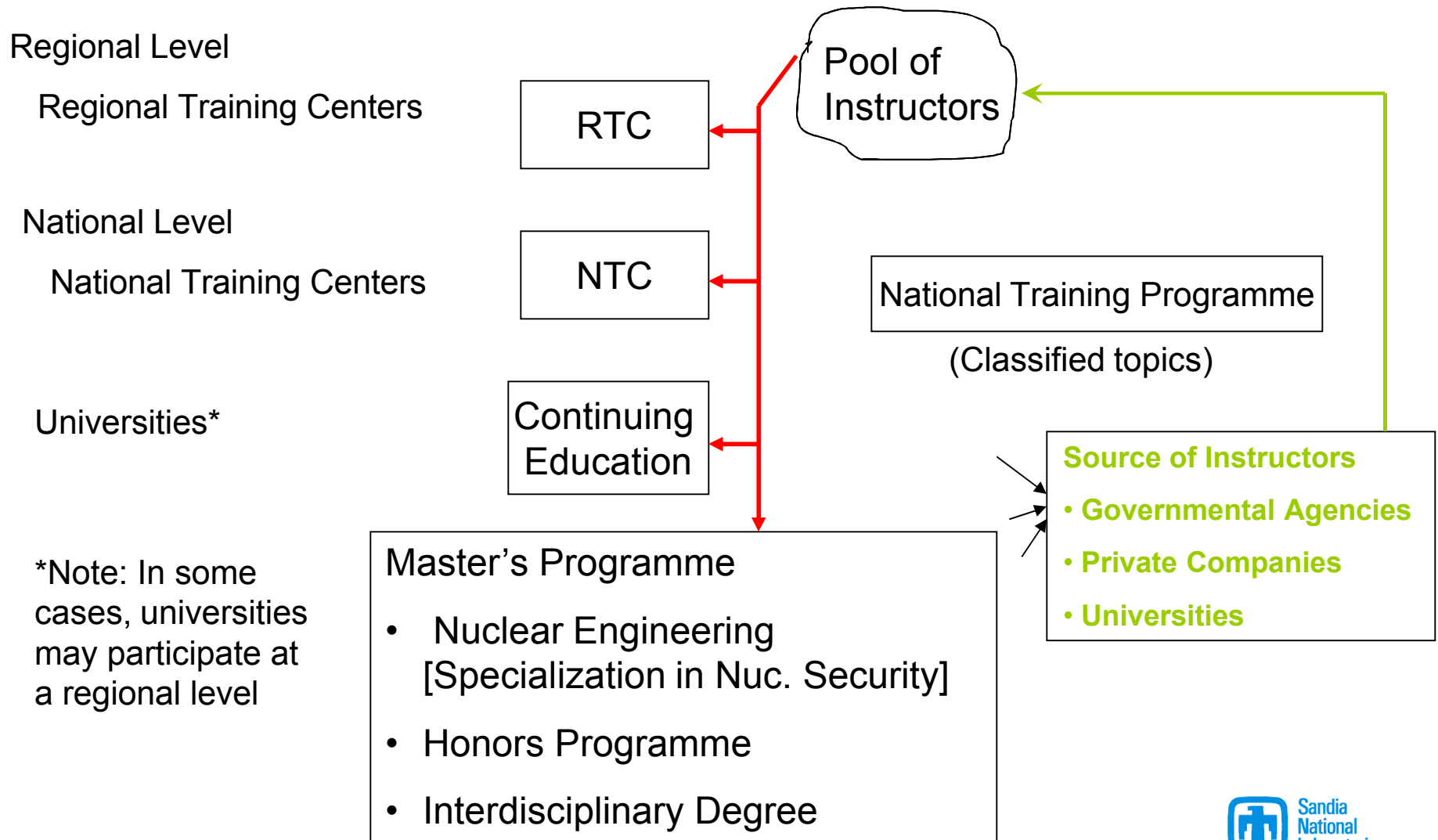
Continuing
Education

Master's Programme

- Nuclear Engineering
[Specialization in Nuclear Security]
- Honors Program

*Note: In some cases, universities may participate at a regional level

Provision of Nuclear Security Instructors



Summary

- The best approach for implementing the Educational Programme in Nuclear Security may vary between countries because of:
 - Differences in maturity and size of State systems
 - Differences in how specialists are trained
- I recommend that a competence (functional) analysis be performed for several countries to look at these and other implementation issues