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# Innovation, Transformation and Resilience for Sustainable Development, Lund University

This graduate-level capacity building course explores the role of innovation in transforming the economy and increasing social resilience over the long-term process of sustainable development in a low-income country context. The course is part of the African Union Development Agency-New Partnership for Africa's Development's (AUDA-NEPAD) larger project *African Science, Technology and Innovation Indicators (ASTII) Initiative*, which aims to strengthen the capacity of Africans to develop and use Science, Technology, and Innovation (STI) indicators in planning and policy at the national, regional, and continental levels. The course is funded by the Swedish International Development Cooperation Agency (Sida) and AUDA-NEPAD.

## BACKGROUND

Innovation and innovation practices are vital to resilient, sustainable development. With this in mind, AUDA-NEPAD, Africa's primary development agency, has driven forward the *African Science, Technology and Innovation Indicators (ASTII) Initiative* since 2007. This multi-phase project, now at the beginning of the fourth phase (2022-2025), aims to revitalise the in-country capability of senior officials to:

- Develop and promote the adoption of internationally compatible STI indicators;
- Build human and institutional capacities for STI indicators and related surveys;
- Enable African countries to participate in international programmes for STI indicators; and
- Inform African countries on the state of STI in Africa

Ultimately, AUDA-NEPAD, the project, and the course support the long-term continental vision known as Agenda 2063, 'The Africa We Want'.

The course, offered by Lund University, contributes to one of the goals of ASTII: to produce a community of best practice with 80 trained officials by 2025 to improve Africa's National Innovation Systems. Each course cohort comprises 20 key people who will gain specialized knowledge of the role of innovation in resilience and sustainable development. As course alumni, you will be valued members of this community with network opportunities across Africa and with institutions involved in the Swedish Innovation System.

## COURSE CONTENT & TIMELINE

Why and how have some developing countries been able to set in motion catching-up processes while others remain stagnant or even fall behind?

The course examines key aspects of these processes. You will unpack theoretical perspectives on innovation and technology, dissect the role of innovation policies in historically successful examples of resilient and sustainable development, and understand how indicators of innovation relate to measures of structural change. Importantly, the course facilitates application of theoretical and historical understanding to your current context, and you will be able to identify policies and public investments that combine support for both innovation and sustainable development.

We will also discuss analytical perspectives on economic development and transformation, including: possibilities for and experiences of industrial policy, national innovation systems, technology transfer, social capabilities, economic

complexity, market-state relationship, trade relations, governance and domestic resource mobilisation, greening strategies, institutional change, and resilience to economic shrinking.

The course begins with an online introduction in April 2023 with lectures, reading, and short assignments. After this, we welcome you to Lund, Sweden from 8 May 2023 to 28 May 2023 for lectures, seminars, and group work. The course ends with a final individual assignment after you have returned home. With a passing grade on the final examination, you will receive a diploma and 7.5 ETCS credits.

### TEACHING AND COORDINATING STAFF AT LUND UNIVERSITY

The course is given by the Department of Economic History and taught by experts at the [Lund University School of Economics and Management](#), delivered with support by the [Lund University Department of Commissioned Education](#).

### TARGET GROUP

Our target candidates are professionals engaged in ASTII and/or innovation policy and management, mid- to upper-level public officials across Africa, and ideally between 30-55 years old. Applications from low-income countries are especially encouraged. The course also strives for gender-balanced participation.

### Formal admission requirements

- CV with relevant professional experience
- Bachelor's degree (preferably in the Social Sciences) or the equivalent work experience in the field of Innovation policy/management and/or Development practice
- English language certificate from an official body or equivalent (e.g. TOEFL or IELTS), if not mother tongue
- Motivation Letter, max 1 page, explaining why you want to participate and how the course will benefit your professional organisation
- Able to travel to Sweden: obtain a Schengen-visa and meet Covid-19 travel requirements

### PRACTICAL INFORMATION

#### Course dates:

12 April 2023 – 6 May 2023 (online introduction)

8 May 2023 – 28 May 2023 (in Sweden)

Last week in June 2023 (final seminar, examination online)

**Number of participants:** 20

**Costs:** Sida will cover the costs related to:

- participation in the programme and study tours;
- hotel accommodation;
- a meal allowance to cover self-cooked meals;

- international travel to and from Sweden.

Participants will cover travel costs to and from the international airport nearest their home, visa costs, vaccination/Covid tests and all personal expenses not indicated here.

### APPLY

[HERE](#) between 15 September, 2022 and 1 November, 2022. Successful applicants will be notified in December 2022/ January 2023.

### CONTACT

If you have any questions about the course or the application process, contact: [transformation@education.lu.se](mailto:transformation@education.lu.se)

