

# Using ICT to improve the World Bank Group Environmental Health and Safety Guidelines

The WBG and social media engagement



Gaël Grégoire  
Senior Policy Officer  
Environment, Social and Governance  
ggregoire@ifc.org  
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# HOW WE USED ICT TO :

Expand our knowledge of the EHS Guidelines stakeholders

Find the most effective channels to inform and consult

Improve the usability of the EHS Guidelines



## Environmental, Health, and Safety General Guidelines

### Introduction

The Environmental, Health, and Safety (EHS) Guidelines are technical reference documents with general and industry-specific examples of Good International Industry Practice (GIIP)<sup>1</sup>. When one or more members of the World Bank Group are involved in a project, these EHS Guidelines are applied as required by their respective policies and standards. These **General EHS Guidelines** are designed to be used together with the relevant **Industry Sector EHS Guidelines** which provide guidance to users on EHS issues in specific industry sectors. For complex projects, use of multiple industry-sector guidelines may be necessary. A complete list of industry-sector guidelines can be found at:

[www.ifc.org/ictext/enviro.nsf/Content/EnvironmentalGuidelines](http://www.ifc.org/ictext/enviro.nsf/Content/EnvironmentalGuidelines)

The EHS Guidelines contain the performance levels and measures that are generally considered to be achievable in new facilities by existing technology at reasonable costs. Application of the EHS Guidelines to existing facilities may involve the establishment of site-specific targets, with an appropriate timetable for achieving them. The applicability of the EHS Guidelines should be tailored to the hazards and risks established for each project on the basis of the results of an environmental assessment<sup>2</sup> in which site-specific variables, such as host country context, assimilative capacity of the environment, and other project factors, are taken into account. The applicability of specific technical recommendations should be

<sup>1</sup> Defined as the exercise of professional skill, diligence, prudence and foresight that would be reasonably expected from skilled and experienced professionals engaged in the same type of undertaking under the same or similar circumstances globally.

The circumstances that skilled and experienced professionals may find when evaluating the range of pollution prevention and control techniques available to a project may include, but are not limited to, varying levels of environmental degradation and environmental assimilative capacity as well as varying levels of financial and technical feasibility.

<sup>2</sup> For IFC, such assessment is carried out consistent with Performance Standard 1, and for the World Bank, with Operational Policy 4.01.

based on the professional opinion of qualified and experienced persons. When host country regulations differ from the levels and measures presented in the EHS Guidelines, projects are expected to achieve whichever is more stringent. If less stringent levels or measures than those provided in these EHS Guidelines are appropriate, in view of specific project circumstances, a full and detailed justification for any proposed alternatives is needed as part of the site-specific environmental assessment. This justification should demonstrate that the choice for any alternate performance levels is protective of human health and the environment.

The **General EHS Guidelines** are organized as follows:

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2.1 General Facility Design and Operation	60
2.2 Communication and Training	62
2.3 Physical Hazards	64
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2.8 Special Hazard Environments	73
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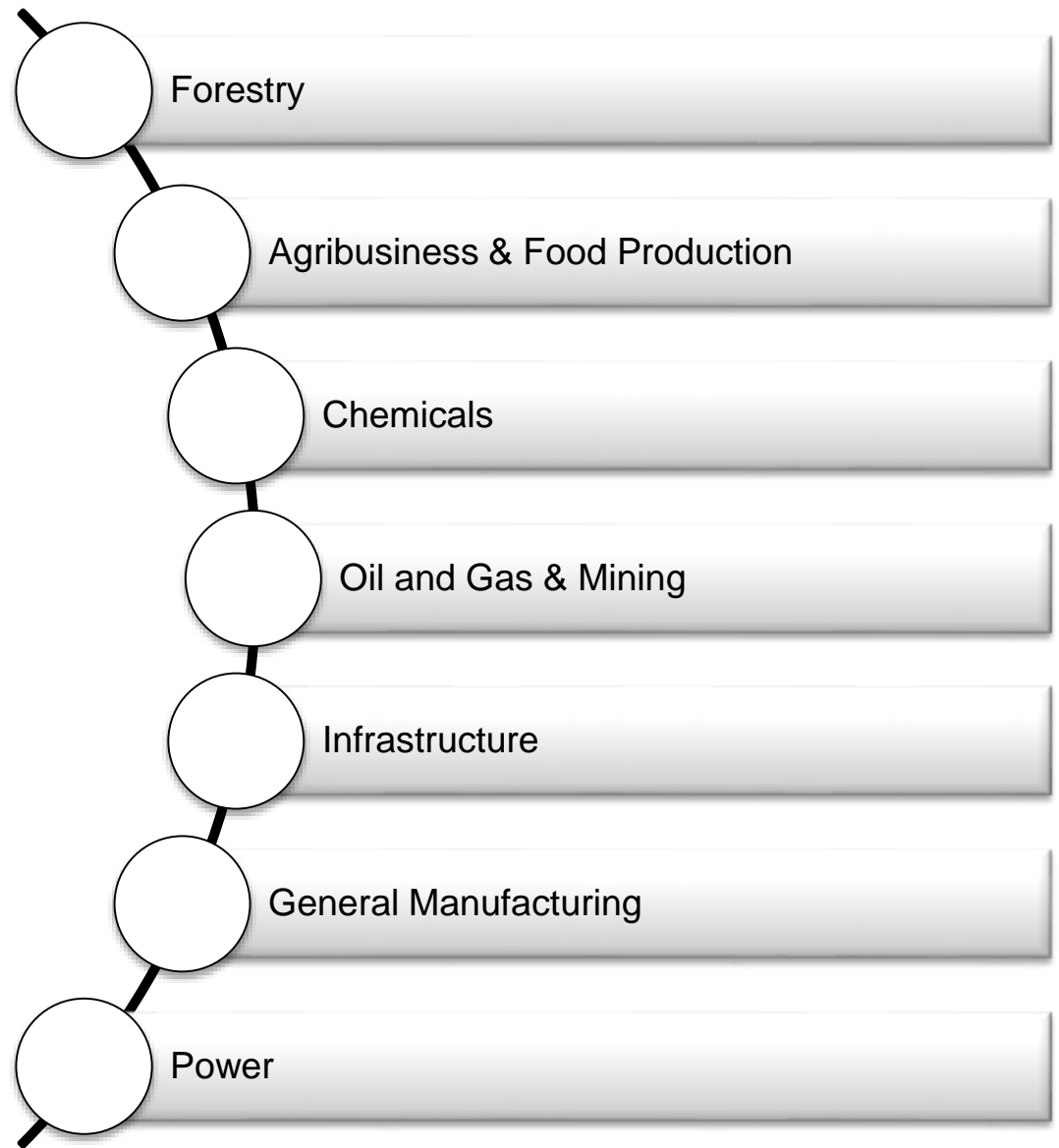
# WHAT ARE THE EHS GUIDELINES?

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Technical reference documents

Performance levels for new facilities

1 General + 62 Industry-specific EHS Guidelines



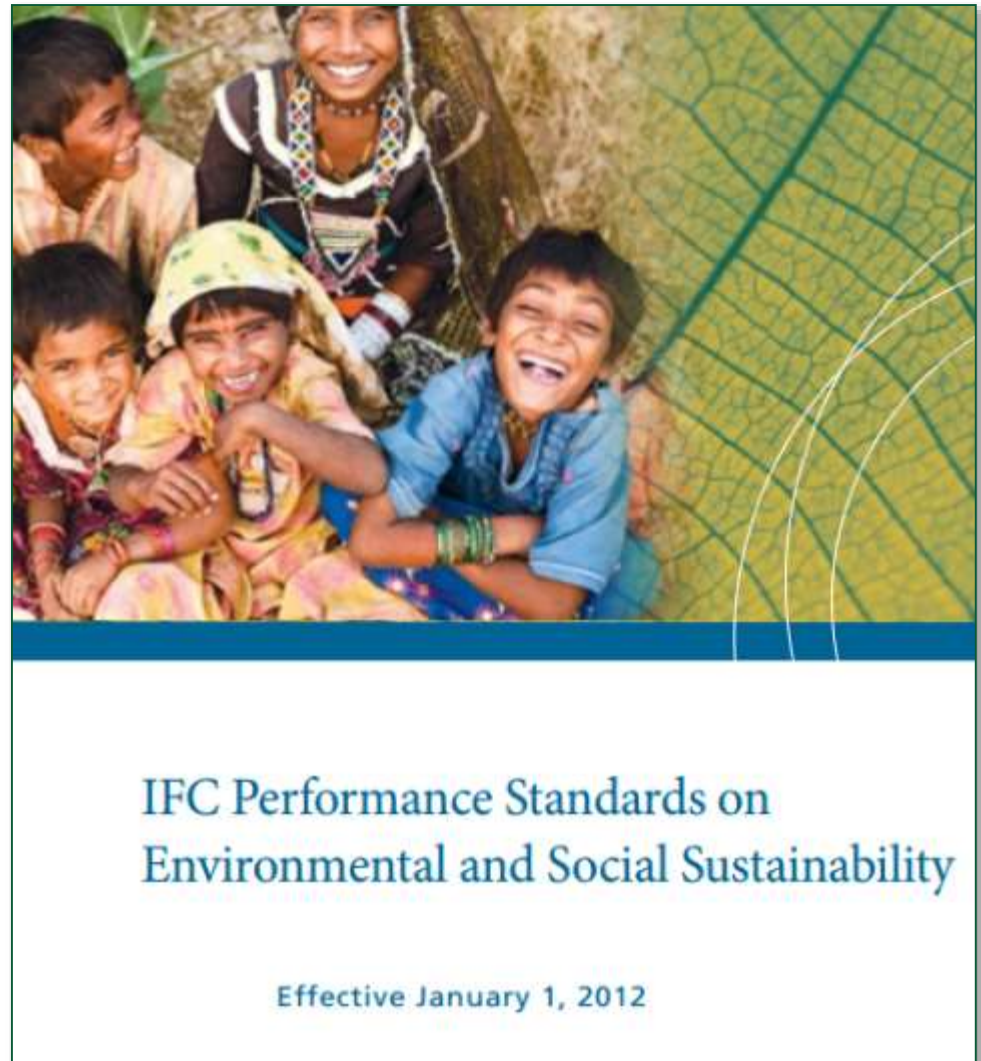
# RATIONALE FOR THE REVISION OF THE EHS GUIDELINES

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Ensure consistency with 2012  
IFC Sustainability Framework

Reflect current Good  
International Industry Practice

Improve consistency across  
EHS Guidelines



# WHO IS USING THE EHS GUIDELINES?

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Clients

Workers

Communities



**WORLD BANK GROUP**

THE WORLD BANK  
1816 · 1946

**IFC**

International  
Finance Corporation

**MIGA**

Multi-lateral Investment  
Guarantee Agency





# WORLD BANK GROUP

THE WORLD BANK IFC International Finance Corporation MIGA Multilateral Investment Guarantee Agency

80 Equator Principles Financial Institutions

34 OECD Export Credit Agencies

15 European Development Financial Institutions

And many more...

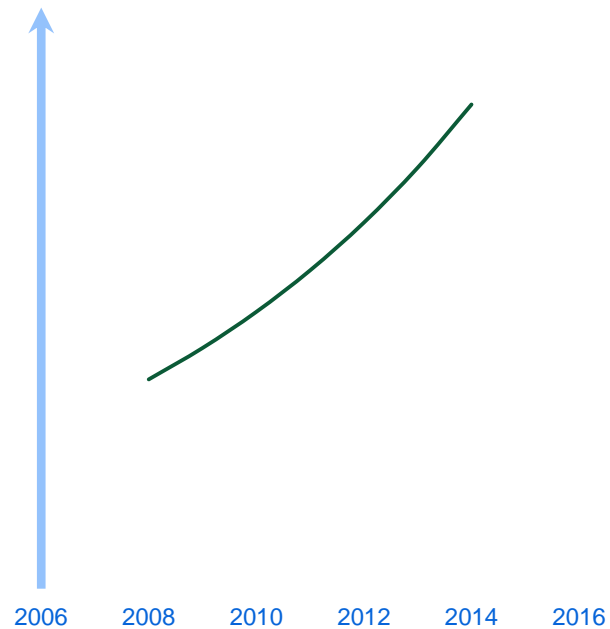


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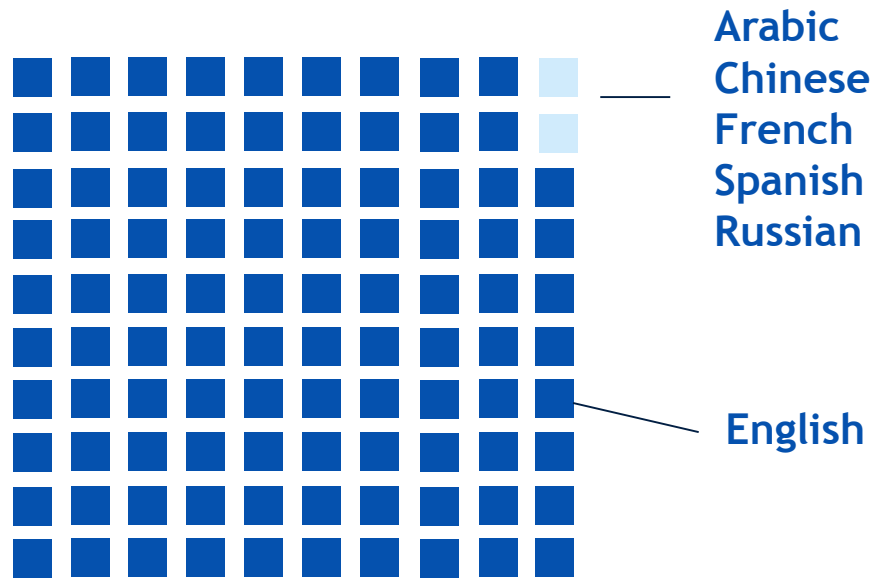


# Where are the users of the EHS Guidelines?



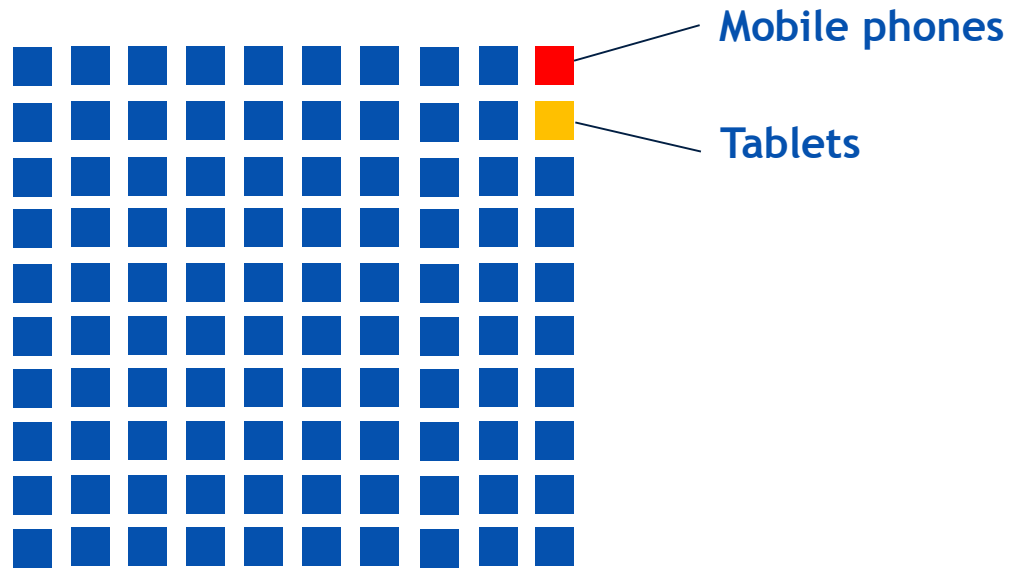
# HOW DO THEY USES THE EHS GUIDELINES?

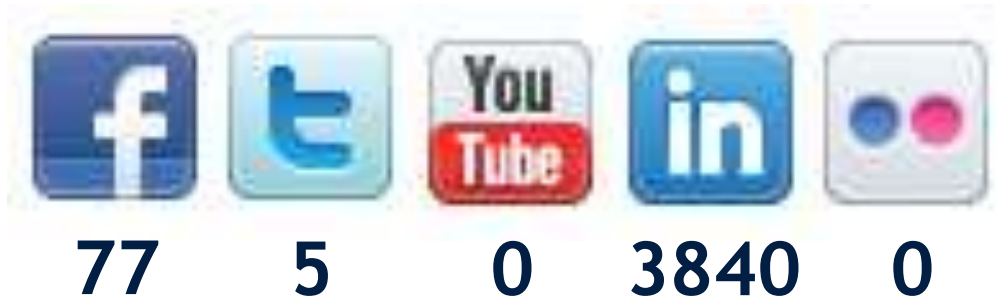
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English

Mobile users





## SOCIAL MEDIAS

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EHS Guidelines presence on the main social medias is almost non-existent

Not always conducive to technical discussions



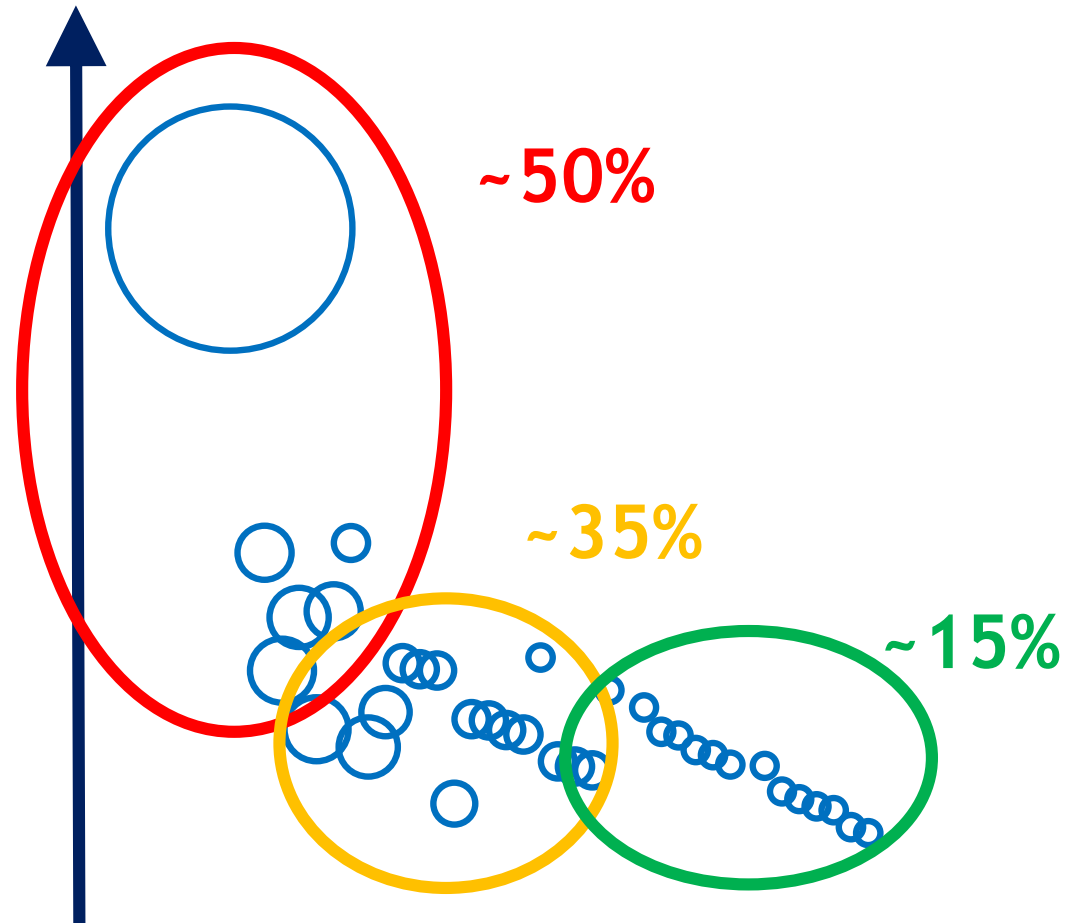
# HOW TO PRIORITIZE THE REVISION?

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Survey to identify gaps & outdated information

Number of downloads

Number of downloads



# TARGETING STAKEHOLDERS

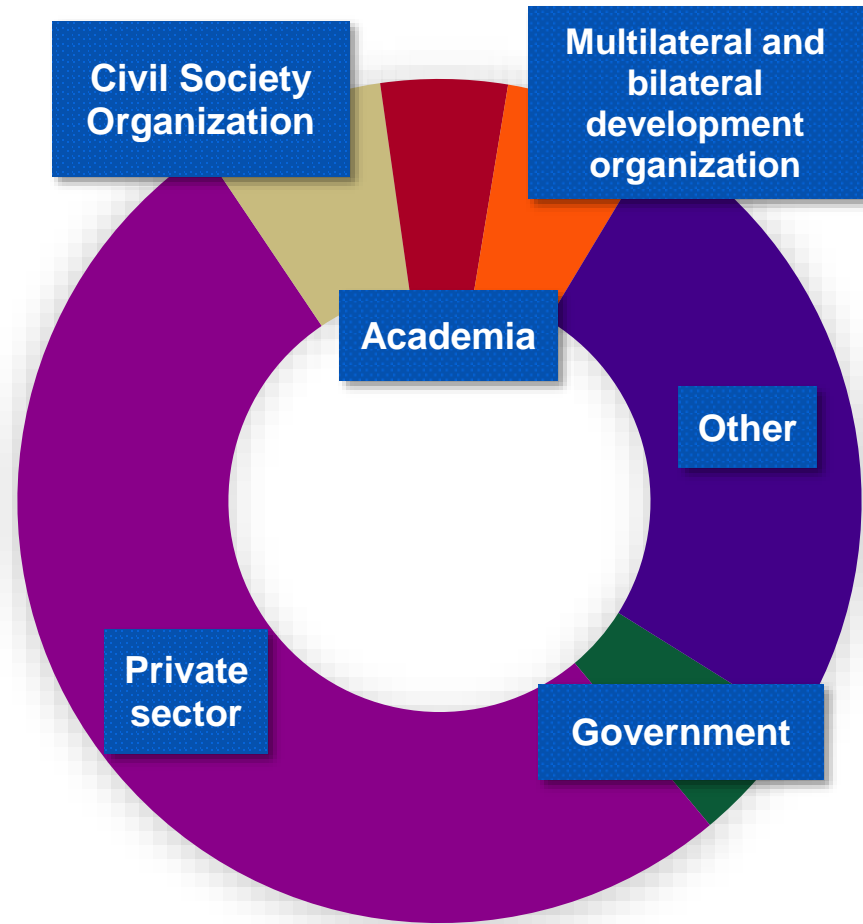
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New dedicated webpage

[www.ifc.org/ehsguidelinesrevision](http://www.ifc.org/ehsguidelinesrevision)

Sector specific stakeholders analysis

Mailing list



# HOW TO CONSULT THE EHS GUIDELINES STAKEHOLDERS?

Accessibility

Transparency

Consistency



Environmental, Health, and Safety Guidelines  
PERENNIAL PLANTATION CROP PRODUCTION

2007 VERSION VS. 2015 DRAFT REVISED VERSION



## Environmental, Health, and Safety Guidelines for Perennial Plantation Crop Production

### Introduction

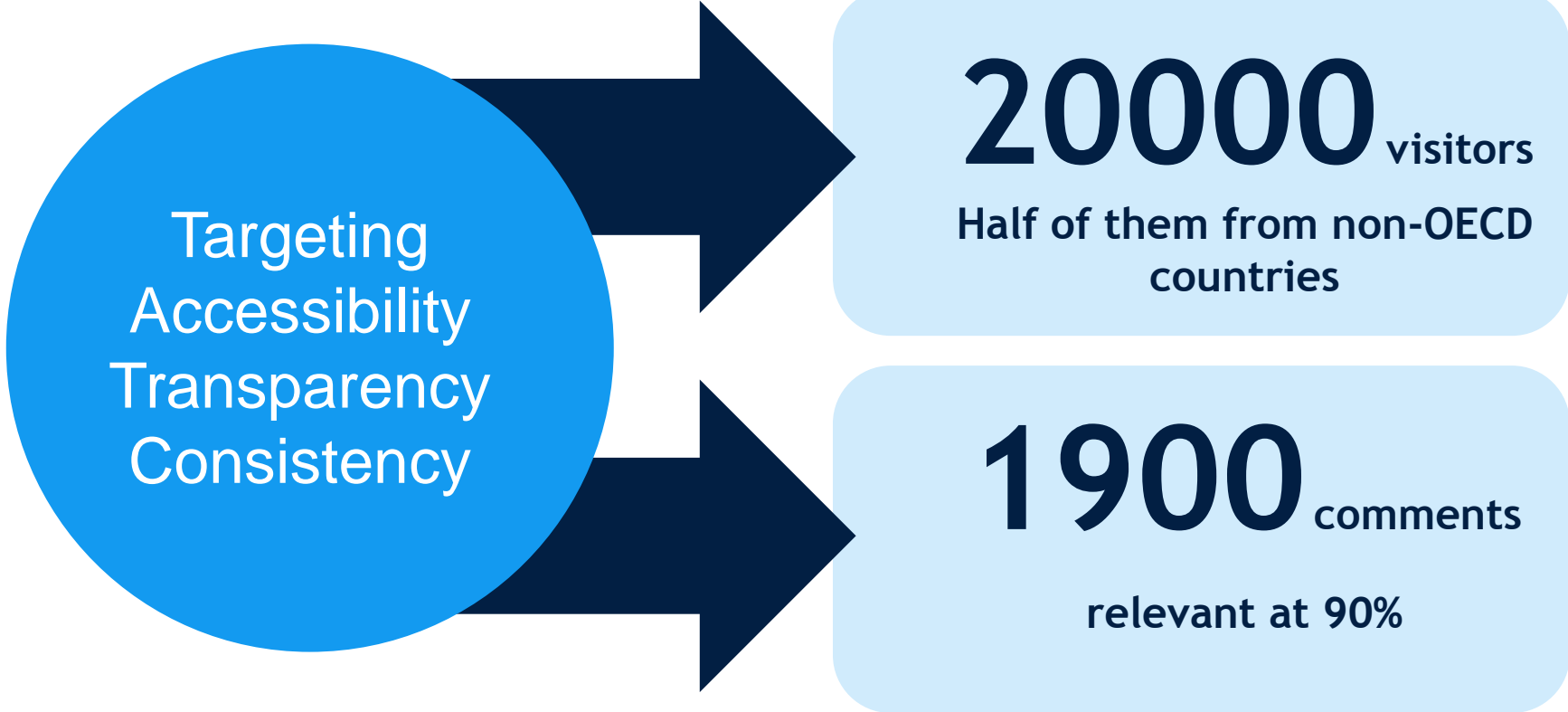
1. The Environmental, Health, and Safety (EHS) Guidelines are technical reference documents with general and industry-specific examples of Good International Industry Practice (GIIP).<sup>1</sup> When one or more members of the World Bank Group are involved in a project, these EHS Guidelines are applied as required by their respective policies and standards. These industry sector EHS Guidelines are designed to be used together with the General EHS Guidelines document, which provides guidance to users on common EHS issues potentially applicable to all industry sectors. For complex projects, use of multiple industry-sector guidelines may be necessary. A complete list of industry-sector guidelines can be found at: [www.ifc.org/ifcext/enviro.nsf/Content/EnvironmentalGuidelines](http://www.ifc.org/ifcext/enviro.nsf/Content/EnvironmentalGuidelines) [www.ifc.org/ehsguidelines](http://www.ifc.org/ehsguidelines).

2. The EHS Guidelines contain the performance levels and measures that are generally considered to be achievable in new ~~facilities~~farms and forests by existing technology at reasonable costs. Application of the EHS Guidelines to existing ~~facilities~~farming and forestry systems may involve the establishment of site-specific targets, with an appropriate timetable for achieving them.

3. The applicability of the EHS Guidelines should be tailored to the hazards and risks established for each project on the basis of the results of an environmental assessment in which site-specific variables,

Track Changes References:	
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Deletions:	<del>Strikethrough</del>
Moved from:	<del>Double-Strikethrough</del>
Moved to:	<u>Double underline</u>

# SUCCESSFUL STAKEHOLDER CONSULTATIONS



# THE REVISED EHS GUIDELINES ARE HERE



Environmental, Health, and Safety Guidelines  
VEGETABLE OIL PROCESSING



WORLD BANK GROUP

## Environmental, Health, and Safety Guidelines for Vegetable Oil Processing

### Introduction

The Environmental, Health, and Safety (EHS) Guidelines are technical reference documents with general and industry-specific examples of Good International Industry Practice (GIIP).<sup>1</sup> When one or more members of the World Bank Group are involved in a project, these EHS Guidelines are applied as required by their respective policies and standards. These industry sector EHS guidelines are designed to be used together with the General EHS Guidelines document, which provides guidance to users on common EHS issues potentially applicable to all industry sectors. For complex projects, use of multiple industry-sector guidelines may be necessary. A complete list of industry-sector guidelines can be found at: [www.ifc.org/ifcext/enviro.nst/Content/EnvironmentalGuidelines](http://www.ifc.org/ifcext/enviro.nst/Content/EnvironmentalGuidelines)

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environment, and other project factors, are taken into account. The applicability of specific technical recommendations should be based on the professional opinion of qualified and experienced persons. When host country regulations differ from the levels and measures presented in the EHS Guidelines, projects are expected to achieve whichever is more stringent. If less stringent levels or measures than those provided in these EHS Guidelines are appropriate, in view of specific project circumstances, a full and detailed justification for any proposed alternatives is needed as part of the site-specific environmental assessment. This justification should demonstrate that the choice for any alternate performance levels is protective of human health and the environment.

### Applicability

The EHS Guidelines for Vegetable Oil Processing are applicable to facilities that extract and process oils and fats from vegetable sources. It covers crude oil production and refining processes, from the preparation of raw materials to the bottling and packaging of final products for human or animal consumption, among other uses. Annex A contains a full description of industry activities for this sector. The production of oilseeds, beans, and palm oil fresh fruit bunches at the plantations is covered by the EHS Guidelines for Annual Crop Production and the EHS Guidelines for Plantation Crop Production. This document is organized according to the following sections:

Section 1.0 — Industry-Specific Impacts and Management  
Section 2.0 — Performance Indicators and Monitoring  
Section 3.0 — References  
Annex A — General Description of Industry Activities



WORLD BANK GROUP  
THE WORLD BANK IFC MIGA

ENVIRONMENTAL, HEALTH, AND SAFETY GUIDELINES  
VEGETABLE OIL PRODUCTION AND PROCESSING

February 12, 2015

## ENVIRONMENTAL, HEALTH, AND SAFETY GUIDELINES FOR VEGETABLE OIL PRODUCTION AND PROCESSING

### INTRODUCTION

1. The Environmental, Health, and Safety (EHS) Guidelines are technical reference documents with general and industry-specific examples of Good International Industry Practice (GIIP).<sup>1</sup> When one or more members of the World Bank Group are involved in a project, these EHS Guidelines are applied as required by their respective policies and standards. These industry sector EHS Guidelines are designed to be used together with the General EHS Guidelines document, which provides guidance to users on common EHS issues potentially applicable to all industry sectors. For complex projects, use of multiple industry-sector guidelines may be necessary. A complete list of industry-sector guidelines can be found at [www.ifc.org/ehsguidelines](http://www.ifc.org/ehsguidelines).
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### APPLICABILITY

5. The EHS Guidelines for Vegetable Oil Production and Processing are applicable to facilities that extract and process oils and fats from a variety of seeds, grains, and nuts; these include canola, castor, cottonseed, mustard, olive, palm, palm-kernel, peanut (groundnut), rapeseed, safflower, sesame, soybean, and sunflower. Additionally covered are crude oil production and refining processes, from the preparation of raw materials to the bottling and packaging of final products for human or animal

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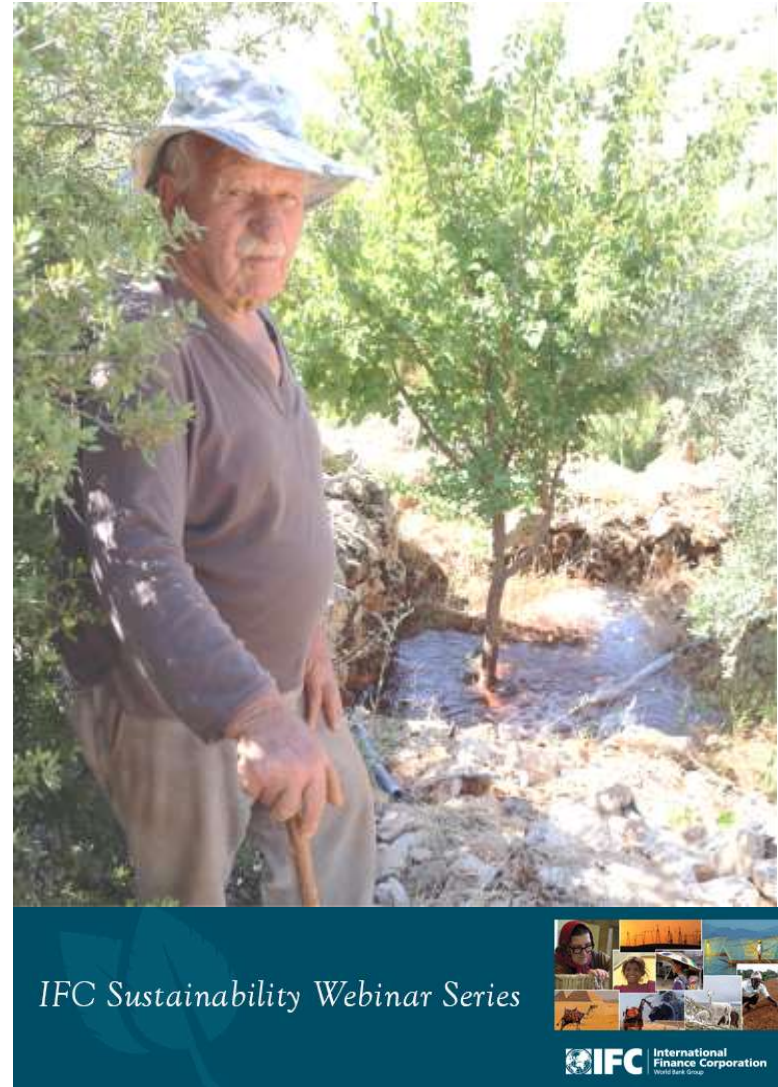
# HOW TO FACILITATE THE USE OF THE EHS GUIDELINES?

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Expand the number of electronic formats available

Prioritize translation

Webinar



## ICT

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To better understand the EHS Guidelines stakeholders and their needs

To improve the usability

To be more cost effective



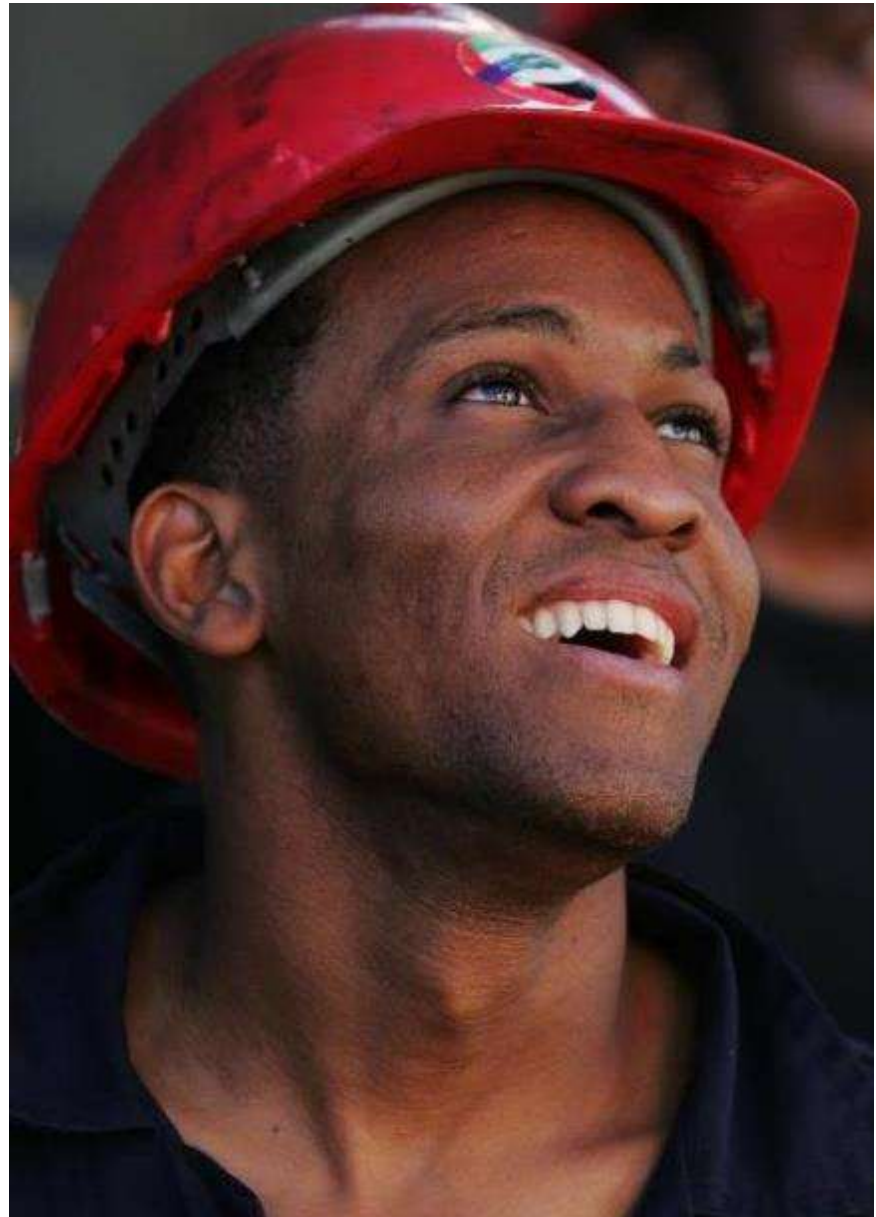
## WHAT IS NEXT?

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Online tools

Training & Capacity building

Strengthening long-term  
relationships with partners



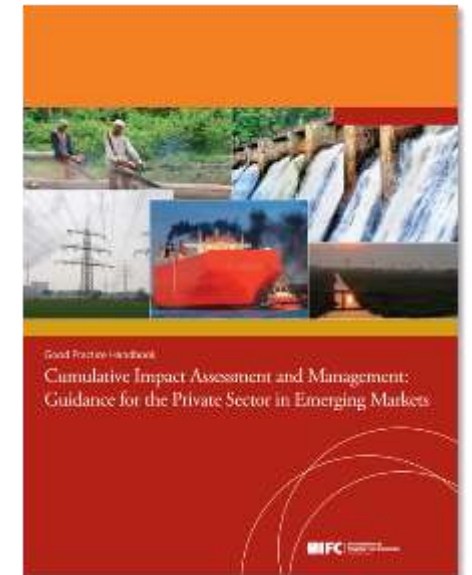
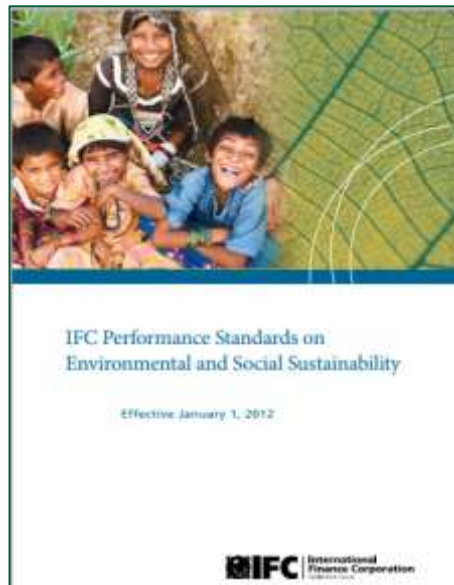
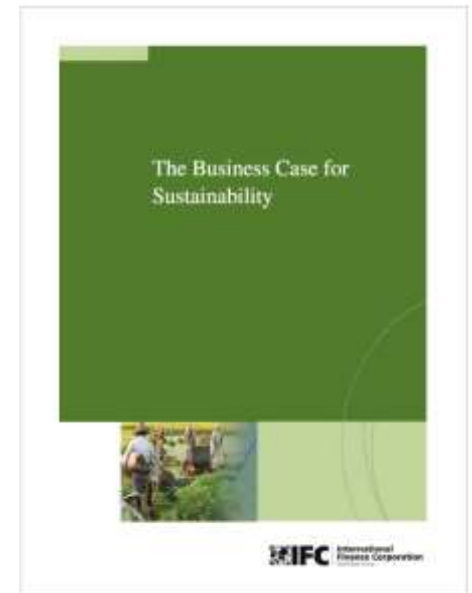
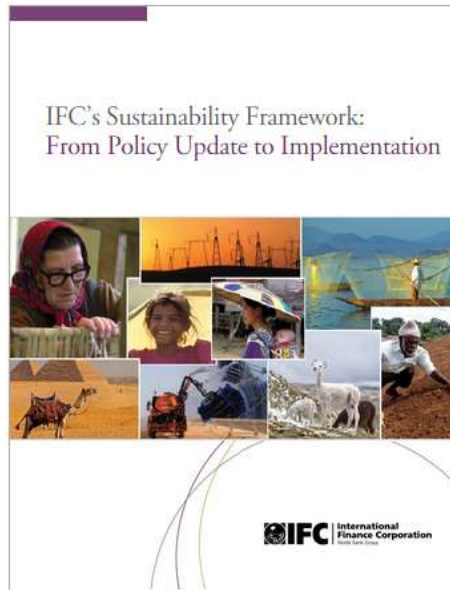
# HELP US IMPROVE THE EHS GUIDELINES

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Fill the online survey:

[www.ifc.org/EHSGuidelines](http://www.ifc.org/EHSGuidelines)

And win a prize!



A world map with a light blue background. Numerous small, dark blue triangles are scattered across the map, primarily concentrated in the Americas, Europe, Africa, and Asia. The text 'www.ifc.org/EHSGuidelines' is overlaid in the center in a bold, black, sans-serif font.

[www.ifc.org/EHSGuidelines](http://www.ifc.org/EHSGuidelines)