

SUDSC-II: Mainstreaming Risk-informed, Integrated, Resilient and Sustainable Urban Development in Cities (in partnership with GIZ)

PROJECT BACKGROUND:

The Programme “Sustainable Urban Development – Smart Cities II” (SUDSC II) aims at anchoring resilient, sustainable approaches and solutions for urban development including infrastructure that consider disaster risk management and the leave-no-one-behind concept, within the context of various programmes and missions of the Government of India.

As a Strategic Partner with GIZ, NIUA will play a variety of roles as part of an end-to-end ‘Ecosystem Support’ for mainstreaming risk- informed, integrated, resilient and sustainable urban development in cities. This will involve four components:

- **Policy Advocacy:** This component will focus on supporting the effective development of various policy frameworks and guidelines for shaping city planning practices, infrastructure design and technology adoption as well as governance mechanisms to effectively achieve risk-informed, integrated, resilient, sustainable and inclusive urban development.
- **Capacity Building:** This component will focus on developing capacities of government functionaries as well as other professionals from industry, academia and civil society who can champion the strategies foregrounded under the partnership and ensure implementation. NIUA will support the roll out of cross-sectoral modules through selected training institutions.
- **Mainstreaming Innovations:** This component includes support for implementation of innovative frameworks/ solutions in partner cities that can act as lighthouse initiatives for scaling up across the cities/states. Focus will be on fostering data-based digital tools that can lead to improved planning, governance and service delivery.
- **Instituting Communities of Practice:** This component will focus on constituting peer-to-peer knowledge exchange platforms comprising representatives from public, private, scientific communities and CSOs. Deliberations of such groups will result in the development of knowledge products on risk-informed, integrated, resilient and sustainable urban development with focus on gender and inclusion.

Summarily, under the partnership, NIUA will help to improve timely adoption/adaption of the strategies espoused under the SUDSC-II into the planning and governance frameworks of partner States (namely Odisha, Tamil Nadu, Kerala, Karnataka, Telangana) and Cities and effectively nudge on-ground implementation.

GIZ-SUDSC-II SUPPORT PROGRAMME : VACANCY ANNOUNCEMENT

PROJECT ID.	NIUA/114
PROJECT	SUDSC-II: Mainstreaming Risk-informed, Integrated, Resilient and Sustainable Urban Development in Cities (GIZ)
POSITION	Project Associate- Digital Expert
EXPERIENCE	Min. 5 years
SALARY BAND	As per NIUA standards
DURATION	Until 30 th April, 2024 (one year renewable contract with a probation period of 3 months)
LOCATION	New Delhi with willingness to travel to partner States/ Cities
LAST DATE OF APPLICATION	26 th February 2023

A. DUTIES AND RESPONSIBILITIES: **Project Associate** will provide support to the Team Lead (SUDSC) at NIUA for executing digital transformation components with special focus to digital innovation, development of digitally sound capacity building modules and dissemination of the content through different online methods. The ideal candidate should be able to provide cutting-edge and integrated solutions to India's urban development challenges by bringing together expertise across diverse domains of knowledge and practice. Under the guidance and direct supervision of the Team Lead, the Project Associate shall undertake the following tasks:

- i. Lead the end-to-end management of digital transformation and data innovation projects;
- ii. Provide data science and analytics support to the project team and partners for informed and evidence-based decision making;
- iii. Provide support and advice on digital innovations in the defined intervention areas as per project requirements;
- iv. Provide support and advice on capacity development and data-based innovative projects to partners and cooperating with relevant stakeholders;
- v. Support development of knowledge products and communicating innovations to a broad target group;
- vi. Perform the quality assurance over the content, functionalities and structure of the programme;
- vii. Maintain a good flow of communication & information and coordination with relevant stakeholders at the city level;
- viii. Support in preparation of project progress reports as per the GIZ guidelines;
- ix. Any other duty and responsibility assigned by the Director, NIUA; Lead, Urban Strategy Unit; and Team Lead.

B. QUALIFICATION & EXPERIENCE:

- i. Bachelor's in Technology/ Engineering in Computer Science/ Information Technology/ Data Science/ Data Analytics or another area related to the programme objectives;

- ii. At least 5 years of professional experience of which 2 years of experience should in Digital Transformation projects in an Urban Development sector or related sector/ programme objectives;
- iii. Working knowledge of trends and technologies based on ICT, IoT, cloud computing, big data analytics, and AI-ML and String fundamentals of front-end technologies like in open source technologies and tools, will be preferred;
- iv. An in-depth understanding of networking concepts to create a scalable and secure cloud-based solution;
- v. Familiarity with cloud services such as AWS, Microsoft Azure, OpenStack, and GCP;
- vi. Understanding how to design API connections between rest API platforms/software which includes the process of building an API or integrating one with applications and platforms;
- vii. Knowledge of different Version Control systems such as GitHub for tracking and monitoring of development and modifications to the software;
- viii. Coordination skills and ability to work in a team with other professionals;
- ix. Good communication, interpersonal and presentation skills, with an ability to work in a multi-cultural environment;

DESIRABLE:

- i. Experience with State Govt/ Central Govt/Local Bodies/ Resource Centres/ NGOs/ Communities/ National Urban Missions (SMART City, AMRUT, PMAY, etc)/ multilateral/ bi-lateral organisation like ADB, KFW,UNDP, GIZ etc;
- ii. Proficiency in spoken and written English. A good command over regional language of partner Cities is an advantage.