

CONVENTION ON LONG-RANGE TRANSBOUNDARY AIR POLLUTION

E-learning Course



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



SWEDISH
ENVIRONMENTAL
PROTECTION
AGENCY

Aim of the courses

Convention and protocols

- Assist countries in addressing air pollution
- Improve air quality management
- Raise awareness about air pollution and its effects
- Improve learners' understanding of ways to prevent and reduce harmful emissions
- Promote Convention and its protocols as an international framework for cooperation on cleaner air

Emission inventory development

- Assist countries in addressing air pollution and develop emission inventories
- Explain the importance of emission inventories for clean air policy development
- Explain the reporting process and requirements
- Explain methods for emission estimation

For whom?

Convention and protocols

- Policymakers
- Government officials
- Staff from intergovernmental/non-governmental organizations
- Private sector professionals
- Students/academia
- Other stakeholders

Emission inventory development

- Employees of Ministries and technical institutes dealing with the Convention
- Staff from intergovernmental/non-governmental organizations
- Students/academia
- Other stakeholders

Learning objectives

After completing the course, learners will be able to:

Convention and protocols

- Identify key air pollutants and their sources and effects
- Recall measures to reduce and prevent air pollution
- Recognize the value of the Convention as a framework for international cooperation to reduce air pollution
- Define basic principles under the Convention and its protocols
- Explain the basic obligations under the Convention's protocols
- Identify the key stakeholders and processes under the Convention and its protocols

Emission inventory development

- Explain what an emission inventory is
- Identify substances that are released into the atmosphere from various human activities
- Describe how emission inventories contribute to the development of clean air policy at national and international levels
- Outline the objectives, scope and principles of the Guidelines for reporting developed under the Convention
- List different source categories covered by reporting obligations
- Understand the principles of completing the reporting templates
- Describe different emission estimation methods used under the Convention

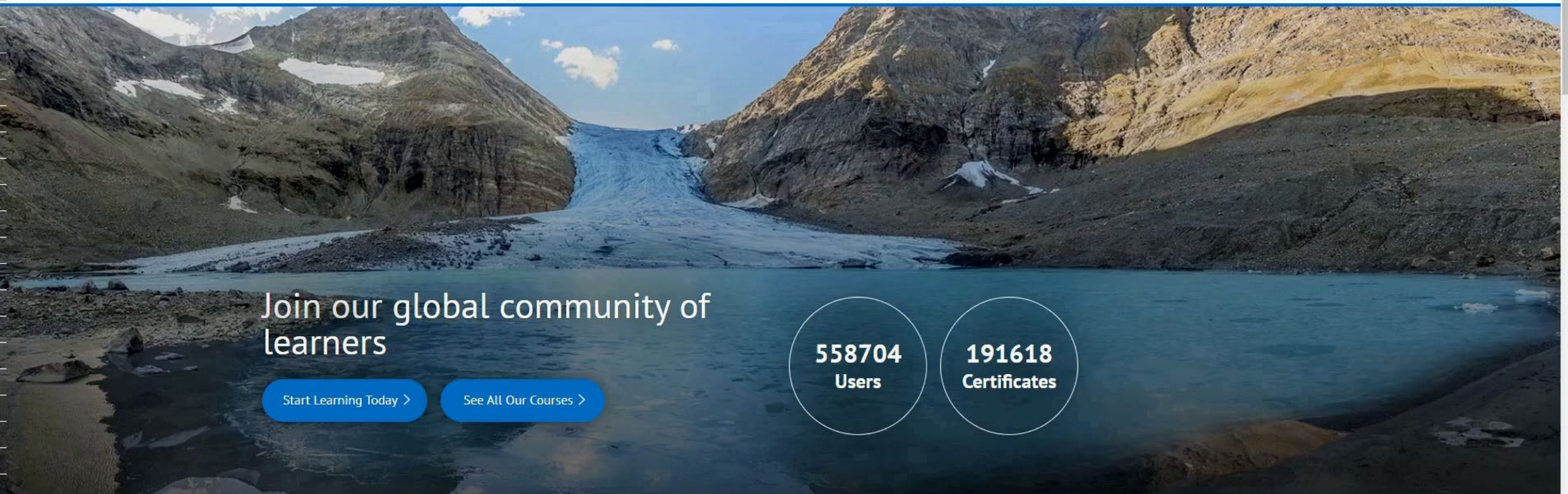
Course content and structure

Convention and protocols

- Module 1: The Convention on Long-range Transboundary Air Pollution
- Module 2: The Protocol to Abate Acidification, Eutrophication and Ground-Level Ozone (Gothenburg Protocol)
- Module 3: The Protocol on Heavy Metals
- Module 4: The Protocol on Persistent Organic Pollutants

Emission inventory development

- Module 1: Purpose and scope of emission inventories
- Module 2: Reporting process and templates
- Module 3: Emission estimation methods



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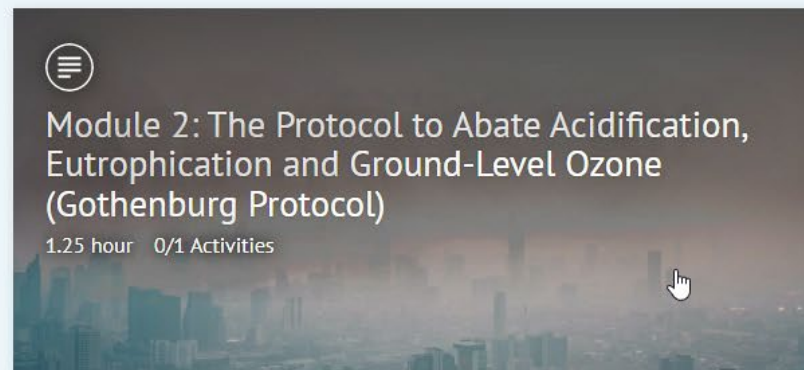
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Certificates


Convention on Long-range Transboundary Air Pollution

Overview **Course** Certification



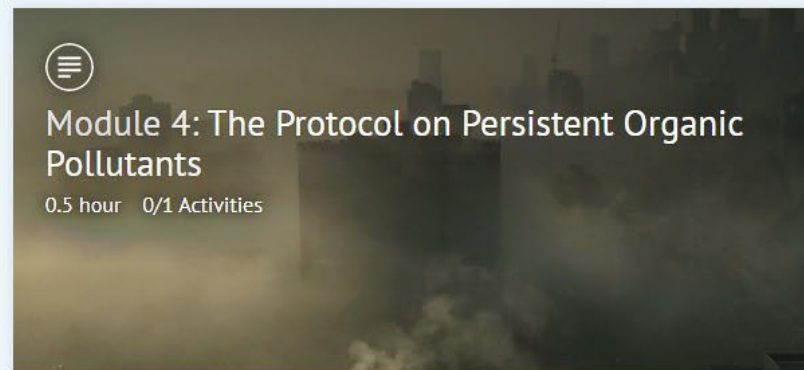
 **Module 1: The Convention on Long-range Transboundary Air Pollution**
1 hour 0/1 Activities




 **Module 2: The Protocol to Abate Acidification, Eutrophication and Ground-Level Ozone (Gothenburg Protocol)**
1.25 hour 0/1 Activities



 **Module 3: The Protocol on Heavy Metals**
0.75 hour 0/1 Activities



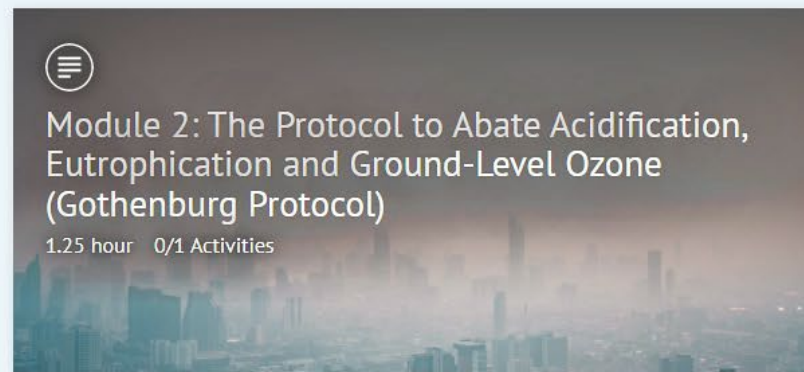
 **Module 4: The Protocol on Persistent Organic Pollutants**
0.5 hour 0/1 Activities


Convention on Long-range Transboundary Air Pollution

Overview **Course** Certification



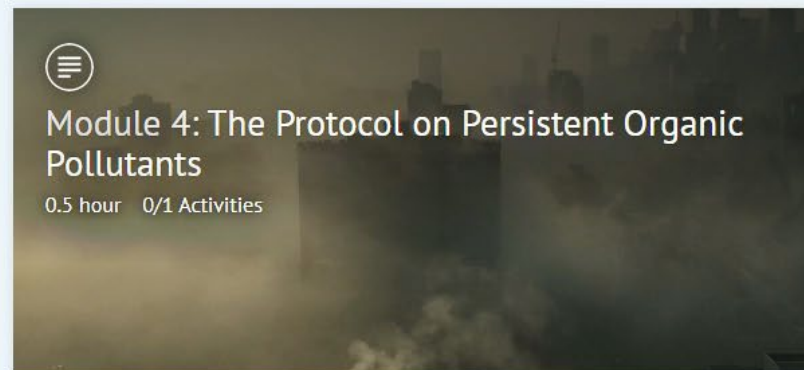
 **Module 1: The Convention on Long-range Transboundary Air Pollution**
1 hour 0/1 Activities




 **Module 2: The Protocol to Abate Acidification, Eutrophication and Ground-Level Ozone (Gothenburg Protocol)**
1.25 hour 0/1 Activities



 **Module 3: The Protocol on Heavy Metals**
0.75 hour 0/1 Activities



 **Module 4: The Protocol on Persistent Organic Pollutants**
0.5 hour 0/1 Activities

COURSE IN ENGLISH

ENROLLMENTS: 3,842 learners

CERTIFICATES OF COMPLETION: 707 certificates issued

COUNTRIES: 166 countries covered

TOP 10 COUNTRIES ON ENROLMENTS

COUNTRY	NUMBER OF ENROLMENTS
China	1,032
India	534
Aruba	182
Nigeria	137
Pakistan	109
Viet Nam	89
Brazil	82
Mexico	82
United States Of America	77
Kenya	74

COURSE IN RUSSIAN

ENROLLMENTS: 318 learners

CERTIFICATES OF COMPLETION: 26 certificates issued

COUNTRIES: 31 countries covered

TOP 10 COUNTRIES ON ENROLMENTS

COUNTRY	ENROLLMENTS
China	224
Russian Federation	18
Kazakhstan	9
Georgia	7
Ukraine	5
Brazil	4
Belarus	4
Republic of Moldova	3
Aruba	3
Uzbekistan	3

<https://unece.org/environment-policy/air>

<https://unccelearn.org/course/view.php?id=150&page=overview>

<https://unccelearn.org/course/view.php?id=152&page=overview>

MENU NARRATION

▼ Introduction

How to report emissions under the Conve... ✓

Course overview

Navigation tips

Learning objectives

▼ Module 1

1.0 Purpose and scope of emission invent...

1.1 What is an emission inventory?

1.2 Sources of air pollution

1.3 Why do we need emission inventories?

1.4 Emission inventories and the air qualit...

1.5 Reporting principles

1.6 Reporting scope



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

Umwelt
Bundesamt



Welcome

How to report emissions under the Convention on Long-range Transboundary Air Pollution



Make sure your
audio is enabled



Duration: 90mins

Start ▶

