



Internship Assignment

Sustainable Development Mechanisms (SDM)
Regulatory Development Unit (RDU)
Digital Platform for MRV standards

Announcement number	Application deadline	Duration of assignment	Duty Station
17/Intern28/SDM- RDU Digitization	15 June 2017	Two to six months	Bonn, Germany

Background

The **United Nations Framework Convention on Climate Change (UNFCCC)** is the focus of the political process to address Climate Change. The secretariat supports the Convention, the Kyoto Protocol and the Paris Agreement through a range of activities, including substantive and organizational support to meetings of the Parties.

The Sustainable Development Mechanisms (SDM) programme is leading in the development and effective implementation of innovative approaches to broaden the engagement in and effectiveness of action to mitigate climate change and drive sustainable development. SDM supports the operationalization of the cooperative approaches established by Article 6 of the Paris Agreement and broader efforts to engage non-Party stakeholders in climate action. SDM manages the NAZCA platform, supports the COP Presidencies' Climate Action Champions, and supports the implementation of the three Kyoto mechanisms - the Clean Development Mechanism (CDM), Joint Implementation (JI), and International Emissions Trading (IET).

Objectives of the internship assignment

The internship assignment is with the Regulatory Development Unit (RDU) of the Sustainable Development Mechanisms (SDM) Programme. RDU is primarily responsible for developing, improving and managing greenhouse gas (GHG) measurement, reporting and verification (MRV) standards, procedures and guidelines in support of the Kyoto Protocol mechanisms and the Paris Agreement.

Under the direct supervision of the Programme Officer (P-3) and the overall guidance of the Team Lead (P-4), the intern will contribute to the piloting of a digital platform which supports the development of CDM standards (methodologies and standardized baselines) and their simplified use by stakeholders.

The particular functions are:

- Translating the requirements of selected CDM methodologies into a tree of questions, with a navigation logic based on calculations;
- Populating a digital platform with the tree of questions and navigation logic, the calculations and lists of default values;
- Building dynamic forms in Microsoft Word (e.g. CDM Project Design Document Form) so that they can be populated through the digital platform;
- Experiment and work with the digital platform, both as internal and external actors to the UNFCCC, and report on the test results.



Learning areas

During the period of the internship, a successful candidate will:

- Develop a good understanding of CDM methodologies, standardized baselines and the related UNFCCC processes which support actions to mitigate climate change and drive sustainable development;
- Strengthen analytical skills, and some programming and testing skills; and
- Learn about the operation of a digital product using an agile approach.

Timeframe

The internship is for a period of minimum two months to maximum six months, the exact period will be determined based on the availability of the intern, the needs of the programme, the intern's on-going university enrolment and performance.

Minimum requirements

- Candidates must have completed an undergraduate degree and be enrolled in a Master's or Ph.D. programme at a recognized university at the time of application and for the duration of the internship;
- Studies in the fields of engineering, information technology, statistics, or other related fields with some knowledge of IT programming, are preferred;
- Excellent analytic skills, with the ability to find commonalities among large amounts of information, and structure them. Prior experience as business analyst or survey designer, or knowledge of decision trees are considered as assets;
- Experience with a computer programming language (e.g. JavaScript, CoffeeScript);
- Experience with markup languages (e.g. HTML, XML, LaTeX) is an asset;
- Candidates must be fluent in English (both oral and written).

Internship conditions

UNFCCC secretariat internships are not remunerated and the selected intern will be responsible for all costs before, during and after the internship assignment. Interns of the UNFCCC secretariat are not considered to be staff members. The selected intern will work on a full-time basis (40 hours per week) at the UNFCCC premises in Bonn, Germany. For more detailed information about UNFCCC Internship programme please visit the internships section on our recruitment webpage:

https://unfccc.int/secretariat/internship_programme/items/2653.php.

Application procedure

Candidates who are interested in this assignment and meet the minimum requirements are encouraged to send their application including a cover letter through the on-line recruitment system available at <http://unfccc.int/secretariat/employment/recruitment>. Due to the high number of applications, only candidates under serious consideration will be contacted for a telephone interview.