

NATURAL RESOURCE MANAGEMENT

Hybrid training course in natural resource management for public and private development actors



IN PARTNERSHIP WITH



WITH THE SUPPORT OF



While two-thirds of african countries can be considered rich in natural resources, taxation of the extractive sector represents **a challenge for the countries concerned**, which also need resources to finance their development. Yet governments do not always manage to tax these resources sufficiently. **Taxation of the mining and petroleum sectors raises many questions:** the sharing of rents between the State and the investor, the use of financial modelling to evaluate extractive projects, the problems of tax optimization, the challenges of improving transparency, etc.

PEDAGOGICAL OBJECTIVES

This training course on the management of natural resources aims to reflect on the issues surrounding the taxation of the extractive sector:

- 1 Understand the various fiscal and parafiscal levies and learn how to model the sharing of mining and petroleum rents.
- 2 Detail the possible uses of the models, depending on the actors involved.
- 3 Discuss tax policy in the extractive sector, with particular focus on tax optimization.
- 4 Present the opportunities offered by higher transparency, using data from the Extractive industries transparency initiative (EITI).

TARGET AUDIENCE

Economists, lawyers, tax specialists, tax authorities, ministries of mines and hydrocarbons, and other public or private actors of the african extractive sector.

If you have a disability-related need, please contact our disability advisor:
emeline.campagne@ferdi.fr

Instructors

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DISTANCE LEARNING COMPONENT

The IHEDD offers a choice of 4 distance-learning certification courses. The courses are entirely online:

- Training content is available 24/7 on the IHEDD distance learning platform, so that you can work at your own pace;
- A forum is available on the training platform, as well as a Whatsapp group to support participants in their training;
- Every two weeks, an exchange of experience with the trainers and the community of learners is offered by videoconference to go into greater depth over the concepts and answer any questions.

*The detailed program for each course is available on the **Ferdì website**.*

COURSE 1

Understanding and modeling the sharing of mining and petroleum rent in Africa

The question of the fair sharing of mining and oil revenues then resurfaces regularly, especially when commodity prices rise sharply.

This training course begins with a review of the challenges facing the extractive sector on the African continent, then goes on to explain the various fiscal and parafiscal levies that can be used to tax mining companies, with the aim of learning how to model the sharing of rents. Throughout the various training modules, participants are required to build, step by step in Excel, a model for sharing oil rents.

Calendar

- **09/12/2024**
Deadline for applications
- **16/12/2024**
Announcement of selection results
- **24/12/2024**
Deadline for payment of registration fees
- **06/01/2025 to 10/03/2025**
Distance learning



Number of places

40

Teaching time

50 hours

Contribution to training costs

700 € (scholarships may be available, thanks to the support of the French ministry of Europe and foreign affairs, for public administration executives from developing countries).

COURSE 2

Use of financial models in the african extractive sector

The aim of this training course is to discover the possible uses of rent-sharing models from the point of view of the various actors in the extractive sector.

Governments and state-owned companies use them to manage revenues from their natural resources. Financial institutions use them to grant loans. Civil society can use them to evaluate projects and inform public debate.

Calendar

- **17/02/2025**
Deadline for applications
- **24/02/2025**
Announcement of selection results
- **04/03/2025**
Deadline for payment of registration fees
- **17/03/2025 to 07/04/2025**
Distance learning

Number of places

40

Teaching time

10 hours

Contribution to training costs

300 € (scholarships may be available, thanks to the support of the French ministry of Europe and foreign affairs, for public administration executives from developing countries).

COURSE 3

Understanding fiscal design in the african extractive sector

The natural resource curse is an empirical relationship which states that the richer a country is in natural resources, the lower its growth rate.

Several explanations for this curse have been put forward: the Dutch disease and the appreciation of the exchange rate, the deterioration in the quality of institutions, or the emergence of conflicts over the appropriation of resources. The risk posed by this curse weighs heavily on many resource-rich african countries. For these countries, the ability to set up an equitable/optimal tax system is crucial to raising revenues and financing their development.

The aim of this training course is to enable participants to reflect on the main risks and difficulties posed by the taxation of the extractive sector (aggressive tax optimization, indirect transfers, VAT credits, etc.) to which tax authorities must be particularly attentive. The main solutions adopted by certain countries will be examined. Throughout the various distance learning modules, these problems will be illustrated by case studies using basic tax and accounting concepts (balance sheet and income statement).

Calendar

- **17/03/2025**
Deadline for applications
- **24/03/2025**
Announcement of selection results
- **01/04/2025**
Deadline for payment of registration fees
- **14/04/2025 to 12/05/2025**
Distance learning

Number of places

40

Teaching time

15 hours

Contribution to training costs

450 € (scholarships may be available, thanks to the support of the French ministry of Europe and foreign affairs, for public administration executives from developing countries).



COURSE 4

Use Extractive industries transparency initiative (EITI) data to strengthen transparency in the extractive sector

The Extractive industries transparency initiative (EITI) is probably the most advanced international organization promoting better governance in the extractive sector.

Founded in 2003, it has expanded rapidly and now counts nearly sixty member countries. The EITI is based on a Standard that requires or recommends the publication of a wide range of data for each country and each year: production and exports in volume and value, revenues collected disaggregated by tax and on a project by project basis. This training course will first introduce the EITI (its role, the standard, the data that must be disclosed), then explain where to find the main data published (production, exports, revenues).

Calendar

- **21/04/2025**
Deadline for applications
- **28/04/2025**
Announcement of selection results
- **06/05/2025**
Deadline for payment of registration fees
- **09/05/2025 au 23/05/2025**
Distance learning

Number of places

40

Teaching time

15 hours

Contribution to training costs

300 € (*scholarships may be available, thanks to the support of the French ministry of Europe and foreign affairs, for public administration executives from developing countries*).

PRACTICAL INFORMATION

To take this course, you need a PC or laptop and an internet connection. Training courses are available in english or french.

REQUIREMENTS

Know how to use Excel's basic functions.



Certification

Each distance-learning course includes a final assessment, leading to the award of a **certificate bearing the course name** (score \geq 60%).

REGISTRATION

Understanding and modeling the sharing of mining and petroleum rent in Africa:

<https://ferdi.fr/en/ihedd/understanding-and-modeling-the-sharing-of-mining-and-petroleum-rent-in-africa>

Use of financial models in the African extractive sector:

<https://ferdi.fr/en/ihedd/use-of-financial-models-in-the-african-extractive-sector>

Understanding fiscal design in the African extractive sector:

<https://ferdi.fr/en/ihedd/understanding-fiscal-design-in-the-african-extractive-sector>

Use Extractive Industries Transparency Initiative (EITI) data to strengthen transparency in the extractive sector:

<https://ferdi.fr/en/ihedd/use-extractive-industries-transparency-initiative-eiti-data-to-strengthen-transparency-in-the-extractive-sector>





FACE-TO-FACE LEARNING COMPONENT

Analyze and explore the issues involved in sharing the rent of an extractive project

From June 16 to 20, 2025, the IHEDD will be offering a **week of in-depth training** to certified learners of the distance learning courses "Understanding and modeling the sharing of extractive rent in Africa" (between 2020 and 2025) and "Understanding fiscal design in the African extractive sector" (between 2023 and 2025).

The face-to-face course will offer a **total of 35 hours of teaching (5 days)**:

- Privileged exchanges with course instructors and guest experts;
- In-depth study of selected topics covered in distance learning courses;
- Practical application and case studies;
- Sharing of experiences and practices between participants from different countries and backgrounds.

To obtain the Ferdi-IHEDD certificate, learners must pass a final evaluation (score $\geq 60\%$).

Number of places

25

Calendar

- **25/04/2025**
Deadline for applications
- **29/04/2025**
Announcement of selection results
- **03/06/2025**
Deadline for payment of registration fees
- **Du 16/06/2025 to 20/06/2025**
Face-to-face training

Contribution to training costs

1 800 €

Full scholarships (transport, accommodation and registration fees) or partial scholarships (transport and accommodation) may be awarded thanks to the support of the French Development Agency (AFD), on the basis of the quality of applications and the expression of motivations.

Language

Face-to-face training is available **in french only**.

APPLICATION

Candidates must complete the online application form available at the following link:

<https://ferdi.fr/ihedd/analyser-et-approfondir-les-enjeux-du-partage-de-la-rente-d-un-projet-extractif>

They will be asked to attach **several documents**:

- A CV;
- A cover letter;
- Certificates for the two pre-requisite training courses "Understanding and modeling the sharing of extractive rent in Africa" (between 2020 and 2025) and "Understanding fiscal design in the African extractive sector" (between 2023 and 2025).

Indicative location: Clermont-Ferrand



IHEDD

IHEDD is the training institute of the IDGM+ “Initiative for development and global governance” laboratory of excellence. It brings together the Fondation pour les études et recherches sur le développement international (Ferdj), the Institut du développement durable et des relations internationales (Iddri) and the Centre d’études et de recherches sur le développement international (Cerdj, UMR, CNRS - UCA). Through Ferdj, IHEDD is recognized as a “professional training organization” and is Qualiopi certified.

→ MORE INFORMATION

WWW.FERDI.FR/EN/TRAINING-IHEDD

COLUMBIA CENTER ON SUSTAINABLE INVESTMENT

The Columbia center on sustainable investment (CCSI) is a joint center of Columbia law school and the Earth institute at Columbia university in New York. This applied research center and academic forum is dedicated to the study, practice and exchange of sustainable international investment. Its mission is to develop practical approaches for governments, investors, communities and other stakeholder to maximize the benefits of international investment for sustainable development. CCSI is an expert in mineral markets, critical minerals, mineral resource governance and the green economy. It has developed tax models, open to all, from the petroleum sector to the mining sector.

→ MORE INFORMATION

[HTTPS://CCSI.COLUMBIA.EDU/](https://CCSI.COLUMBIA.EDU/)

CONTACTS

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