

Statistics on employment in the environmental sector and green jobs

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2013 Guidelines

Adopted in 2013 by the 19th ICLS

- Based on SEEA definitions
- Provides the operational definition of employment in environmental sector and green jobs,
- Makes distinction between (i) employment in the production of environmental output (for the market) and (ii) employment in the production of environmental processes (workers whose duties involve making their establishment's production processes more environmentally friendly or make more efficient use of natural resources).
- Green Jobs - subset
- Provides guidelines on the measurement methods and data collection methods.



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19th ICLS, 2013

- Noted that definitions and measurement of both employment in the environmental sector and green jobs are still in a very experimental phase
 - Intensive testing and piloting is required
 - Need to start accumulating country experiences based on the guidelines
- Further research on methodologies for estimating the employment in the environmental sector and green jobs at the national level, by using existing sources
- Guidelines for estimating job creation and job losses caused by either climate change or environmental policies.



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Development since 2013

- New instruments for collecting information on employment in the production of environmental outputs and in environmental processes for inclusion in (i) LFS and (ii) establishment survey.
- Instructions for completing the forms , tabulation plans
- The relevance and suitability of the conceptual framework of the guidelines and the methodology developed for collecting data tested
 - Albania, 2013
 - Mongolia, 2014 and 2016
 - A number of other countries expressed interest in implementing guidelines
- GAIN Training guidebook: *How to measure and model social and employment outcomes of climate and sustainable development policies, 2017*
- Capacity-building activities



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GAIN Training guidebook: How to measure and model social and employment outcomes of climate and sustainable development policies, 2017

- To support countries in the assessment of labour market impacts of transitions to greener economies and the related structural changes and in the implementation of the Paris Agreement on climate change.
- Module 1 describes what green employment projection models are and how they will help with designing and refining policies.
- Module 2 provides guidance on the concepts and statistical definitions concerning the green economy and green jobs as well as practical steps in generating statistics on employment in the environmental sector and green jobs from various sources.
- Module 3 explains how to expand conventional input–output tables to feature green industries and jobs, and how to build a static comparative employment projection model.
- Module 4 provides guidance on assessing income distribution effects using supply and use tables and social accounting matrices.

