

# Green Jobs - Employment and decent work in a climate challenged world - An introduction



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**Vincent Jugault, ILO-Regional Office for Asia & the  
Pacific Region**





# The two defining challenges of the 21st century

- **Averting dangerous climate change and protecting life-support on earth**
- **Creating jobs, decent work, well-being and dignity for the excluded**



# The decent work challenge

- **1.3 billion working poor (< \$2/day)  
= 43% global labor force**
- **Unemployed: 190 m globally**
- **Young job seekers: > 500 m new job**
- **5.3 billion with no social security**
- **1.6 billion without access to energy**
- **1 billion slum dwellers**
- **Job seekers next 10 years**



**Addressing climate change requires a major shift in the way the world produces and consumes.**

**This structural change will have significant impacts on enterprises and workers, both negative and positive.**

# Green Jobs Initiative



## Social Pillar of the policy framework for Sustainable Development





# Defined green jobs

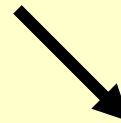
**Green Jobs reduce the environmental impact of enterprises and economic sectors, ultimately to levels that are sustainable**

**Green Jobs = Decent Jobs (Quality Jobs) + Environmental sustainability**

# Decent Work



Important international labor standards (ILS) and resolutions for green jobs



**The core ILS (8)**

OHS standards  
HRD/TVET  
others



**Economy/ Engine of  
Growth**



**Environment**

# CORE DECENT WORK INDICATORS



- **Freedom of association and the effective recognition of the right to collective bargaining**
  - C87 Freedom of Association and Protection of the Right to Organize Convention, 1948;
  - C98 Right to Organize and Collective Bargaining Convention, 1949;
- **Elimination of all forms of forced or compulsory labor**
  - C29 Forced Labour Convention 1930;
  - C105 Abolition of Forced Labour Convention, 1957
- **Effective abolition of child labor**
  - C138 Minimum Age Convention, 1973,
  - C182 Worst Forms of Child Labour Convention, 1999
- **Elimination of discrimination in respect of employment and occupation**
  - C100 Equal remuneration Convention, 1951,
  - C111 Discrimination (Employment and Occupation) Convention, 1958



# Environmental sustainability



- **CLIMATE CHANGE**

- Greenhouse gases emissions reduction and capture**

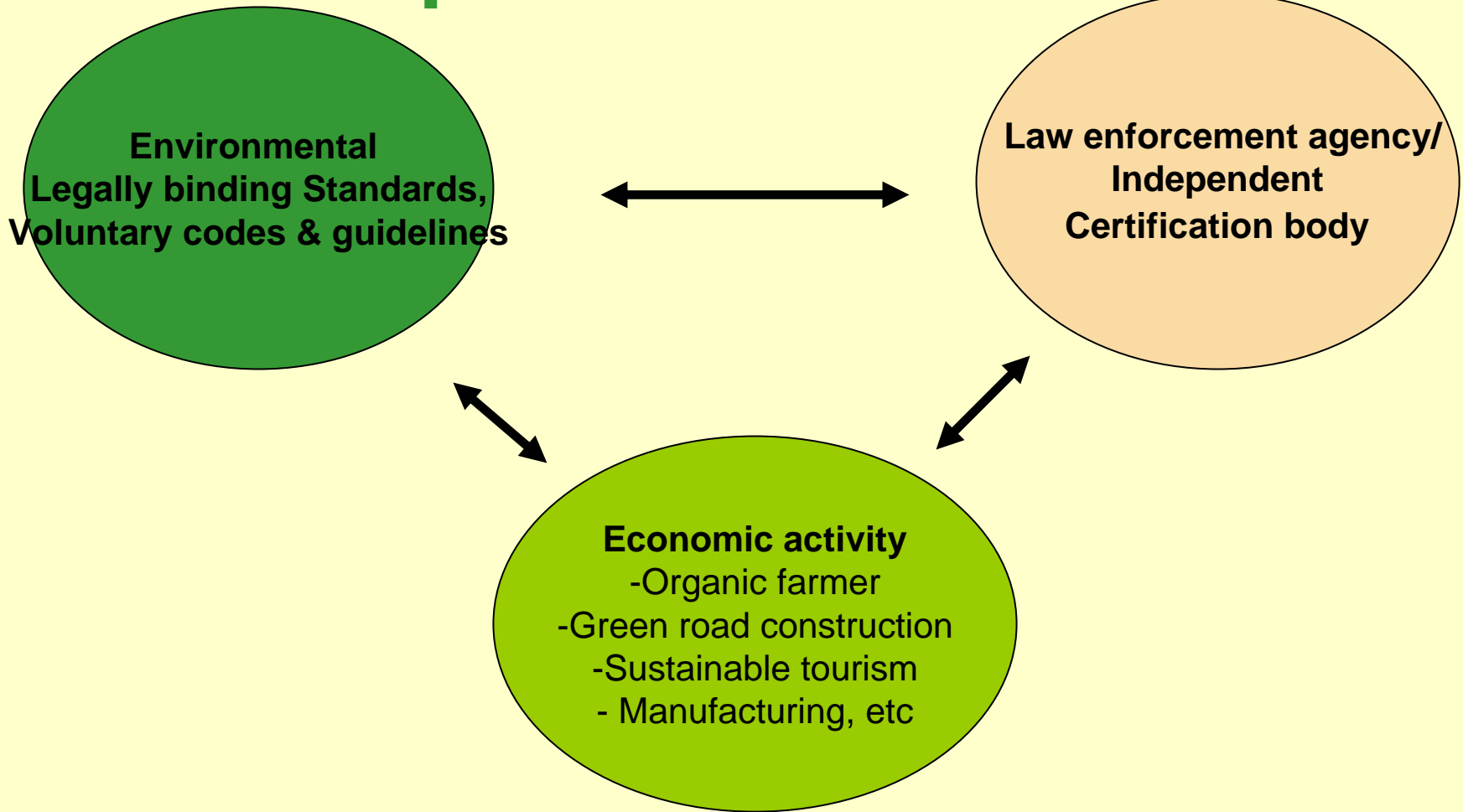
- Prevention of deforestation and forest degradation**

- Adaptation to climate change and climate variability**

- **BIODIVERSITY, ECO-SYSTEMS MANAGEMENT**

- **POLLUTION CONTROL: air, water, waste, contaminated soils,etc.**

# Measuring environmental performance



# Ship-breaking

Over 100,000 workers in Asia, almost all untrained and unprotected in an environmentally damaging and hazardous industry.



## Not Green Jobs !!

For decent work & environment related reasons



## Recycling

Millions of workers in Asia involved in hazardous waste recycling (e-waste, lead and other heavy metals, etc.) in the informal sector.

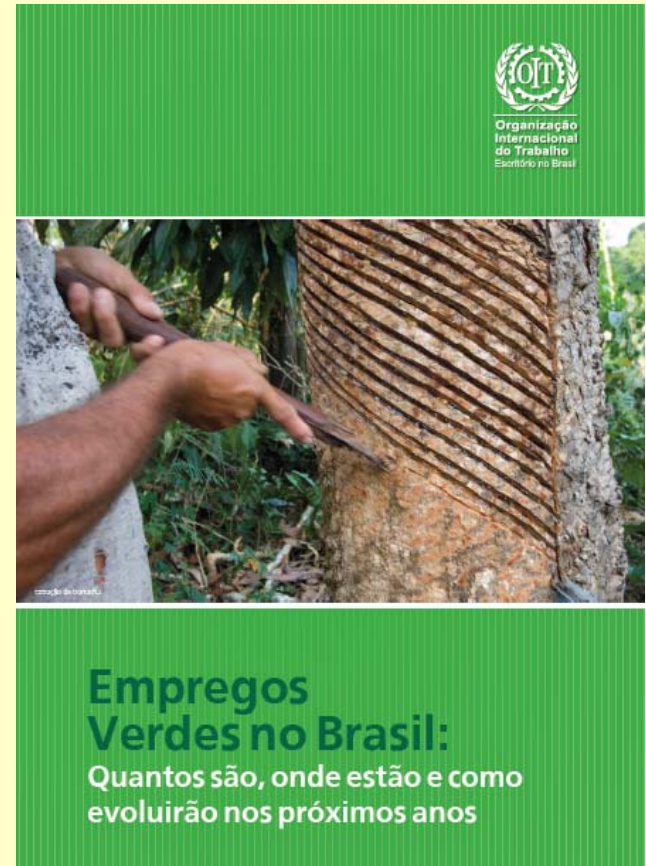


# **A multi-dimensional, dynamic, concept**

- **A Green Job in country A is not necessarily a Green Job in country B**
- **In country A, a green job today, will not be a green job tomorrow**

# Brazil

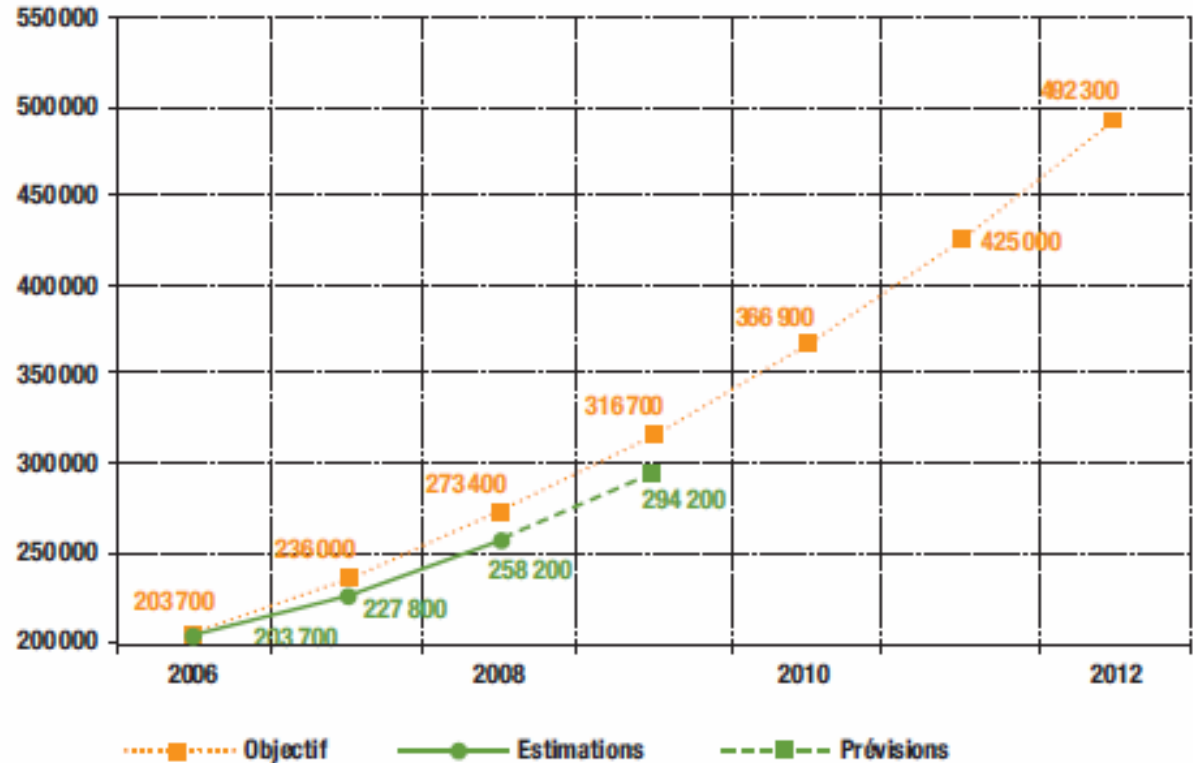
- 2.65 m formal green jobs
- 6.7% formal employment
- Growing faster than overall labor market
- Green stimulus: social housing



# France



- Direct employment: Close to 290,000
- Growing at + 13% [2009]



Source : ADEME/In Numeri; emplois directs en équivalents temps plein.

# Bangladesh



	<b>Core environment-related jobs</b>	<b>Direct 'Green' jobs</b>	<b>Indirect jobs associated with core environment-related or GJ</b>
Sustainable agriculture	41,548	n.p.	47,482
Sustainable and participatory forestry	28,813	n.p.	28,121
Sustainable energy	18,823	18,823	50,561
Waste management and recycling	189,180	n.p.	212,753
Collection purification/distribution of water	8,441	n.a.	n.a.
Climate adaptation activities	1,726,755	616,052	967,849
Manufacturing and energy efficiency	10,934	10,934	21,472
Sustainable transportation	178,510	178,510	54,049
Sustainable construction	1,340,000	536,000 – 670,000	1,416,364
<b>Total</b>	<b>3,543,004</b>	<b>1,427,319</b>	<b>2,798,651</b>

**Source: ILO/GHK, June 2010.**



# Green Jobs for a Green Economy



- Key sectors for green jobs creation under the Green Economy : Agriculture, Green Buildings, Cities, Energy, Finance, Fisheries, Forests, Manufacturing, Tourism, Transport, Waste, Water and, **Enabling Activities**
- ‘Poles of (green) growth’, including for the poor, men and women



# Potential areas for green jobs creation to be explored further



- Labor intensive infrastructure development programs, that contribute to climate mitigation/adaptation objectives
- Green social housing programs
- Sustainable tourism, rural areas
- transport means for the poor in urban areas
- Decentralized sustainable waste management in small and medium range cities



# A Just Transition for workers, employers and enterprises

## ILO FRAMEWORK

- **Workers rights**
- **Social dialogue**
- **Extended social protection**
- **Sustainable businesses and productive work**
- **Entrepreneurship, development of SMEs**

# The achievements of the Green Jobs Initiative until now



- **Environment and job creation can be mutually supportive**
- **The challenge is to create and seize the opportunities for new and greener jobs to off-set the losses in sectors that may jeopardize sustainable development.**



- Recognition of the Need for a **Just Transition** for workers and enterprises to adapt to a changing environment
- A “Just Transition” for the workforce and the **creation of decent work and quality jobs** are part of the shared vision for long term global action of the [Cancun Agreement](#).



**Thank you**