



Appraisal Environmental and Social Review Summary

Appraisal Stage

(ESRS Appraisal Stage)

Date Prepared/Updated: 08/15/2019 | Report No: ESRSA00240



BASIC INFORMATION

A. Basic Project Data

Country	Region	Project ID	Parent Project ID (if any)
Cote d'Ivoire	AFRICA	P170130	
Project Name	Support to the Data Science Institute at the Institut National polytechnique Houphouet Boigny		
Practice Area (Lead)	Financing Instrument	Estimated Appraisal Date	Estimated Board Date
Other	Investment Project Financing		8/19/2019
Borrower(s)	Implementing Agency(ies)		
Ministère de l'Enseignement Supérieur et de la Recherche Scientifique	National Polytechnic Institute Houphouet-Boigny (INP-HB), Data Science Institute		

Proposed Development Objective(s)

The proposed development objective is to increase the availability of highly-skilled data scientists in Côte d'Ivoire and in the region, in response to a fast-growing demand from the public and the private sectors. This will be done in a sustainable manner by supporting the operation and expansion of the Data Science Institute at the Institut National Polytechnique Felix Houphouet Boigny (INP-HB) of Yamoussoukro.

Financing (in USD Million)	Amount
Total Project Cost	0.40

B. Is the project being prepared in a Situation of Urgent Need of Assistance or Capacity Constraints, as per Bank IPF Policy, para. 12?

No

C. Summary Description of Proposed Project [including overview of Country, Sectoral & Institutional Contexts and Relationship to CPF]

The project supports the development and delivery of the Masters in Data Science curriculum at the Institut National Polytechnique Houphouet Boigny (INP-HB) in Yamoussoukro, Côte d'Ivoire. The main components of the project are the development of training materials, the training of trainers, and the provision of ad-hoc training in advanced data



science topics. The project will also support the establishment of a small data center at the INPHB Data Science Institute, serving the needs of the students.

D. Environmental and Social Overview

D.1. Project location(s) and salient characteristics relevant to the ES assessment [geographic, environmental, social]

The project will focus mainly on training of Scientists in Data management in response to the fast growing demand in both public and private sectors. The objective is to train experts in data science (big data / new approaches of data analytics such as machine learning and data mining).

The main components of the project are the development of training materials, the training of trainers, and the provision of ad-hoc training in advanced data science topics. The project will also support the establishment of a small data center at the INPHB Data Science Institute, serving the needs of the students.

D. 2. Borrower’s Institutional Capacity

The main entity that will be implementing this project is the Institut National Polytechnique Houphouet Boigny (INPHB) in Yamoussoukro.

The borrower has an acceptable legal and regulatory environmental and social framework.

II. SUMMARY OF ENVIRONMENTAL AND SOCIAL (ES) RISKS AND IMPACTS

A. Environmental and Social Risk Classification (ESRC)

Low

Environmental Risk Rating

Low

The project will be limited to developing training materials and running various training in data management. No civil works are contemplated considering the objectives and size of the project.

Social Risk Rating

Low

The project will help to acquire the service of experts in data science to develop the best possible INP-HB-branded training materials. It would involved on client capacity enhancement on data collection and management. These training materials would include reference manuals and reproducible analytics (all to be shared as open materials, accessible to other training centers). It will therefore not involved any activities that leads to land acquisition or civil works.

B. Environment and Social Standards (ESSs) that Apply to the Activities Being Considered

B.1. General Assessment

ESS1 Assessment and Management of Environmental and Social Risks and Impacts

Overview of the relevance of the Standard for the Project:

The project will be limited to developing training materials and running various training in data management. The expected environmental and social impacts of the project will be generally positive. The Project will not finance civil engineering works that usually can induce risks and/or negative environmental and social impacts. Environmental risks are expected to be minor, and their mitigation will be guided by national and local laws and procedures.

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However, the setting up of implementing agency and the implementation of project activities, could include possible labor issues. A Labor Management Procedure will be prepared, to address Labor issues.

ESS10 Stakeholder Engagement and Information Disclosure

Several iterative meetings and exchanges took place between the Administration of INP-HB and the other stakeholders of the Project namely the Students and the Staff of the Institute of Data Sciences, the World Bank, the National School of Statistics and applied economics (Abidjan, Ivory Coast), Ecole Polytechnique de Paris (France) and Orange Côte d'Ivoire.

A Stakeholder Engagement Plan (SEP) has been prepared with the participation of the stakeholders involved in the preparation of the project. It will be disclosed as part of the project preparation and will be finalized during project implementation. This plan addresses strategies of communication and stakeholders consultation and information disclosure on management of environmental and social risks identified by stakeholders and it will be updated as and when necessary.

A grievance mechanism for labor disputes and to handle general complaints related to the project investments has been prepared and included in the SEP.

B.2. Specific Risks and Impacts

A brief description of the potential environmental and social risks and impacts relevant to the Project.

ESS2 Labor and Working Conditions

This standard is applicable both to employees of the PIU and to civil servants' workers that will be receiving salaries under the project. The PIU, at a minimum, will include direct workers, who will need to meet requirements for: terms and conditions of employment, nondiscrimination and equal opportunity, worker's organizations, where applicable under national law, and occupational health and safety (OHS) measures. Civil servants working in connection with the project full-time or part-time will remain subject to the terms and conditions of their existing public sector employment or agreement, unless there has been an effective legal transfer of their employment or engagement in the project. The civil servants receiving salaries under the project will also have to adhere to provisions regarding: child labor (a child under the minimum age (14 or higher, depending on national laws) will not be employed or engaged in connection with the project); and forced labor (a prohibition against any kind of involuntary or compulsory labor, such as indentured labor, bonded labor, or similar labor-contracting arrangements; also, no trafficked persons will be employed in connection with the project).

The project includes a condition of effectiveness for Labor Management Procedures for both the PIU staff and for Civil servants' workers receiving salaries. The project will also include a grievance mechanism for labor disputes.

ESS3 Resource Efficiency and Pollution Prevention and Management



Not relevant at this stage, as the project will not finance activities that involve energy efficiency or pollution prevention and management.

ESS4 Community Health and Safety

Not relevant at this stage, as the project will not (i) finance activities that induce risks on community health and safety and (ii) involve Gender Based Violence (GBV) / Sexual Exploitation and Abuse (SEA).

ESS5 Land Acquisition, Restrictions on Land Use and Involuntary Resettlement

Not relevant at this stage as the project is not financing activities that involve land acquisition, restrictions on land use, or involuntary resettlement.

ESS6 Biodiversity Conservation and Sustainable Management of Living Natural Resources

Not relevant at this stage, as the project does not involve biodiversity conservation and sustainable management of living natural resources.

ESS7 Indigenous Peoples/Sub-Saharan African Historically Underserved Traditional Local Communities

There are no Indigenous Peoples/Sub-Saharan African Historically Underserved Traditional Local Communities in the project area.

ESS8 Cultural Heritage

Not relevant at this stage, as the project will not finance activities that will affect cultural heritage.

ESS9 Financial Intermediaries

This project is not a Financial Intermediaries operation.

B.3 Other Relevant Project Risks

At this stage, the team is not aware of any relevant project risks.

The team will flag any contextual, reputational and/or political economy risks of relevance to the Project’s screening of environmental and social risks and impacts during preparation (if any).

C. Legal Operational Policies that Apply

OP 7.50 Projects on International Waterways No

OP 7.60 Projects in Disputed Areas No

Public Disclosure



III. BORROWER’S ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN (ESCP)

DELIVERABLES against MEASURES AND ACTIONs IDENTIFIED	TIMELINE
ESS 1 Assessment and Management of Environmental and Social Risks and Impacts	
The government will develop and implement an Environmental and social commitment plan (ESCP).	07/2019
ESS 10 Stakeholder Engagement and Information Disclosure	
The government will prepare a Stakeholder Engagement Plan (including the complaints management mechanism), which will be written and disseminated prior to the evaluation of the Project.	07/2019
ESS 2 Labor and Working Conditions	
The Government will develop labor management procedures in accordance with the national provisions and the ESS 2, taking into account the recruitment and job management procedure within the project.	09/2019
ESS 3 Resource Efficiency and Pollution Prevention and Management	
ESS 4 Community Health and Safety	
ESS 5 Land Acquisition, Restrictions on Land Use and Involuntary Resettlement	
ESS 6 Biodiversity Conservation and Sustainable Management of Living Natural Resources	
ESS 7 Indigenous Peoples/Sub-Saharan African Historically Underserved Traditional Local Communities	
ESS 8 Cultural Heritage	
ESS 9 Financial Intermediaries	

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B.3. Reliance on Borrower’s policy, legal and institutional framework, relevant to the Project risks and impacts

Is this project being prepared for use of Borrower Framework? No

Areas where “Use of Borrower Framework” is being considered:

The project will not make use of the Borrower's E & S Framework but will comply with all national legal requirements.

IV. CONTACT POINTS

World Bank

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Borrower/Client/Recipient

Borrower: Ministère de l'Enseignement Supérieur et de la Recherche Scientifique

Implementing Agency(ies)

Implementing Agency: National Polytechnic Institute Houphouet-Boigny (INP-HB), Data Science Institute

V. FOR MORE INFORMATION CONTACT

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VI. APPROVAL

Task Team Leader(s):	Yao Kouadio Charles Kouame
Practice Manager (ENR/Social)	Abdelaziz Lagnaoui Cleared on 15-Aug-2019 at 11:41:1 EDT

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