

Predominance and Role of Myanmar Women in Nuclear Related Fields (WiN Myanmar)

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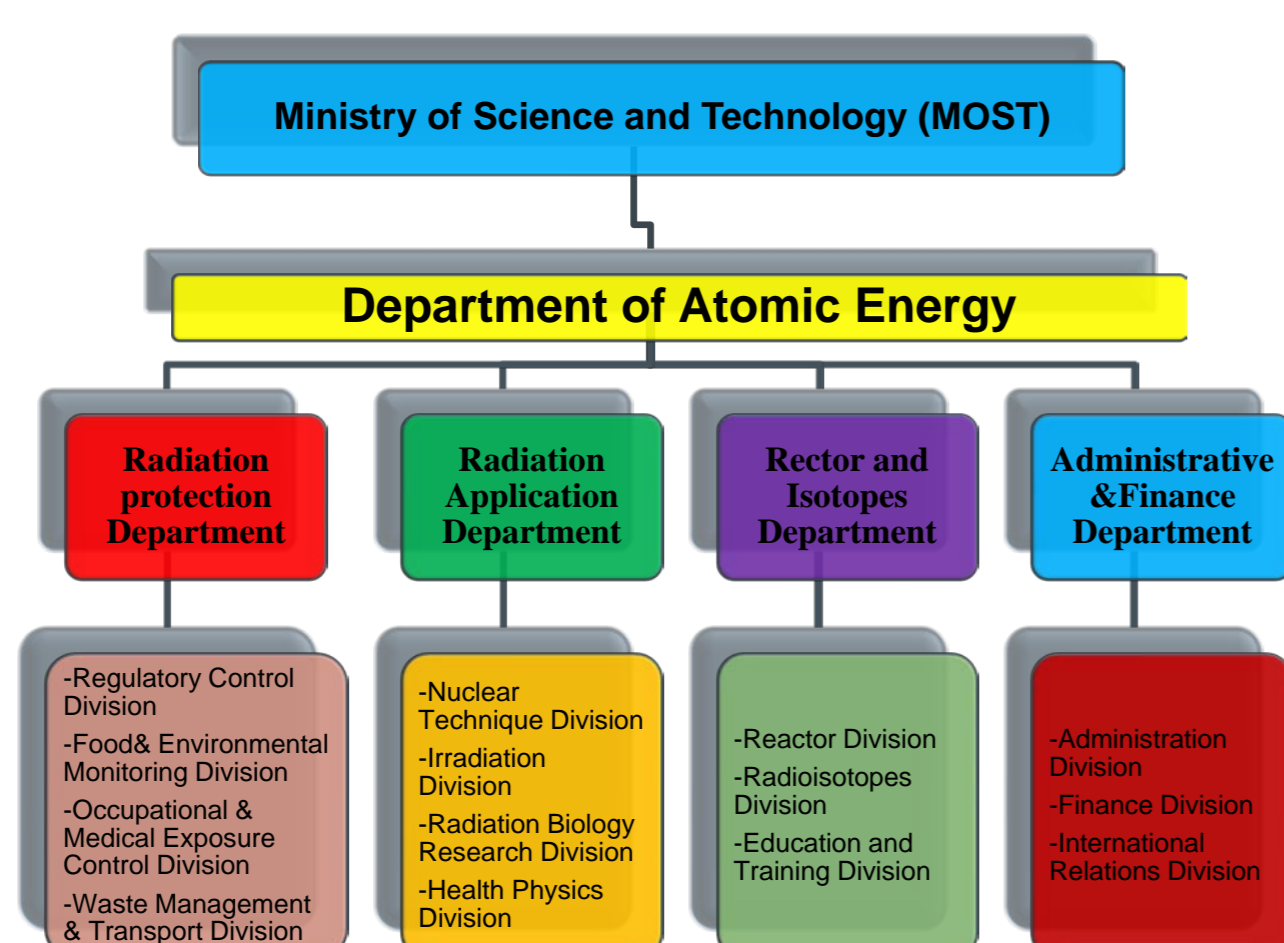
Introductions

Myanmar has come a long way in cooperation with IAEA since 1957 as we have realized that many applications of nuclear science and technology play an important role in our daily lives. The DAE (Department of Atomic Energy, Myanmar) is focal point in conducting career development, E&T as well as R&D in nuclear application fields, cooperating with the international societies and local institutions. We intend to establish national nuclear research center in Myanmar, through which, to promote both E&T and R&D activities. Currently, we emphasize on application of nuclear science & technology in non-energy sectors such as agriculture, industry, geology, minerals exploration, medicine, forensic science, and archaeological, environmental and scientific research. There is an urgent need to develop human resource and train them to be more competent manpower not only for non-energy sectors in the nuclear field and also for implementation of national energy strategy required when considering nuclear power option.

Aims and Objectives

- To perform the statistical surveys of the workforce in the DAE and in other possible government sectors, working in the nuclear field
- To learn how much female workforce could contribute to nuclear societies
- Based on the results of the surveys, to realize challenges as well as to find out solutions to improve involvement of female workforce in the nuclear field through national programs and international cooperation

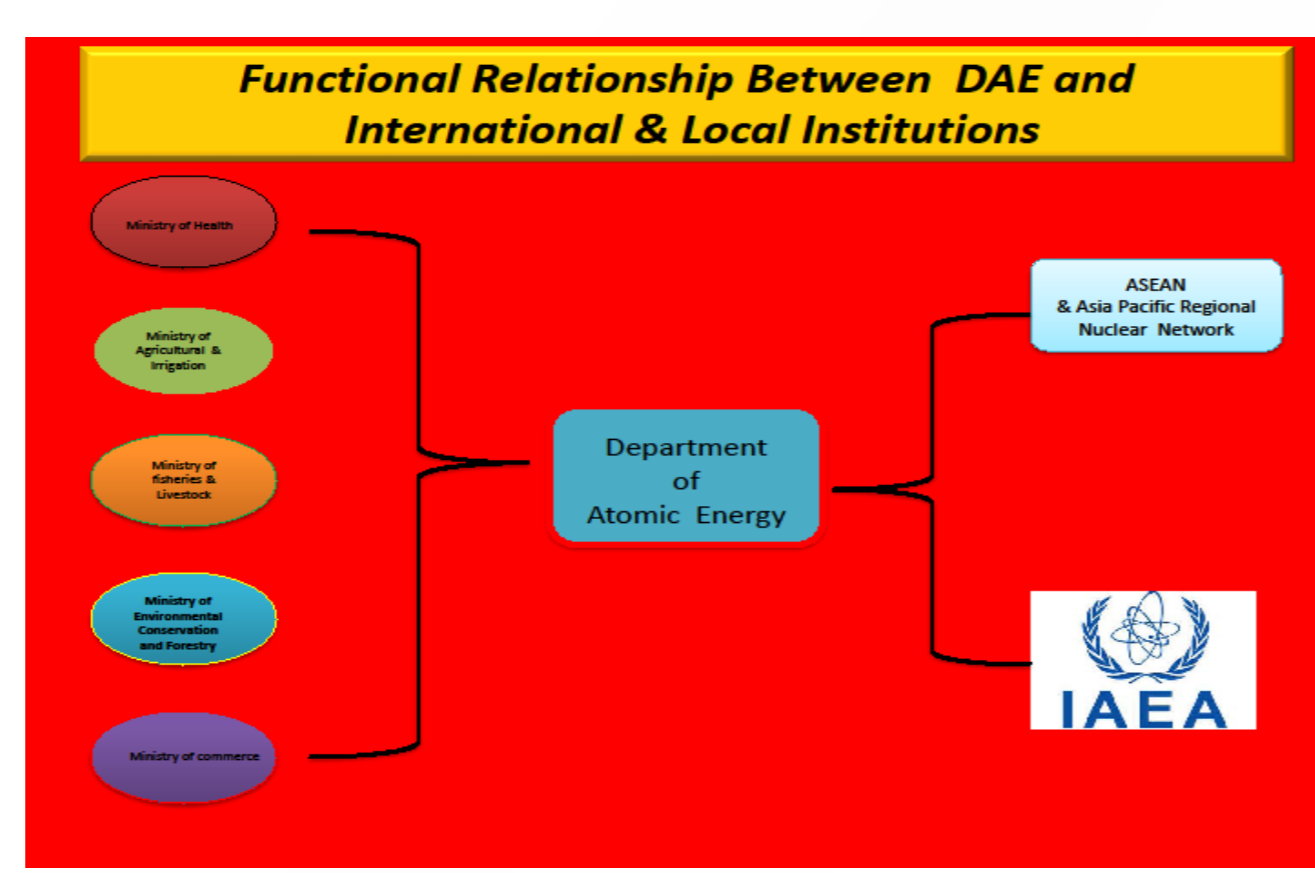
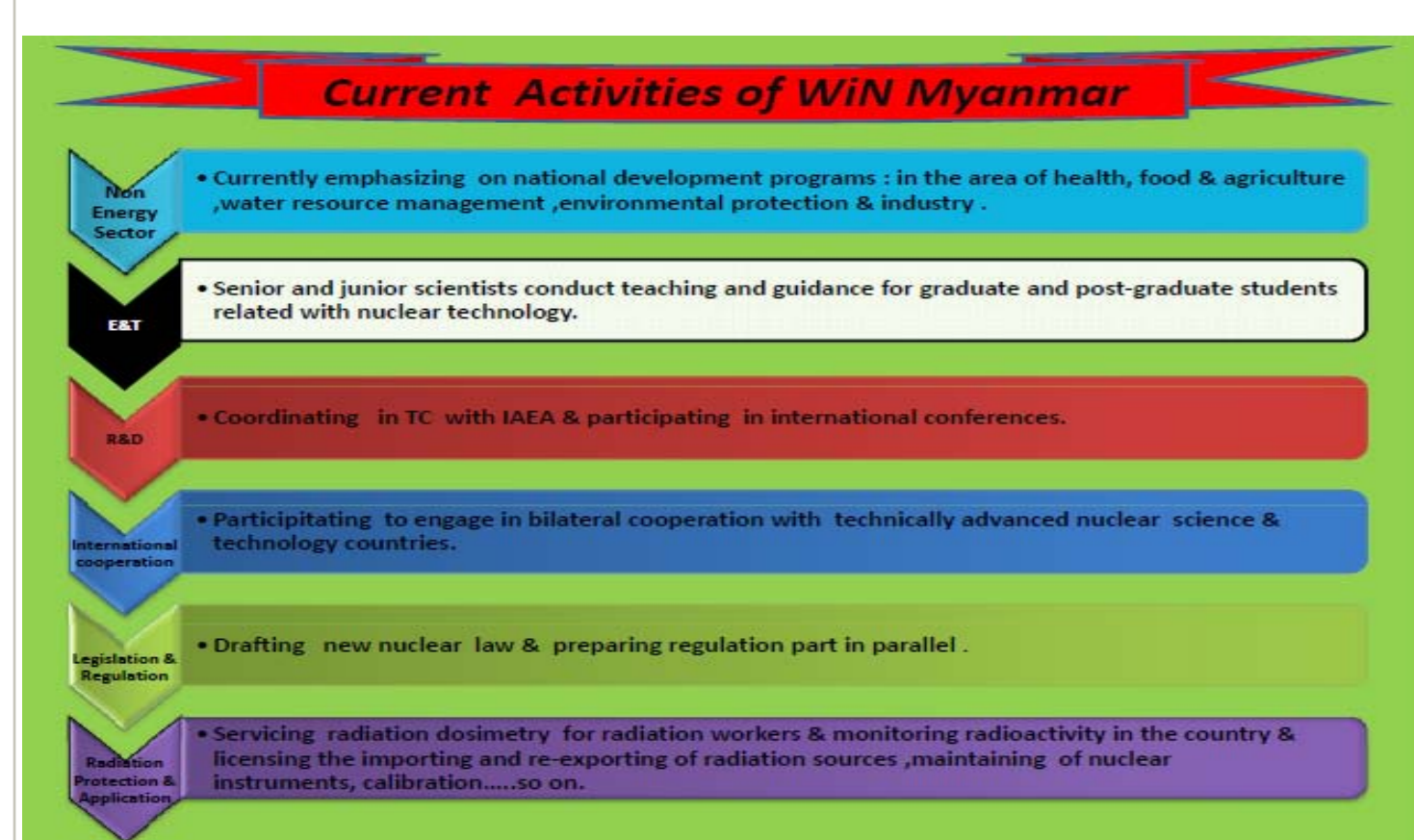
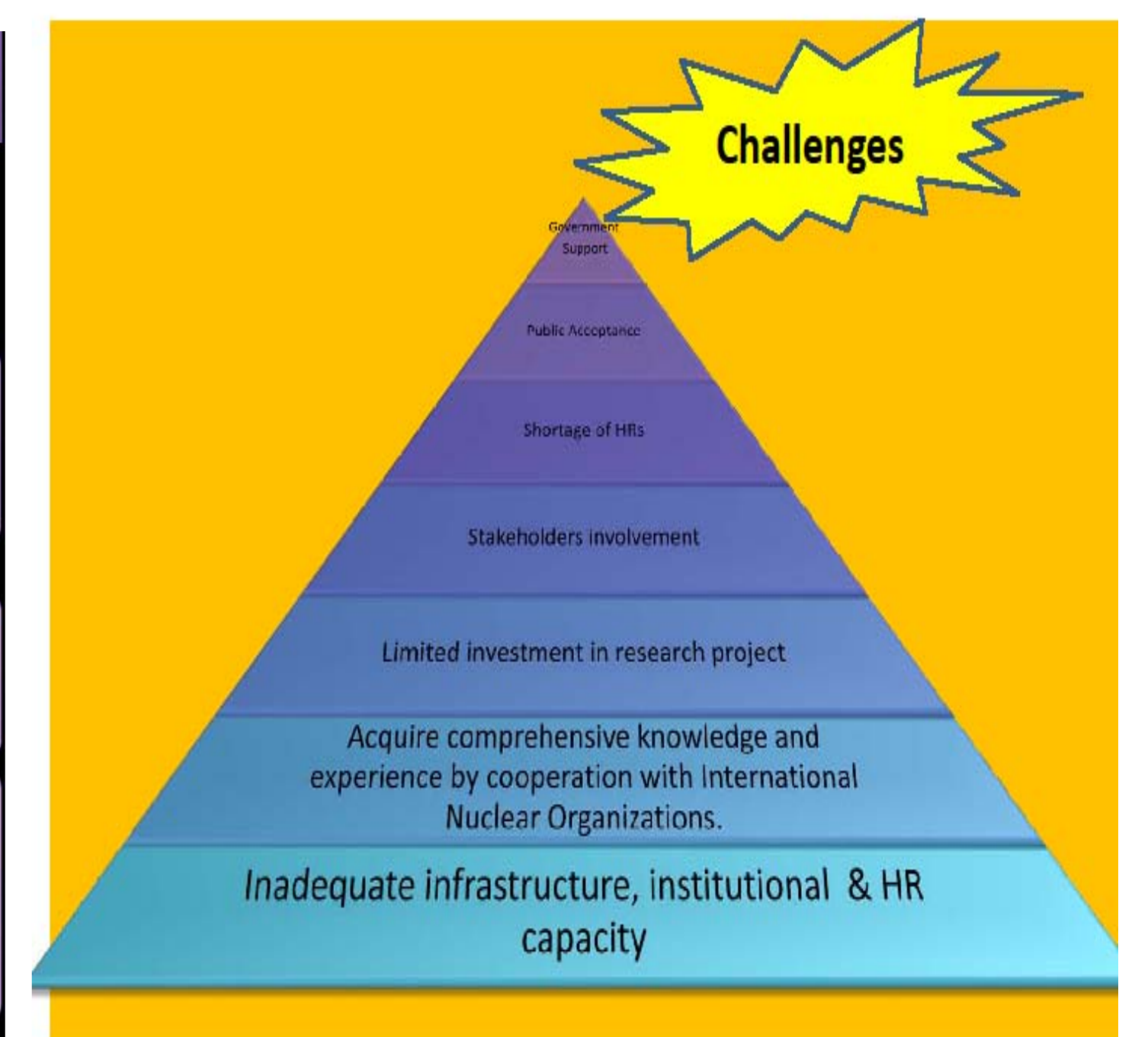
The DAE and its Activities



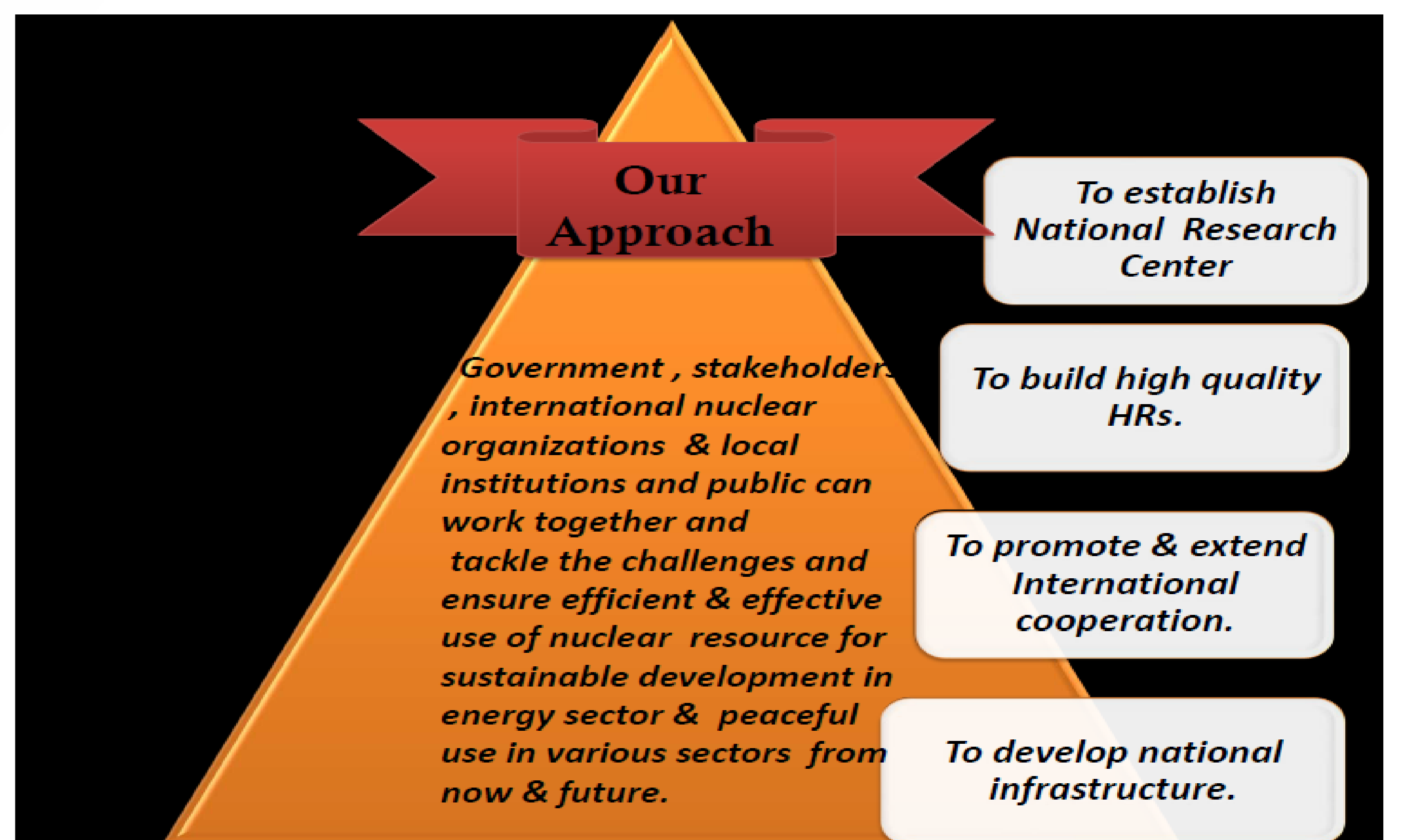
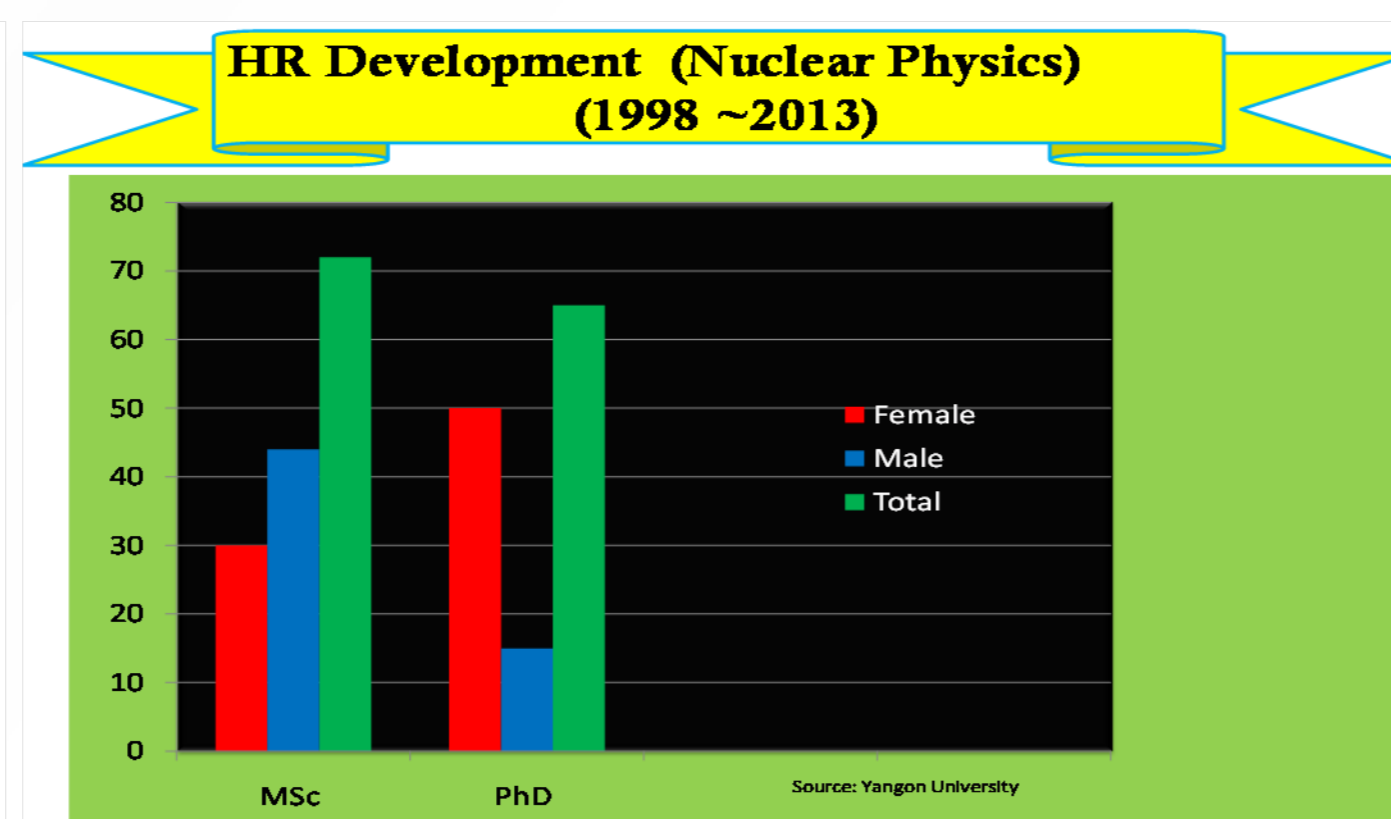
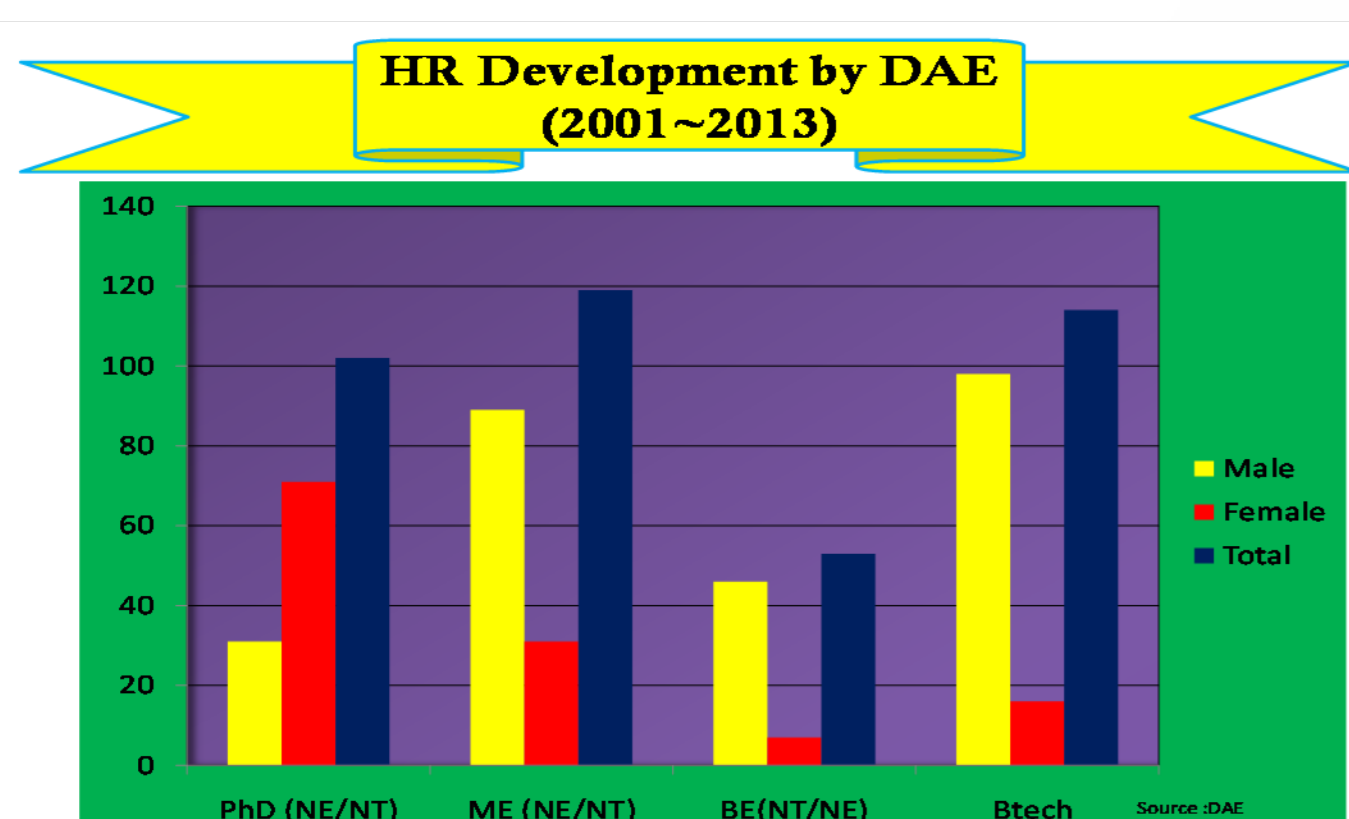
Problem Solving Strategies

- To modify the existing academic programs as Academic institutes play a key role in building & supporting HR in the nuclear field.
- To offer the secondary & high school students scientific study tours, hold nuclear talk in school very often , support academic materials .
- To encourage students to study Nuclear Engineering & related science and technology, gives opportunity to excellent graduated students in recruitment, award scholarship, etc..
- To peruse the university students & so as not to face brain drain in Nuclear fields creates job opportunity after graduation.
- To meet the needs of strong workforce, enhance the skills of trained government employees by short & long term training programs with international society & provides opportunity for experienced workers .

Sector	Objective	Major Plan
Education & Training	To persuade the interest of secondary and high school level students as well as the graduate & post graduate students through the programs by domestic /foreign universities , institutions & schools .	To collaborate with nuclear related department in Ministry of Education . To enhance academic program for nuclear engineering and other sciences in private and government technical schools and training center
Research & Development	To develop the national infrastructures according to near future nuclear programs.	To offer training programs related to Nuclear science & technology as technical cooperation with IAEA in addition to its coordinated research projects .
HRD	Not to face the shortage of personnel . To make competent and efficient manpower based on current and future nuclear programs.	To train regulators to become competent reactor in future . To nurture good researchers in the nuclear field, who could contribute to our National Nuclear Research Center To train nuclear engineers and operators who could safely and securely operate a nuclear power plant and/or research



Surveys of the Workforce In the Nuclear Field



Conclusions

According to the survey, the status of DAE women workforce is perceptibly wider role in administration, rule and regulation, radiation protection and application sectors. In health sector, based on the data analysis of YGH (Yangon General Hospital), female medical physicists and radiologists dominance fully in nuclear medicine & radiotherapy wards. Seeing the current trend and the interest of female personnel in nuclear field, Myanmar future national nuclear program is going to be shaped by WiN Myanmar obviously. These potential effort should be expended by other nuclear applications fields and their skills should be upgraded and encouraged not only with the help of government ,stakeholders and also with the help of nuclear network of international organizations ,since large number of women in nuclear fields WiN (Myanmar) are required to access practically and globally integrated experiences more.

