



### Internship Title

Internship Title – Support to INPRO Activities on Nuclear Energy Sustainability

### Duration of Internship

1 year

### Organizational Setting

Department: Nuclear Energy

Division: Nuclear Power

Section: INPRO (International Project on Innovative Nuclear Reactors and Fuel Cycles)

### Main Purpose

The main purpose of the internship is to support INPRO in the development and implementation of services, reports and other support material offered by INPRO to Member States (MS), for example, enhancements to the methodology for sustainability assessment of nuclear energy systems (NES). In addition, to directly assist INPRO staff on various events or projects as directed, for example providing assistance in the organization of INPRO Dialogue Forums, or with the development of new software packages for MS, or in finalizing INPRO products such as reports, publications, and/or web-based services. Furthermore, to provide the intern an opportunity to gain work experience in an international environment.

### Tasks / Key Results Expected

Under the guidance of the Section Head and in cooperation with other INPRO Task Leaders and staff, the intern's work assignment will be:

- Supporting the development of computer-based tools and services offered by INPRO to Member States;
- Organizing online material, develop websites;
- Performing research on technical/engineering topics as directed;
- Helping with meetings organization and implementation;
- Editing/revising technical reports; and
- Assisting in the implementation of INPRO activities in general as needed.

### Knowledge, Skills and Abilities

- Excellent oral and written communication skills
- Ability to work effectively with a team in a multicultural setting
- Excellent planning and organizational skills
- Adherence to deadlines and timely completion of tasks
- Advanced MS Office applications
- Advanced Website development
- Energy systems modelling, including simulation using appropriate programming languages
- Knowledge of advanced/innovative nuclear energy systems, including their fuel cycles



- Take initiative to learn more about INPRO tools and methods and propose improvements based on sound scientific and technical reasoning
- Consult with INPRO staff and seek advice to ensure that assigned tasks are progressing satisfactorily and in compliance with Agency rules

### Qualifications and Experience

- University Degree in Nuclear Physics and Engineering. Additional degree (field of study) in economics is an asset
- Produce credible and reliable technical work
- Demonstrated ability to collect/synthesize information from different sources and present/document them in a concise and logical manner
- Excellent written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Russian, Spanish) an asset.

### Internships

The IAEA accepts a limited number of interns each year. The internships are awarded to persons studying towards a university degree or who have recently received a degree (see Internship web pages for further details).

The purpose of the programme is:

- To provide interns with the opportunity to gain practical work experience in line with their studies or interests, and expose them to the work of the IAEA and the United Nations as a whole;
- To benefit the IAEA's programmes through the assistance of qualified students specialized in various professional fields.
- The duration of an internship is normally not less than three months and not more than one year.

### Applicant Eligibility

- Candidates must be a minimum of 20 years of age and have completed at least three years of full-time studies at a university or equivalent institution towards the completion of a first degree.
- Candidates may apply up to one year after the completion of a bachelor's, master's or doctorate degree.
- Candidates must not have previously participated in the IAEA's internship programme.
- Good written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Spanish or Russian) an asset.
- Candidates must attach two signed letters of recommendation to their application.