List of ILO publications on green jobs (English)

ILO ROAP, March 2013


Summarizes the why, what and how of the ILO's global programme on green jobs. Why the transformation to a sustainable, low carbon economy is crucial for environmental and social reasons. What this transformation means for enterprises and labour markets. What the ILO means by green jobs. How green jobs and the greening of enterprises contribute to meeting pressing social and environmental challenges and how the ILO is setting up and implementing its global programme through partnerships.
Full text

Shows how the development of green building offers a considerable scope for generating employment opportunities and focuses on deficiencies in the supply of skills and training for green building.
Full text

Contains in-depth profiles of more advanced countries on green jobs in a systematic and comparable manner. Examples are given on programmes and sector-based approaches to green job creation that have been implemented in a variety of countries around the world, both in developed and low-income countries.

Describes the work of the Youth Entrepreneurship Facility in enabling young men and women to turn their energy and ideas into business opportunities contributing to the creation of decent work for young Africans, both as a means of self employment and as job creation for others.
Full text


**Working conditions in “Green jobs” : women in renewable energy sector** / Lisa Rustico, Francesca Sperotti ; International Labour Office.


Call number NYP

**Working towards sustainable development : opportunities for decent work and social inclusion in a green economy** / International Labour Office.


Full text

Call number 112B09/130 engl

**Anticipating skill needs for the low carbon economy? : Difficult, but not impossible** / International Labour Office, European Union.


Argues that transitions to greener economies are having a significant impact on certain sectors of a country’s economy and on the demand for new types of skills and the changing nature of occupations. Shows that while anticipating skill needs for the low carbon economy is complex, and poses significant challenges, it can be done. Shows also that difficulties with definitions of occupations and sectors, shortcomings in statistics, problems with defining a green job, and differences in the dynamics of employment in different types of green activity can all be overcome. Argues that collaboration between governments employers and worker’s organizations, contributes to the identification of the right issues to research, to high quality analysis and to the effective implementation of skills policies and actions based on the research.

Full text

Call number 111B09/344 engl

**Assessing green jobs potential in developing countries : a practitioner’s guide** / Andrew Jarvis, Adarsh Varma and Justin Ram ; International Labour Office.


Full text

Call number 111B09/311 engl

**Building a sustainable future with decent work in Asia and the Pacific : supplement to the Report of the Director-General** / International Labour Office.


Provides an update on developments in the Region and underscores the imperative of moving towards new, more efficient patterns of growth with social justice.
Comparative analysis of methods of identification of skill needs on the labour market in transition to the low carbon economy / International Labour Office, ILO Skills and Employability Department (EMP/SKILLS).

The employment aspects of energy-related improvements in construction in South Africa / Llewellyn van Wyk, Marinda Kolev, Luke Osburn, André de Villiers, Zaid Kimmie ; International Labour Office, Sectoral Activities Department, Job Creation and Enterprise Development Department.

Green job assessment in agriculture and forestry sector of Bangladesh / M. Matiur Rahman ; International Labour Organization.

Green jobs [CD ROM] : compilation of works / ILO Regional Office for Asia and the Pacific.
Bangkok : ILO, 2011. 1 computer laser optical disc
Covers ground-breaking studies on the potential of green jobs in specific sectors in Bangladesh, China and India along with useful training materials.

Provides an overview of the activities and experiences carried out by the Green Jobs Programme of the ILO in 2010 and 2011 aimed to the creation of green jobs with reduced environmental impact. Adresses the employment and social dimension of environmental policies and ensure decent work for the present and future generations and to mainstream environmental concerns into the world of work and change in the long term consumption and production. Argues that cooperation at national and international level is crucial, including ILO stakeholders, civiy society and UN agencies to ensure that the green jobs are recognized as a sustainable approach to poverty, climate change and environmental degradation.

Full text
Call number 111B09/278 engl

The paper highlights the origins of the Green Jobs Programme of the ILO, provides an update on developments at international and national levels, and shows how the ILO has responded to these developments in line with the strategic directions established by the Governing Body in 2007 and 2008. It seeks debate and guidance for the future development of the Programme at national and international levels, in particular on the role the Office and constituents could play in the forthcoming United Nations Conference on Sustainable Development and in the ongoing negotiations for a new international climate agreement.
Click here to find all the papers of the session
Full text
Call number GB.312/POL/1

**Greening the global economy : the skills challenge** / International Labour Office, Skills and Employability Department.
Examines the role of the development of skills for green jobs in facilitating the transition to a greener economy and seizing the employment opportunities that the transitions entails. Provides numerous case studies of country experiences and good practice.
Full text
Call number 111B09/295 engl

Argues that the concept of green jobs promotes opportunities for job creation and a socially fair transition towards a greener economy in which vulnerabilities, changes in the labour market and new business models are addressed through inclusive social dialogue. Provides guidance to UN
Country teams on how to integrate green jobs at country level, including joint programmes and the UN Development Assistance Framework (UNDAF) process.

Investment in renewable energy generates jobs: supply of skilled workforce needs to catch up / International Labour Office, European Union.
Argues that renewable energy has a major part to play in the transition to the low carbon economy. Shows that the solution is to switch from fossil fuels to renewable energy, which currently contributes only a very small share of total energy generation and usage. Demonstrates that there are economic opportunities in renewable energy, which also offers considerable scope for generating employment opportunities.

Local investments for climate change adaptation: green jobs through green works / ILO Regional Office for Asia and the Pacific; ILO Employment-Intensive Investment Programme.
Introduces an approach for infrastructure development and public works in the context of climate change adaptation. It links adaptation with poverty reduction and employment creation. It introduces a local resource-based approach and demonstrates how green jobs can be created through green works.

Local investments for climate change adaptation: green jobs through green works / International Labour Organization, ILO in Asia and the Pacific, Employment Intensive Investment Programme in Asia and the Pacific (EIIP).
Call number NYP

Mainstreaming environmental issues in sustainable enterprises: an exploration of issues, experiences and options / Maria Sabrina De Gobbi; International Labour Office; Employment Sector, Small Enterprise Programme, Job Creation and Enterprise Development Department.

Presents an analysis of green jobs for selected economic sectors, including renewable energy, water provision, waste management, tourism, fisheries, buildings and the urban economy.


Aims to promote a clearer understanding of the nature of the green economy and its implications for labour markets, especially the reallocation of jobs from high- to low-polluting sectors. Shows that a double dividend in terms of increased decent work opportunities and a greener economy is possible, provided that complementarities between environmental, economic and social policies are adequately exploited. Discusses the green policy measures that EU countries are currently undertaking, with a view to identifying any gaps in the policy mix. Presents also model estimates on the likely transmission mechanisms arising from these measures.
Full text


The main components of “rebalancing” have been identified as transition from public to private sector led growth, domestic-led growth of consumption and investments in place of export-led growth, shifts to green jobs and green enterprises and deeper Asian regional integration. The theme of this report is that such rebalancing must, as a matter of both “smart economics” and social justice, also promote gender equality in the labour market.


Achieving and Sustaining an Employment-Based Recovery: United States and Global Strategies for Governments, Businesses, Workers and Families (26 February 2010) /
address by Juan Somavia, Director-General of the International Labour Office.
Full text
Call number WWW ACCESS ONLY

BlueGreen Alliance : building a coalition for a green future in the United States. [Special topic :] Climate change and labour : the need for a "just transition" / David Foster ; International Labour Office.
Full text
Call number 09238(2010-2)233-244

Building a just transition : the linkages between climate change and employment. [Special topic :] Climate change and labour : the need for a "just transition" / Anabella Rosemberg ; International Labour Office.
Full text
Call number 09238(2010-2)125-161

Climate change and labour : the need for a "just transition" [special topic] / International Labour Office.
Discusses the impact of climate change and mitigation policies on employment, identifies policies likely to facilitate the transition to a low-carbon economy, and examine how trade unions organize around the issue of climate change.
Full text
Call number 09238(2010-2)

Employment opportunities from climate change mitigation policies in the Netherlands. [Special topic :] Climate change and labour : the need for a "just transition" / Jerry van den Berge ; International Labour Office.
Full text
Call number 09238(2010-2)211-231

The foundations for extending green jobs : the case of the rail-based mass transit sector in North America. [Special topic :] Climate change and labour : the need for a "just transition" / Jonathan Michael Feldman ; International Labour Office.
Full text
Call number 09238(2010-2)269-291

Green jobs and green skills in a brown Philippine economy / Rene E. Ofreneo; International Labour Office, Skills and Employability Department, ILO Country Office for the Philippines.

Green jobs creation through sustainable refurbishment in the developing countries / Ramin Kievani, Joseph H.M. Tah, Esra Kurul, Henry Habanda; International Labour Office, Sectoral Activities Department.

Green jobs in the South Pacific: a preliminary study / ILO Office for Pacific Island Countries.

The greening of the offshore energy sector in the North Sea. [Special topic:] Climate change and labour: the need for a "just transition" / Miguel Esteban, David Leary, Qi Zhang, Agya Utama and Keiichi Ishihara; International Labour Office.

Presents a case study on the social dialogue roundtables initiative, created in Spain as a mechanism of participation and monitoring of compliance with the Kyoto Protocol and the norms and standards derived from it with the objective of analysing the effect of these norms on employment, competitiveness and social cohesion.

Full text

Call number 110B09/200 engl


Assesses the Decent Work and environmental dimensions of the existing jobs created under NREGS in one particular district, with a view to promoting Green Jobs through the creation of new jobs and the enhancement of existing jobs.

Full text

Call number WWW ACCESS ONLY


Full text

Call number WWW ACCESS ONLY


Shows that right skills for green jobs are the prerequisite to make the transition to a greener economy happen, and that the adoption and dissemination of clean technologies requires skills in technology application, adaptation and maintenance. Investigates skills needs for structural shifts caused by greening the economy, new and changing occupational profiles, and major skills constraints. Explores skills development in response to the greening agenda at national, regional and local levels in six European Union member states : Denmark, Germany, Estonia, Spain, France and the United Kingdom.

Full text

Call number WWW ACCESS ONLY

Skills for green jobs in Australia [electronic resource] : unedited background country
study / Mike Rafferty and Serena Yu ; International Labour Office, Skills and Employability Department.
The report's principal purpose is to set the scene in terms of the key challenges and priorities for climate change mitigation and adaptation for the Australian economy. The report also focuses on the imminent skills development issues, and the current education and training responses.
Full text
Call number WWW ACCESS ONLY

Skills for green jobs in Bangladesh : unedited background country study / Abdul Hye Mondal, Zabid Iqbal, Shaifullah Mehedi ; International Labour Office, Skills and Employability Department.
Attempts to identify strategic skills development responses of Bangladesh in the light of environmental degradation, climate change and the global call for greening economies.
Full text
Call number WWW ACCESS ONLY

Skills for green jobs in Brazil [electronic resource] : unedited background country study / Luiz Antonio Cruz Caruso ; International Labour Office, Skills and Employability Department.
The aim of this study is to characterize the demand for green jobs and skills in the current transition phase of the Brazilian economy as well as signal what the necessary conditions to supply green skills are.
Full text
Call number WWW ACCESS ONLY

The objective of this report is to identify the strategic skills development responses in light of environmental degradation, climate change and the global call for greening economies. Outlines the major challenges and priorities for climate change adaptation and subsequent greening policies and strategies. Specifically, the report addresses the skills implications and responses of greening existing industries, as well as the potential for job creation in new industries.
Full text
Call number WWW ACCESS ONLY

This report summarizes key findings obtained from research conducted by INCAE Business
School regarding the creation of green jobs and the transformation of existing jobs as a result of
sustainable development and low-carbon trends in Costa Rica.

Skills for green jobs in Egypt [electronic resource] : unedited background country study /
International Labour Office, Skills and Employability Department.
Attempts to identify strategic skills development responses of the country in the light of
environmental degradation, climate change and the global call for greening economies.

Skills for green jobs in India [electronic resource] : unedited background country study /
Vipan Kumar, Kasturi Mandal, Naresh Kumar, Taposik Banerjee ; International Labour Office,
Skills and Employability Department.
Discusses major challenges and priorities related to climate change and environmental
degradation and the subsequent greening policies and strategies to generate green job
environment in India.

Skills for green jobs in Indonesia [electronic resource] : unedited background country
study / Farida Zaituni, Arthur Ronald Samuel, Henriette Imelda, Olivia Tanujaya ; International
Labour Office, Skills and Employability Department.
Identifies strategies related to skills development in Indonesia that may provide remedial
measure of environmental degradation, climate change and global trends for green economies.

Skills for green jobs in Mali [electronic resource] : unedited background country study /
Ibrahim Togola, Johanna Togola, Mahamadou Diarra ; International Labour Office, Skills and
Employability Department.
Discusses major challenges and priorities related to climate change and the subsequent
greening policies and strategies, and identifies major sectors with a greening potential in the
country.
Examines the current issues in South Africa pertaining to greening the economy with special attention to skills requirements now and in the future.

Identifies strategic skills development responses of the country in the light of environmental degradation, climate change and the global call for greening economies.


Details US policy initiatives to promote energy efficiency, including both federal and state spending, regulatory changes, and tax and subsidies, and traces these policies to the skill demands they are and will create. Presents case studies on training programmes that are generating the personnel who have the needed skills.

This study was conducted to identify strategic skills development responses of Uganda amid the
current environmental degradation, climate change and the global call for greening economies.

The social and decent work dimensions of a new Agreement on Climate Change [electronic resource] : technical brief / Ana Belén Sanchez and Peter Poschen ; International Labour Office.
Identifies ways to integrate social and labour needs in the different areas of work of a potential future climate agreement.


Supporting a just transition : the role of international labour standards. [Special topic :]
Climate change and labour : the need for a "just transition" / Lene Olsen ; International Labour Office.

Focuses on the social and economic consequences of climate change policies, looking at which policies can ensure the decency of future "green" jobs.

Describes how international labour standards could be made more relevant to climate change in terms of its impact on employment and the labour market. Addresses the transition to a low carbon economy through a framework of policy coherence and good governance using
international labour standards as guidelines for supporting not only the social dimension of sustainable development, but the economic and environmental ones as well.

Call number 109B09/255 engl

**Green jobs [electronic resource]: improving the climate for gender equality too!** / International Labour Office, Bureau for Gender Equality, Policy Integration and Statistics Department.
Full text
Call number WWW ACCESS ONLY

The green jobs programme of the ILO / International Labour Organization.
Summarizes the why, what and how of the ILO's global programme on green jobs. Why the transformation to a sustainable, low carbon economy is crucial for environmental and social reasons. What this transformation means for enterprises and labour markets. What the ILO means by green jobs. How green jobs and the greening of enterprises contribute to meeting pressing social and environmental challenges and how the ILO is setting up and implementing its global programme through partnerships.
Full text
Call number 109B09/82 engl

Estimates employment gains when moving to a green economy, i.e. with reduced carbon dioxide emissions.
Full text
Call number 109B09/297 engl

Making a deal on climate change work / statement by Juan Somavia, Director-General of the International Labour Office to the United Nations Summit on Climate Change (New York, USA 22 September 2009).
Full text
Call number WWW ACCESS ONLY

Note on the proceedings: Tripartite Meeting on Promoting Social Dialogue and Good Industrial Relations from Oil and Gas Exploration and Production to Oil and Gas Distribution / International Labour Organization, Sectoral Activities Programme.
World Environment Day (5 June 2009) / address by Juan Somavia, Director-General of the International Labour Office.
Full text

20th ASEAN Labour Ministers' Meeting (ALMM) (Bangkok, Thailand, 8 May 2008) / address by Juan Somavia, Director-General of the International Labour Office.
Full text

Discusses the implications for employment and decent work of climate change.
Full text

G8 Labour and Employment Ministers' Meeting (Niigata, Japan, 13 May 2008) / address by Juan Somavia, Director-General of the International Labour Office.
Full text

Full text


**UNEP - 10th Special Session of the Governing Council/Global Ministerial Environment Forum (Monaco, 20 February 2008)** / address by Juan Somavia, Director-General of the International Labour Office. 

**World Environment Day (5 June 2008)** / address by Juan Somavia, Director-General of the International Labour Office. 

**UN high-level event on Climate Change : The Future in our Hands : Addressing the Leadership Challenge of Climate Change (New York, USA, 24 September 2007)** / address by Juan Somavia, Director-General of the International Labour Office. 

**Presentation by the Director-General of his Report to the Conference (11 June 2007)** / address by Juan Somavia, Director-General of the International Labour Office. 