



## TERMS OF REFERENCE

### **Junior Professional Officer (JPO)** Associate Scientific Officer (Integrated Energy) P2

#### **Organizational Unit:**

Services Department (S) / Applied Climate Services Division, Climate Services Branch

#### **Responsibilities:**

Under the overall guidance of the Energy Sector lead of the Applied Climate Services Division (ASC), the incumbent will perform the following duties:

- (a) Provide technical support to develop and implement the Action Plan of the Study Group on Integrated Services for Energy of the WMO SERCOM Technical Commission;
- (b) Assist the Energy Lead of ACS in developing tailored tools and knowledge for energy transition to net zero, energy resilience and renewable energy and support to the EW4ALL Initiative;
- (c) Assist in liaising and developing projects and initiatives with key WMO partners including GEIDCO, IRENA, IEA, WEC, IAEA and SEforALL;
- (d) Provide technical support in the development and implementation of extrabudgetary projects in various countries in Southern Africa, Asia and South America;
- (e) Provide support for capacity development and outreach initiatives linked to the Global Framework for Climate Services and the UNFCCC (COPs);
- (f) Serve as focal point for coordination with the WMO Regional Offices and Centers on issues related to services for energy,
- (g) Assist Energy Lead of ACS in editing and writing technical reports and documents.
- (h) Carry out other relevant duties as required.

#### **Qualifications:**

**Education:** MSc or equivalent university degree from a recognized university or technical institute in meteorology, climatology, physics or engineering. Any knowledge of energy systems especially renewable energy would be useful.

**Experience:** At least 2-3 of experience in applied meteorology (windpower, solarpower, hydropower monitoring and forecasting, applied climatology). Experience with interacting with multiple organizations and/or local stakeholders on applied meteorology or climatology.

Ability to effectively and efficiently work with Microsoft Office applications and with internet editing applications. Good communication skills. Ability to edit and write technical documents. Ability to work efficiently in a multicultural environment.

**Language:** Excellent knowledge of English (excellent verbal and written communication skills); having another UN languages an advantage (Arabic, Chinese, English, French, Russian, and Spanish).

(Note: The official languages of the Organization are Arabic, Chinese, English, French, Russian and Spanish.)

## **Learning Elements:**

On completion of the assignment, the JPO will have:

- Complete WMO mandatory trainings.
- Deeper understanding of integrated energy issues.
- Demonstrate strong oral and written communication skills, and opportunity to attend UN language training organized by UNOG.
- Carry out the main activities in support of the integrated energy work programme processes, and understand the challenges of related scientific work in a multicultural environment of an international specialized UN Organization.
- Develop and maintain relations with various stakeholders and develop networks with considerable insight into integrated energy issues..