

برنامج الأمم المتحدة للبيئة  
مشروع تنمية القدرات لآلية التنمية النظيفة

**CDM**

# دليلك إلى آلية التنمية النظيفة

الطبعة الثانية



# كتاب معلومات وإرشادات آلية التنمية النظيفة

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UNEP RIS➤ Centre

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. [www.cd4cdm.org](http://www.cd4cdm.org)

..... Abbreviations

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| ..... Bundling & Debundling        | , , |
| ..... Sink Projects                | , , |
| ..... National Approval            | ,   |
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## Abbreviations مختصرات

|                 |                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| AAU             | Assigned Amount Unit (unit for emissions trading)<br>( )                                                                   |
| AE              | Applicant Entity (an entity applying to be a DOE)<br>( )                                                                   |
| AIJ             | Activities Implemented Jointly                                                                                             |
| Annex B         | The 39 developed countries in Annex B of the Kyoto Protocol that have GHG reduction commitments.<br>39                     |
| Annex I         | The 36 developed countries in Annex I of the UNFCCC that had non-binding GHG reduction commitments to 1990 levels by 2000. |
| AP              | Accreditation Panel (a panel under the EB)<br>( )                                                                          |
| AT              | Assessment Team (made by the CDM Assessment Panel under the EB to evaluate each AE)<br>( )                                 |
| CDCF            | Community Development Carbon Fund (a WB activity)<br>( )                                                                   |
| CDM             | Clean Development Mechanism                                                                                                |
| CER             | Certified Emission Reduction (unit for the CDM)<br>( )                                                                     |
| CERUPT          | Certified Emission Reduction Unit Purchasing Procurement Tender<br>( )                                                     |
| CO <sub>2</sub> | Carbon Dioxide                                                                                                             |

|         |                                                                                                                                               |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| COP     | Conference of the Parties                                                                                                                     |
| COP/MOP | Conference of the Parties and Meetings serving as the meeting of the Parties to the Kyoto Protocol when the Kyoto Protocol enters into force. |
| DOE     | Designated Operational Entity: an accredited organization that validates and certifies CDM projects.<br>( ) :                                 |
| DNA     | Designated National Authority                                                                                                                 |
| EB      | Executive Board: the highest authority for the CDM under the COP/MOP.<br>: /                                                                  |
| EIA     | Environmental Impact Assessment                                                                                                               |
| EIT     | Economies in Transition (former Soviet Union, central and eastern European countries)<br>( )                                                  |
| ERU     | Emission Reduction Unit (unit for JI)<br>( )                                                                                                  |
| EU ETS  | European Union Emissions Trading Scheme                                                                                                       |
| FDI     | Foreign Direct Investment                                                                                                                     |
| GDP     | Gross Domestic Product                                                                                                                        |
| GHG     | Greenhouse gas                                                                                                                                |
| GWh     | Gigawatt hour (million kWh)<br>( )                                                                                                            |



|                      |                                                     |
|----------------------|-----------------------------------------------------|
| GWP                  | Global Warming Potential                            |
| HFC                  | Hydrofluorocarbon                                   |
| IEA                  | International Energy Agency                         |
| IPCC                 | Intergovernmental Panel on Climate Change           |
| IRR                  | Internal Rate of Return                             |
| JI                   | Joint Implementation                                |
| kt                   | kilo tonnes (1000 tonnes)                           |
| kWh                  | kilowatt hour                                       |
| LULUCF               | Land Use, Land Use Change and Forestry              |
| Mt                   | Million tonnes                                      |
| MW                   | Megawatt                                            |
| MMTC                 | Million metric tonnes of carbon                     |
| MMTCO <sub>2</sub> e | Million metric tonnes of CO <sub>2</sub> equivalent |
| NGO                  | Non-governmental Organization                       |
| NO <sub>x</sub>      | Nitrogen Oxides                                     |
| O & M                | Operation and Maintenance                           |
| ODA                  | Official Development Assistance                     |

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| OECD            | Organisation for Economic Co-operation and Development      |
| PCF             | Prototype Carbon Fund (a WB activity)<br>( )                |
| PFC             | Perfluorocarbon<br>( )                                      |
| PDD             | Project Design Document                                     |
| PV              | Photovoltaic                                                |
| SD              | Sustainable Development                                     |
| SF <sub>6</sub> | Sulphur Hexafluoride<br>( )                                 |
| SHS             | Solar Home System                                           |
| SO <sub>2</sub> | Sulphur Dioxide                                             |
| TJ              | Tera Joule (10 <sup>12</sup> joule)<br>( 10 <sup>12</sup> ) |
| UNDP            | United Nations Development Programme<br>( )                 |
| UNEP            | United Nations Environment Programme<br>( )                 |
| UNFCCC          | United Nations Framework Convention on Climate Change       |
| WHO             | World Health Organization                                   |
| WMO             | World Meteorological Organization                           |

1997

modalities & procedures

CDM project cycle

. Project Design Document (PDD)

" : UNEP ( )  
Capacity Development for the Clean Development Mechanism (CD4CDM)

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UNFCCC

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[www.cd4cdm.org](http://www.cd4cdm.org)

Non-Annex I Parties

(Certified Emission Reductions (CERs

project developers

CERs

2004

sink projects

## 1.2 خلفية

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## 2.2 بروتوكول كيوتو وآلية التنمية النظيفة

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Conference of the Parties (COP)

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International Emissions Trading •

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- Joint Implementation (JI) ( )
- Clean Development Mechanism (CDM)

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## 4.2 القيمة الوطنية والمنافع

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### 1.3 تقييم تأثيرات التنمية المستدامة - المعايير والمؤشرات

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## Project Design Document (PDD)

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. <http://www.cd4cdm.org/publications.htm>

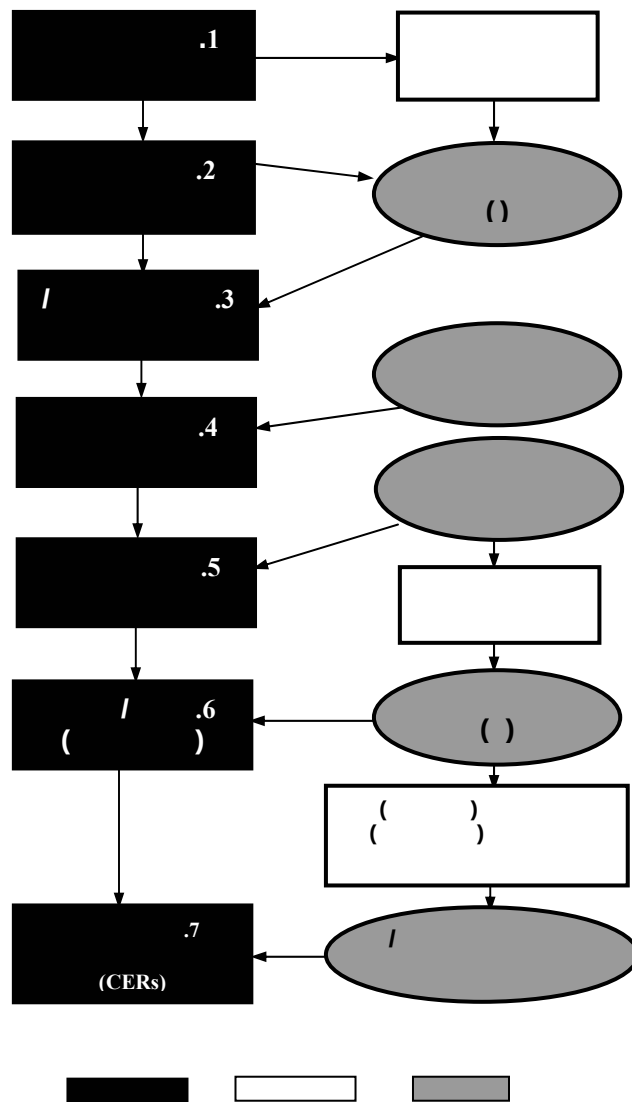
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<http://cdm.unfccc.int/Reference/Documents> .9

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<http://cdm.unfccc.int/methodologies> .13  
<http://cdm.unfccc.int/EB/Meetings/010/eb10repan1.pdf> .14

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### Bundling & Debundling

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## Sink Projects

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Good Practice Guidance for LULUCF in the preparation of national greenhouse " gas inventories under the Convention

## 2.4 الاعتماد الوطني National Approval

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"Establishing National Authorities for the CDM - A Guide for Developing Countries " \*

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### 3.4 المصادقة الرسمية/التسجيل Validation/Registration

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(Applicant Entities (AEs  
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- CDM Assessment Team (CDM-AT)

CDM Assessment Panel (CDM-AP)

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<http://cdm.unfccc.int/DOE/CallForInputs> .16

<http://cdm.unfccc.int/DOE/AEnew/Meth> .17

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#### 4.4 تمويل المشروع

CERs

public funding

Official Development Assistant (ODA)

( [17/CP.7] )

<http://cdm.unfccc.int/EB/Meetings/006/eb06rep.pdf> .19

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## 5.4 الرصد والمراقبة Monitoring

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#### 6.4 التحقق / الإشهاد Verification/Certification

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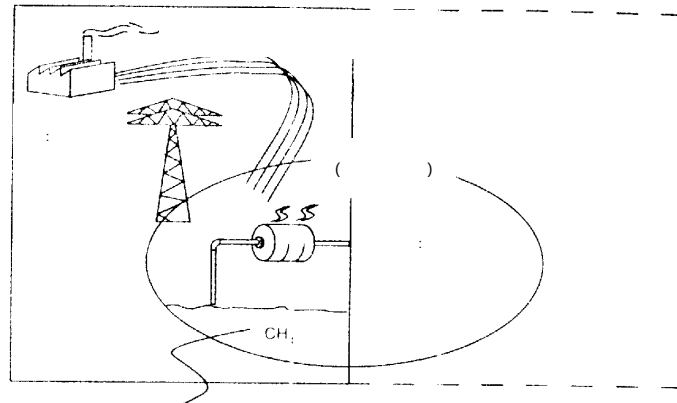
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| 140   | C <sub>2</sub> H <sub>4</sub> F <sub>2</sub>  | 152 -   |
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| 6300  | C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>  | 236 -   |
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## 7.5 التأثيرات البيئية

(Environmental Impact Assessment (EIA

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## 8.5 تعليقات وملاحظات الأطراف المعنية

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CDM Watch "

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<http://www.cdmwatch.org/> .27



9.5 ملحق 1 : معلومات الاتصال بالشركاء فى أنشطة المشروع

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10.5 ملحق 2 : معلومات بشأن رأس المال العام

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11.5 ملحق 3 : منهجية جديدة للأساس القاعدى

ملحق 4 : منهجية جديدة للرصد والمراقبة

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12.5 ملحق 5 : بيانات الأساس القاعدى

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| ( CERs)<br>( ERUs) | ( ) |                                     |
|                    | ( ) | Trading                             |
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Michaelowa, A., Stronzik, M., Eckerman F., and Hunt, Alistair, 2003... :

| (PCF)<br>( )                                                  | 2002 (Ecosecurities)<br>( ) |       |   |
|---------------------------------------------------------------|-----------------------------|-------|---|
| 40,000                                                        |                             |       | — |
| 20,000                                                        | 15,000-12,000               |       |   |
| 20,000                                                        | 10,000-5,000                |       |   |
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|                                                               | -                           |       |   |
| 30,000                                                        | 20,000-10,000               |       |   |
| 105,000                                                       |                             | ( )   |   |
| 50,000                                                        | 25,000-15,000               |       |   |
|                                                               | %15-%5<br>(CER)             | ( )   |   |
|                                                               | %2<br>(CER)                 | * ( ) |   |
|                                                               | %3 - %1<br>(CER)            |       |   |
| 25,000<br>( )<br>25,000-10,000<br>( )<br>20,000-10,000<br>( ) | 50,000<br>(Audit)           | ( )   |   |
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| 2.6 | 9.7  | 7.1  |     |     |
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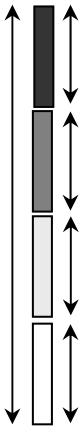
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| 12+              | 3+               | 80             | *13 -    |  |
| 16+              | 7+               | 152            | * 7.5-   |  |
| 42-              | 51-              | 78             | 8-       |  |
| 19+              | 20+              | 726            | 6-       |  |
| -                | 30-              | (1995) 22      | 5-       |  |
| 32-              | 23-              | 148            | 8-       |  |
| 15+              | 1-               | 69             | *21-     |  |
| 69-              | 55-              | 20             | 8-       |  |
| 17+              | 4-               | 74             | *0       |  |
| 6+               | 2-               | 550            | *0       |  |
| 32-              | 19-              | 991            | *21-     |  |
| 36+              | 24+              | 130            | *25+     |  |
|                  | 17-              | 84             | 6-       |  |
| 2-               | 7+               | 3              | 10+      |  |
| 28+              | 25+              | 67             | *13      |  |
| 11+              | 5+               | 547            | *6.5-    |  |
| 7+               | 11+              | 1386           | 6-       |  |
|                  | 64-              | 11             | 8-       |  |
| 2+               | 0                | (1999) 0.218   | 8-       |  |
|                  | 54-              | (1998) 24      | 8-       |  |
|                  | 56-              | 5,971          | *28-     |  |
|                  | 33+              | 133            | 8-       |  |
| 19+              | 3+               | 216,916        | *6-      |  |
| 38+              | 5+               | 76,956         | 0        |  |
| 22+              | 6+               | 55,263         | 1+       |  |
|                  | 32-              | 386,187        | 6-       |  |
| 54+              | 30+              | 84,700         | *27      |  |
| 28-              | 38-              | (1994) 164,026 | 8-       |  |
| 20-              | 35-              | 1,965,346      | 0        |  |
| 27-              | 33-              | 49,165         | 8-       |  |
| 48+              | 35+              | 385,987        | *15      |  |
| 1+               | 2-               | 69,356         | *4       |  |
| 7.2-             | 1-               | 52,743         | 8-       |  |
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| 62                           | 3-             | 213                          | 10             |                   |
| 136                          | 0              | 224                          | 15             |                   |
| 7-                           |                | 44                           |                |                   |
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| 2064                         |                | 1177                         |                |                   |
| 719                          | 0              | 389                          | 20             |                   |
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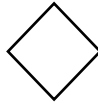
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Upstream Emissions

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Allowed Emissions

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Social Dimensions

Marrakesh Accords

Emission Reduction Purchase Agreements

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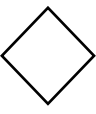
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| Baseline                                                          | (      )        |
| Structural Seniority                                              |                 |
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| Foreign Direct Investment (FDI)                                   |                 |
| Land Use, Land Use Change and Forestry<br>(LULUCF)                | (      =      ) |
| End-use                                                           |                 |
| Carbon Sequestration                                              |                 |
| Call and Put Options                                              |                 |
| Energy Affordability                                              | (      )        |
| Standardized Baselines                                            | (      )        |
| CER Prices                                                        |                 |
| Derivative Markets                                                | (      )        |
| Carbon Markets                                                    |                 |
| Genetically Modified Trees                                        |                 |
| Issuance of CERs                                                  |                 |
| Framework                                                         | /               |
| Legal Framework                                                   |                 |
| Parties                                                           |                 |
| Annex I Parties                                                   |                 |
| Reforestation                                                     | (      )        |
| Emission Credits                                                  |                 |
| Minimal                                                           | (      )        |
| Third National Communications                                     |                 |
| United Nations Framework Convention on<br>Climate Change (UNFCCC) |                 |
| Certification                                                     | (      )        |
| Stakeholders                                                      |                 |

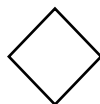
Collars  
 National Approval  
 Over-collateralization  
 Economies in Transition (EIT)  
 Duration of the Project Activities ( )  
 Supply of CERs  
 World Bank (WB)  
 International Bank for Reconstruction and  
 Development (IBRD)  
 International Emissions Trading  
 Technological Innovation ( )  
 Afforestation ( )  
 Afforestation and Reforestation  
 Bundling and Debundling  
 Verification  
 Quality Control ( )  
 Switching Fossil Fuels  
 Carbon Cash Flow  
 Commitments  
 Binding Commitments  
 Registration  
 Operation and Maintenance  
 Hedging  
 Capital Costs  
 Costs and Benefits ( )  
 Public Funding  
 Joint Implementation (JI) ( )  
 Forestry ( )  
 Governance ( )  
 Certified Emission Reduction (CER)  
 CDM Guidelines  
 Linking Directive  
 Developing Countries

|                                                    |     |
|----------------------------------------------------|-----|
| Small Island Developing States                     |     |
| Enforcement                                        |     |
| National Registry                                  |     |
| Reference Price                                    | ( ) |
| Designated National Authority (DNA)                |     |
| Prototype Carbon Fund (PCF)                        | ( ) |
| Demand of CERs                                     |     |
| CDM Assessment Team (CDM-AT)                       |     |
| Market Intelligence                                | /   |
| Debt Carrying Capacity                             |     |
| Radiative Forcing                                  | ( ) |
| World Commission on Environment<br>and Development |     |
| World Commission on Dams                           |     |
| Appropriateness                                    | ( ) |
| Fungibility                                        | ( ) |
| Forward Carbon Sales                               | ( ) |
| CER Trading                                        |     |
| Executive Board (EB)                               | ( ) |
| EB/Registry                                        | /   |
| National Greenhouse Gas Inventories                |     |
| Project Funds                                      |     |
| Annex I                                            |     |
| Annex A                                            |     |
| Annex B                                            |     |
| Sustainability                                     |     |
| Social Sustainability                              |     |
| Current Buyers                                     |     |
| Validation                                         | ( ) |
| Validation / Registration                          | /   |
| Gold Standard                                      |     |
| World Meteorological Organization (WMO)            |     |

Exact Location ( )  
 Gross National Product (GNP)  
 Gross Domestic Product (GDP)  
 Subsidiary Bodies  
 Intergovernmental Panel on Climate Change (IPCC)  
 International Energy Agency (IEA)  
 Cooperative Mechanisms  
 Clean Development Mechanism (CDM)  
 Small-scale CDM  
 Measurement Standard of Indicator ( )  
 Standards ( )  
 Capabilities ( )  
 Mineral Production  
 Project Activities  
 Activities Implemented Jointly (AIJ) ( )  
 Enforcing Agreements ( )  
 Disbursement  
 Fossil Fuels  
 Senior Interest ( )  
 Policy Priorities ( )  
 National Priorities  
 Carbon Revenues  
 Ecosecuritys ( )  
  
 Parameters ( )  
 United Nations Development Program (UNDP) ( . . . )  
 United Nations Environment Program (UNEP) ( )  
 Kyoto Protocol (KP)



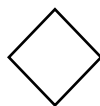
|                                |   |   |
|--------------------------------|---|---|
| Emission Commodities           | ( | ) |
| ex post                        | ( | ) |
| in terms of                    | ( | ) |
| European Investment Bank (EIB) |   |   |
| Local Environments             | ( | ) |
| Perfluorocarbon (PFC)          | ( | ) |



|                                       |   |     |
|---------------------------------------|---|-----|
| Greenhouse Effect                     |   |     |
| Impacts                               |   |     |
| Environmental Impacts                 |   |     |
| Quality Assurance                     |   |     |
| Energy Security                       |   |     |
| Securing Project Fund                 |   |     |
| Emissions Trading (ET)                |   |     |
| Poverty Alleviation                   |   |     |
| Risk Mitigation                       |   |     |
| Project Boundary                      | ( | )   |
| District Heating                      |   |     |
| Accumulation                          |   | /   |
| Leakage                               |   |     |
| Synergy                               |   |     |
| Synergies                             |   |     |
| Feedbacks                             | ( | : ) |
| Biomass Gasification                  | ( | )   |
| Climate Change                        |   | /   |
| Negotiation                           |   | /   |
| Operational Details                   | ( | )   |
| Decomposable                          | ( | )   |
| Assessing                             |   |     |
| Environmental Impact Assessment (EIA) |   |     |
| Project Evaluation                    |   |     |

|                                      |   |   |   |
|--------------------------------------|---|---|---|
| Credible and Independent Assessments | ( | ) |   |
| Trading Costs                        | ( | ) |   |
| Implementation Costs                 |   | ) |   |
|                                      |   | ( |   |
| Brokerage Costs                      |   |   |   |
| Transaction Costs                    |   |   |   |
| Costs of Adaptation                  |   |   |   |
| Pre-operational Costs                | ( | ) |   |
|                                      |   | ( | ) |
| Quantification                       |   | ( | ) |
| Corporate Financing                  | ( | ) |   |
| Project Financing                    | ( | ) |   |
| Upfront Financing                    |   | ( | ) |
| Financing CDM Projects               |   |   |   |
| Price Premiums                       |   |   |   |
| Regulation                           |   |   |   |
| Market Development                   |   |   |   |
| Sectoral Development                 |   |   |   |
| Sustainable Development              |   |   |   |
| Biodiversity                         |   |   |   |
| Documentation                        |   |   |   |
| CER Generation                       |   |   |   |
| Income Generation                    |   |   |   |
|                                      |   |   |   |
|                                      |   |   |   |
| Sulphur Dioxide (SO <sub>2</sub> )   |   |   |   |
| Carbon Dioxide (CO <sub>2</sub> )    |   |   |   |
|                                      |   |   |   |
|                                      |   |   |   |
| Supply-side                          |   |   |   |
| Demand-side                          |   |   |   |

Part of the Package  
Quality of Life



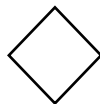
Build Margin  
Approximate Operating Margin  
Forest  
Package  
Periodic Calculation  
Share of Proceeds  
Right of Access  
Land Tenure  
Property Rights  
Resolution of Disputes  
Project Viability

( )

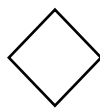
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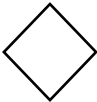
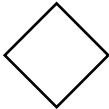
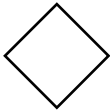
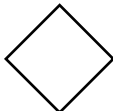


Energy Services  
Monitoring Plan  
Project Evaluation Steps  
Certified Emission Reductions (CERs)

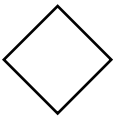


Creditors  
Upfront Payments  
Guidelines  
Layperson's Guide  
Project Cycle  
Annex I Countries  
Non-Annex I Countries  
International

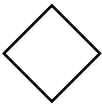
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|                                                                 |                                                                                    |     |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----|
| Public Funding                                                  |   |     |
| Equity                                                          |                                                                                    | ( ) |
| Improved Project Profitability                                  |                                                                                    |     |
| Monitoring                                                      |                                                                                    |     |
| Debt Leverage of Project                                        |                                                                                    |     |
|                                                                 |   |     |
| Allowance Market                                                |                                                                                    |     |
| Project-based Market                                            |                                                                                    |     |
| Political                                                       |                                                                                    | ( ) |
|                                                                 |   |     |
| mini-grid                                                       |                                                                                    |     |
| Climate Investment Partnership                                  |                                                                                    |     |
| Information Sharing                                             |                                                                                    |     |
| Project Participants                                            |                                                                                    |     |
|                                                                 |  |     |
| Project Eligibility                                             |                                                                                    | ( ) |
| Mining                                                          |                                                                                    | ( ) |
| The Bio-Carbon Fund                                             |                                                                                    |     |
| The Community Development Carbon Fund                           |                                                                                    | ( ) |
| Dexia-FondElec Energy Efficiency and<br>Emission Reduction Fund |                                                                                    | —   |
| FondElec Latin American Clean Energy<br>Services Fund           |                                                                                    |     |

Guarantees  
Collateral for Loans

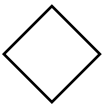


Renewable Energy  
Modalities & Procedures (M&P)  
Host Party  
Operational Phase  
Pre-operational Phase  
Voluntary  
Voluntarily



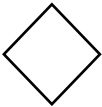
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Global  
Default Emission Factor  
Certified Emission Reduction Purchasing  
Procurement Tender (CERUPT)



( )  
( )

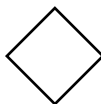
Sanctions  
Forward Contracts  
Emission Factors  
Default Factors



Landfill Gas  
Methane  
Greenhouse Gas  
Greenhouse Gases (GHGs)  
Tree Cover

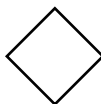
(CH<sub>4</sub>)

Project Categories  
 Project Activity Categories  
 Crediting Period  
 Premature  
 Project Screening  
 Initial Screening  
 Periodic Auditing  
 Assessment Team



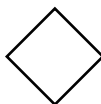
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ex ante  
 Loans or Debts  
 Litter  
 Default Value  
 Monetary Value



( )  
  
  
 ( )

Comprehensive Rulebook

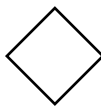


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Biomass  
 Energy Efficiency  
 Project Sponsors  
 Global Warming Potentials (GWPs)  
 Global Warming Potential  
 Quantity of CERs  
 Operational Entity A  
 Operational Entity B  
 Designated Operational Entity (DOE)  
 Applicant Entity

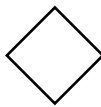
( )  
  
 ( )  
 ( )  
 ( )

Non-redundant  
Uncertainties



( )

Conference of the Parties (COP)  
Indicators  
Mutually Exclusive



( )

Swaps  
Principle of Common but Differentiated  
Responsibilities

Principle of Equity

Sale of Shares

Adaptation Levy

( )

Conservative and Transparent

Weighted Average

Carbon Pool

Portfolio of Projects

Local

Market Risks

Project Risks

Political Risks

Liability on Project Cash Flow

( )

Infringements

( )

Concept Note

Project Information Note (PIN)

Carbon Stocks

European Union Emission Trading Scheme

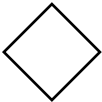
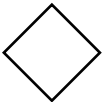
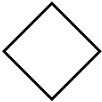
Disbursements

Transaction Assistant Facility

|                                            |         |
|--------------------------------------------|---------|
| CDM Watch                                  |         |
| Common but Differentiated Responsibilities |         |
| Forest Area                                |         |
| Official Development Assistance (ODA)      |         |
| Equality                                   | ( )     |
| Equity                                     | ( / / ) |
| Sustainable Development Goals              |         |
| Sectoral / Project Level                   | /       |
| CDM Glossary                               | ( = )   |
| Partnership                                | ( )     |
| Plantar Project                            | ( )     |
| Sink Projects                              |         |
| Conventional Projects                      | ( )     |
| Operational                                | ( )     |
| Sanction                                   | / ( )   |
| Direct Expenses                            |         |
| Additionality                              |         |
| Continued Conformance                      | ( )     |
| Project Developers                         |         |
| Default Emission Coefficient               |         |
| Gini Coefficient                           |         |
| Transactions                               |         |
| CER Transaction                            |         |
| Criteria                                   |         |
| Internal Rate of Return (IRR)              |         |
| Literacy Rates                             |         |
| Standard                                   | ( )     |
| Highly Speculative                         |         |
| Approach                                   | ( )     |
| CO <sub>2</sub> equivalent                 |         |
| Carbon-intensive                           | ( )     |





|                                         |                                                                                     |   |
|-----------------------------------------|-------------------------------------------------------------------------------------|---|
|                                         |    |   |
| Sulphur Hexafluoride (SF <sub>6</sub> ) | (                                                                                   | ) |
| Accreditation Panel                     |                                                                                     |   |
|                                         | (                                                                                   | ) |
| CDM Assessment Panel (CDM-AP)           |                                                                                     |   |
| Accredited Organization                 |                                                                                     |   |
| Hydrofluorocarbon                       |                                                                                     | ) |
|                                         |                                                                                     | ( |
| Systematic Surveillance                 | (                                                                                   | ) |
|                                         |    |   |
| Project Design Document (PDD)           |                                                                                     |   |
| Fossil-fuel Fired Generating Units      |                                                                                     |   |
| Assigned Amount Units                   | (                                                                                   | ) |
|                                         |                                                                                     | [ |
| Physical Units                          |                                                                                     | ( |
| Monetary Units                          |                                                                                     | ( |
| Base Unit                               |                                                                                     |   |
| Emission Reduction Unit                 | (II-                                                                                | ) |
| Assigned Amount Unit                    | (                                                                                   | ) |
| Baseline Setting                        | (                                                                                   | ) |
| National                                |                                                                                     | / |
| Fossil Fuel                             |                                                                                     |   |
|                                         |  |   |
| Operationalize                          |                                                                                     | . |

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## كتاب معلومات عن أدوات آلية التنمية النظيفة



يلقي هذا الكتاب نظرة إجمالية رحبة على آلية التنمية النظيفة، ودورة مشروعها، والقضايا المرتبطة كعلاقتها بغايات التنمية المستدامة، وأساليب التمويل، والقطاعات الأسوقية. وتستعرض الملاحق الأسئلة المتواترة وإجاباتها، والدلائل الإرشادية الأخرى المتاحة، والقائمة المرجحة مستقبلاً لفئات المشروعات المؤهلة للآلية النظيفة .

وقد أعد هذا الكتاب الإرشادي لآلية التنمية النظيفة ليدعم مشروع برنامج الأمم المتحدة للبيئة UNEP : " تنمية القدرات لآلية التنمية النظيفة " المنفذ بواسطة مركز يونيب ريزو UNEP RISOE المعنى بالطاقة والمناخ والتنمية المستدامة في الدانمارك . والهدف الشامل للمشروع هو تنمية القدرات المؤسسية والمهارات الإنسانية اللازمة لتشغيل آلية التنمية النظيفة بالدول النامية.

والمشروع ممول بواسطة وزارة الشؤون الخارجية بنوالة هولندا .

RISØ