

# GREENING OF JOB ROLES



Prepared by:  
Standards Team, NSDC & Green Jobs SSC

*(For Reference Only)*



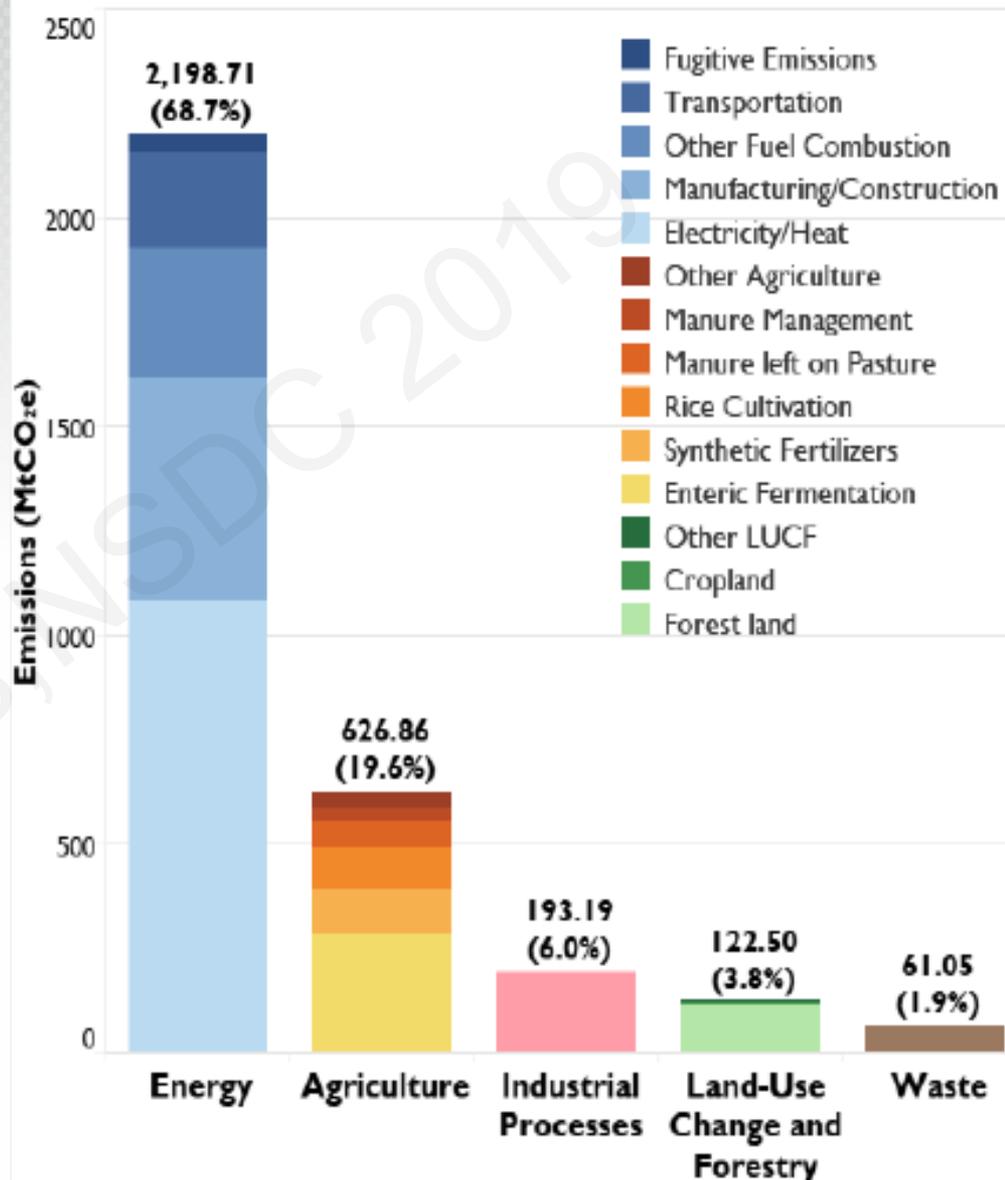
# Greening

- Transition to a low-carbon economy & climate-resilient society.
- Develop new sectors of activity to replace environmentally unfriendly alternatives.
- Adapt eco-friendly processes in personal consumption & occupations that are carried over from the past
- Develop skills that lead to avoiding the use of irreplaceable raw materials, recycling waste, minimizing energy use, and avoiding pollution.

From **1990 to 2014**, India's:

- GHG emissions increased by **180%**,
- Energy emissions increased by **246%**,
- agriculture emissions increased **25%**.

**GHG Emissions by Sector, 2014 (MtCO<sub>2e</sub>)**  
Including Percent of Total



Sources: WRI CAIT 4.0, 2017, FAOSTAT, 2018

# Greening of Job Roles



Inclusion of 'green knowledge' and 'green methods' for developing competencies in traditional sectors such as agriculture, manufacturing, construction, etc.

# Green Jobs



Jobs that focus on sustainability: for instance on climate change, the green economy, renewable energy, green technologies.

# Go Green – Greening Explained



Greening competencies in existing job profiles, with a focus on reducing the environmental impact of production, services and how people work.



Mainstreaming environmental concerns into the world of work to change consumption and production patterns.



Creating awareness about the need to deal carefully with the environment.



Developing a pool of skilled workers committed to sustainable development.

# Proposed Greening Framework

Suggested NSQF Levels	Key Tasks			Implementation Levels	
	Solutions	Policies	Implementation		
<b>8 to 10</b>	Design greening solutions to make the organization more sustainable	Design organizational greening policies in line with govt policies/acts of the sector to implement sustainability at workplace/organizations	Strategize the implementation of greening policies at an organizational level	Practice greening values at individual level	
<b>5 to 7</b>	Interpret & implement greening solutions	Interpret & implement organizational greening policies and obtain required regulatory approvals	Supervise implementation of all greening practices  Create awareness about the policies		Management + Organizational Level
<b>1 to 4</b>	Follow greening solutions, policies & practices				Individual Level (within & outside org.)

# Focus Areas

- **Energy & Material Conservation**
- **Reduction of Greenhouse Gas Emissions**
- **Waste Management**
- **Pollution Control**

# Key Tasks

- **Inclusion of Greening NOS in existing QPs**
- **Integrating elements within existing NOS**
- **Redefining Curricula**
- **Module on awareness of the need for greening**



Greening\_NOS\_N  
SQF 3-4



Greening\_NOS\_N  
SQF 5-6

# References



Greenhouse gas emissions in india

<https://www.climatelinks.org/sites/default/files/asset/document/india%20ghg%20emissions%20factsheet%20final.pdf>

India's intended nationally determined contribution: working towards climate justice

<https://www4.unfccc.int/sites/ndcstaging/publisheddocuments/india%20first/india%20indc%20to%20unfccc.pdf>

Greening technical and vocational education and training a practical guide for institutions

<https://unevoc.unesco.org/up/gtg.pdf>

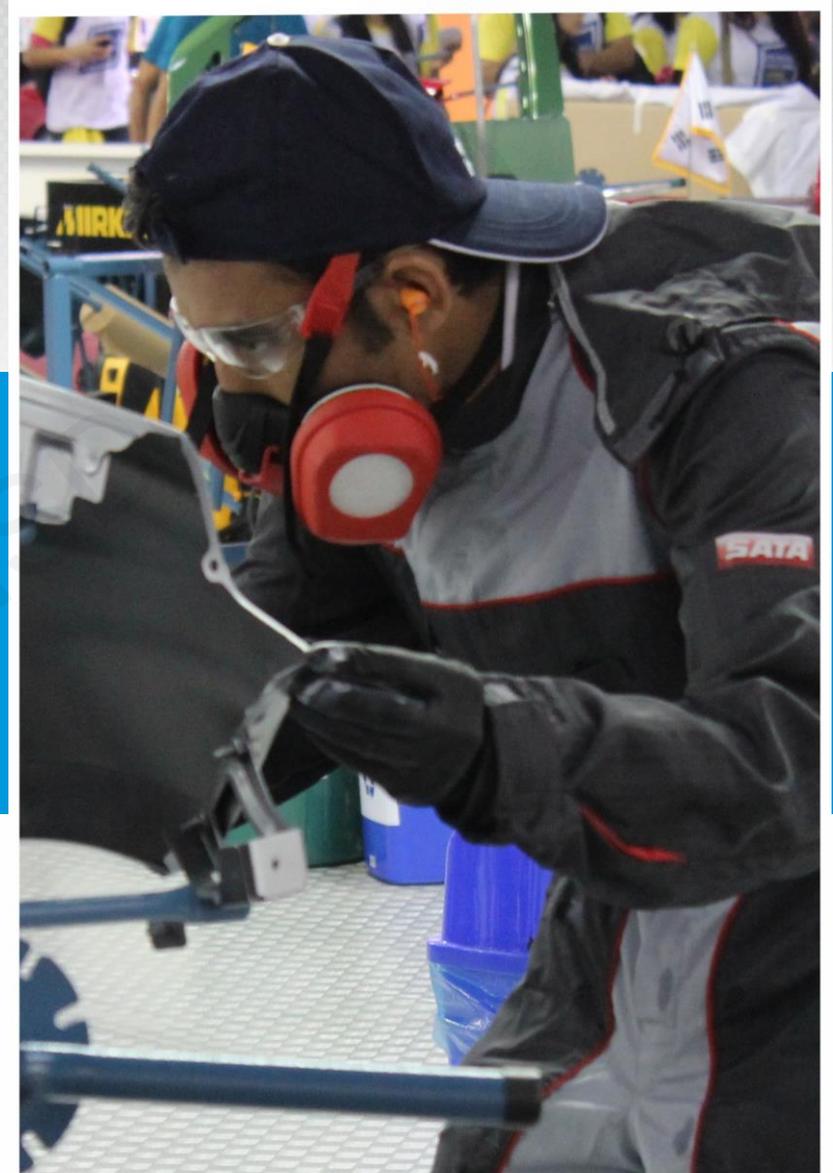
Greening TVET for sustainable development

[https://unevoc.unesco.org/fileadmin/user\\_upload/docs/e-forum\\_synthesis\\_report\\_greening\\_tviet.pdf](https://unevoc.unesco.org/fileadmin/user_upload/docs/e-forum_synthesis_report_greening_tviet.pdf)

Frequently Asked Questions on green jobs

[https://www.ilo.org/global/topics/green-jobs/WCMS\\_214247\\_EN/lang--en/index.htm](https://www.ilo.org/global/topics/green-jobs/WCMS_214247_EN/lang--en/index.htm)

*Thank You*





Transforming the skill landscape

301, 3rd Floor, West Wing, World Mark 1, Asset 11, Aerocity, New Delhi – 110037

Tel: +91-11-47451600-10 | Fax: +91-11-46560417

Website: [www.nsdcindia.org](http://www.nsdcindia.org)

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**About National Skill Development Corporation (NSDC):** National Skill Development Corporation, working under the aegis of Ministry of Skill Development & Entrepreneurship, is a unique public-private-partnership which aims to catalyze creation of quality vocational training ecosystem in India. The organisation provides funding to build scalable and profitable vocational training initiatives. Its mandate is also to enable support system which focuses on quality assurance, information systems and train-the-trainer academies either directly or through partnerships. Since establishment in 2009, NSDC has trained more than 2 crore people through its partnership with 600+ training partners, wide a robust network of 11,000+ training centers spread over 600 districts across the country. NSDC has institutionalized 37 Sector Skill Councils and is also implementing Government's flagship skill development schemes such as Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Pradhan Mantri Kaushal Kendra (PMKK), National Apprenticeship Promotion Scheme (NAPS), among others.

## CONTACT US

NSDC's Skills Intelligence Platform at [skillsip@nsdcindia.org](mailto:skillsip@nsdcindia.org)

