

WIN A TRIP TO A NUCLEAR POWER PLANT IN RUSSIA – TAKE PART IN STUDENT ESSAY COMPETITION!

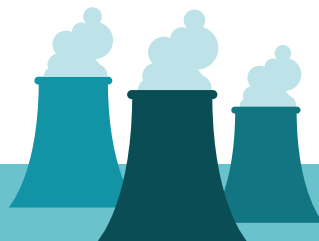
ROSATOM AFRICA AND THE FACULTY OF ENGINEERING AT NORTH-WEST UNIVERSITY (NWU) LAUNCH A NATIONAL COMPETITION “FULFILLING ENERGY NEEDS AND DEVELOPING NUCLEAR INDUSTRY IN SOUTH AFRICA”

HOW TO PARTICIPATE

1. COMPLETE AN UP TO 2 500 WORDS RESEARCH PAPER ON ONE OF THE TOPICS:

- **COST OF ELECTRICAL ENERGY FOR HOUSEHOLDS: 3 SCENARIOS OF DIFFERENT ENERGY MIXES IN SOUTH AFRICA FOR THE PERIOD 2020–2030 AND ITS EFFECT ON COST, BOTH IN THE LONG TERM AND SHORT TERM.**
- **WHAT IS THE MAXIMUM LEVEL OF LOCALIZATION OF NPP CONSTRUCTION ACHIEVABLE IN SOUTH AFRICA AND WHAT INDUSTRIES WILL BENEFIT THE MOST FROM IT IN THE NEXT 10 YEARS AND WHY?**
- **OTHER TYPES OF THE NUCLEAR TECHNOLOGY APPLICATIONS THAT HAVE THE POTENTIAL TO EVOLVE IN SOUTH AFRICA AND WHY THIS WOULD BE FEASIBLE.**
- **CLEAN AND EFFECTIVE: COMPARISON OF ENVIRONMENTAL IMPACTS OF DIFFERENT ENERGY SOURCES.**
- **THE SOUTH AFRICAN PUBLIC’S PERCEPTION OF NUCLEAR ENERGY AND THE NUCLEAR INDUSTRY AS A WHOLE. WHAT CAN HELP SHAPE OBJECTIVE PUBLIC OPINION TOWARDS PEACEFUL NUCLEAR TECHNOLOGIES?**

2. SEND YOUR ESSAY AND AN ANNOTATION IN ENGLISH TO E-MAIL NUCLEARCONTESTSA@GMAIL.COM BY THE 1ST OF MARCH 2015. THE ANNOTATION SHOULD BE NO MORE THAN 350 WORDS AND INCLUDE A RESUME OF THE PARTICIPANT WITH HIS/HER PERSONAL DATA (TELEPHONE, E-MAIL, ADDRESS).



COMPETITION DATES:

1. **ESSAY SUBMISSION: 29TH OF JANUARY – 1ST OF MARCH 2015.**
2. **ESSAY REVIEW AND EVALUATION: 26TH OF FEBRUARY – 31ST OF MARCH**
3. **AWARDING CEREMONY WITH LECTURE ON RUSSIAN NUCLEAR TECHNOLOGY AND INFRASTRUCTURE DEVELOPMENT – MAY 2015.**

THE TOP THREE WINNERS AND HIS/HER SUPERVISORS WILL BE AWARDED TRIP TO RUSSIA, TO VISIT A NUMBER OF RUSSIAN NUCLEAR ENERGY POWER COMPLEX SITES INCLUDING, A NUCLEAR POWER PLANT (NPP), A REACTOR MODEL, NUCLEAR FUEL PLANT AND A WHOLE LOT MORE AND ALSO A COMMEMORATIVE PRIZE.

“FULFILLING ENERGY NEEDS AND DEVELOPING NUCLEAR INDUSTRY IN SOUTH AFRICA”