Just Transition: Coding Instructions

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Introduction

This file contains coding instructions for the Just Transition project run with the ILO.

Coding

For each country, we code the variables listed below.

FAQ

- If information is unavailable, enter "na".
- Use information available in NDCs only, not additional docs

Name of the variable	Description	Checklist: for variables with yes/no values, code 'yes' if <u>at least one condition</u> is met	Example	Change tracker
countryname	Country name, following World Bank convention (https://data.worldbank.org/country). Values: string.		Korea, Rep.	
NDC	Indicate the name of the NDC, using the UNFCCC's "Title" name here: https://unfccc.int/NDCREG. Values: string.		Albania First NDC (Updated submission)	
NDC_version	Indicate the version of the NDC, using the UNFCCC's "Version" value here: https://unfccc.int/NDCREG. Values: positive number.		2	
NDC_submission_date	Indicate the submission date of the NDC, using the UNFCCC's "Submission" value		31/05/2021	

	here: https://unfccc.int/NDCREG. Values: date (day/month/year)			
policy_education_social	This variable assesses if the NDC contains policies focused on enhancing public awareness and knowledge about climate change, particularly through informal education channels such as public education campaigns, community outreach, and other non-traditional educational formats. Values: yes, no, na	☐ Does the NDC explicitly mention policies or initiatives aimed at raising awareness about climate change? ☐ Does the NDC include strategies for engaging the general public in climate change discussions and knowledge-sharing? ☐ Are there any measures mentioned for utilizing media, social platforms, or community events to educate about climate change?	yes [lower case]	
policy_education_primsec	This variable assesses if the NDC addresses policies related to labor markets and education during mandatory schooling. Only write 'yes' if primary and/or secondary school is explicitly listed.	☐ Are there specific programs or policies aimed at integrating climate change and sustainability topics into primary and secondary education curricula? ☐ Does the NDC discuss the role of primary and secondary education in preparing the workforce for a green economy?	yes [lower case]	

		☐ Are there measures to align primary and secondary education with emerging labor market needs due to climate change?		
policy_education_university	This variable looks at whether the NDC includes education at the tertiary level (university, community colleges, etc.). Only write 'yes' if a tertiary school that is not a vocational, technical, or trade school is explicitly listed. Values: yes, no, na	☐ Does the NDC specifically mention tertiary educational institutions (universities, community colleges)? ☐ Are there outlined policies or initiatives for integrating climate change and sustainability into tertiary education curricula? ☐ Does the NDC address how tertiary education will adapt to the changing labor market demands due to climate transitions? ☐ Are there partnerships or collaborations with tertiary institutions for research and development in sustainable technologies and practices?	yes [lower case]	
policy_justtransition_abstract	This variable examines if the NDC mentions any policies related to labor markets and/or the concept of just transition, even if not well defined.	☐ Does the NDC mention the term "Just Transition" or equivalent concepts? ☐ Are there any policies or mentions of adapting labor markets in response to climate	yes [lower case]	

	Values: yes, no, na	change? ☐ Does the NDC discuss support mechanisms for workers affected by the transition to a green economy? ☐ Are there references to re-skilling or up-skilling programs for workers in sectors affected by climate policies? ☐ Does the NDC mention employment and social impacts of a green transition and/or measures to address them? ☐ Does the NDC mention distributional impacts of a transition towards a more environmentally sustainable economy?		
policy_justtransition_macro	This variable assesses if the NDC includes references to macroeconomic and growth policies. Values: yes, no, na	☐ Does the Just Transition policy include references to monetary policy (interest rates, …) or fiscal policy (public spending, taxing)? ☐ Are there policies promoting sustainable production, consumption, and full, productive employment? ☐ Are economic growth policies aligned with social and environmental objectives? ☐ Are there regulatory measures, such as taxes or incentives, for	yes [lower case]	

		encouraging sustainable economic activities? ☐ Does the NDC outline trade and investment policies aimed at achieving social, economic, and environmental sustainability, fostering green innovation and jobs?		
policy_justtransition_industry	This variable assesses if the NDC includes industrial and sectoral policies. Values: yes, no, na	☐ Does the NDC set specific goals for improving the social, economic, and environmental sustainability of various sectors? ☐ Is special attention given to industries, regions, communities, and workers most affected by the transition? ☐ Does the NDC outline incentives, mandates, or regulations to stimulate markets for green goods and services?	yes [lower case]	
policy_justtransition_industry_sector	ONLY IF policy_justtransition_industry==yes Which sectors does the industrial policy target to justify a 'yes' for policy_justtransition_industry?	☐ Renewable Energy ☐ Fossil Fuels ☐ Manufacturing ☐ Transportation ☐ Construction and Building ☐ Waste Management and Recycling ☐ Agriculture ☐ Forestry	agriculture [lower case]	Remark: don't forget to take into account thermal and hydro in renewable energy

	Values: string (comma-separated)	☐ Water Management ☐ Tourism ☐ Information and Communication Technology (ICT) ☐ Chemicals and Materials ☐ Green Services ☐ Other. SPECIFY.		
policy_justtransition_skill	This variable assesses whether the Just Transition policy includes references to policies to develop workers' skills. Values: yes, no, na	☐ Does the NDC outline policies for reviewing and adapting skills development to support transitioning to environmentally sustainable economies? ☐ Does the NDC mention strategies for identifying and anticipating evolving skills needs, especially for green jobs? ☐ Are there policies for engaging in social dialogue and collaborating with industry and training institutions for responsive labor market and training systems?	yes [lower case]	
policy_justtransition_skill_sector	ONLY IF policy_justtransition_skill==yes What sectors, if any, are listed as targets for (re)skilling? Values: string	☐ Renewable Energy ☐ Energy Efficiency ☐ Sustainable Transportation ☐ Waste Management and Recycling ☐ Agriculture ☐ Forestry	agriculture, manufacturing [lower case]	

	(comma-separated)	☐ Green Construction and Retrofitting ☐ Water Management ☐ Green Manufacturing ☐ Environmental Services and Conservation ☐ Climate Change Adaptation and Mitigation ☐ Information and Communication Technology (ICT) ☐ Other. SPECIFY.		
policy_justtransition_health	This variable assesses whether the Just Transition policy includes references to occupational safety and health (OSH). Values: yes, no, na	☐ Does the NDC include assessments of new or increased OSH risks due to climate change and the transition to green jobs? ☐ Are there policies for adapting or developing OSH standards for new technologies and work processes related to the green economy? ☐ Is there mention of promoting or enforcing OSH standards in line with international guidelines? ☐ Are there strategies for incorporating OSH training and awareness in green jobs and sustainability certification programs?	yes [lower case]	Remark: health has to be related to the JT/workers here, for instance a mention of epidemiology would be too general here. You should also take into account heat stress as a risk related to climate change.

| policy_justtransition_socprot | This variable assesses whether the Just Transition policy includes references to policies in support of social protection. Examples include: financial compensation, unemployment benefits (e.g. for coal workers), funding pension plans, etc.

Values: string (comma-separated) | ☐ **Social Services:** Providing essential social services such as child care, elderly care, and support services for people with disabilities.

☐ **Unemployment Benefits:** Providing specific unemployment benefits, especially for workers from sectors heavily impacted by the transition, like coal mining or fossil fuel-based industries.

☐ **Retirement Security**: Protecting and enhancing retirement security, especially for workers in industries undergoing major structural changes.

☐ **Public Insurance for Environmental Disasters:** Establishing or promoting public insurance schemes to support those affected by climate-related and environmental disasters, focusing on farmers and small and medium-sized enterprises (MSMEs).

☐ **Support for Low-Income Households:** Considering compensation for low-income households heavily affected by the costs of clean energy | unemployment benefits [lower case] | |

		transition, particularly those spending a higher proportion of their income on energy and related services. Mentions of cash or social transfers. ☐ Other. SPECIFY.		
policy_justtransition_labor	This variable evaluates if the NDC includes active labor market policies that facilitate the transition to environmentally sustainable economies. Values: yes, no, na	☐ Does the NDC emphasize labor market policies aiding workers and enterprises in adapting to green economy demands? In particular, references to a) Payroll tax reduction, b) Public employment, c) Wage subsidies, d) Job-search assistance, e) Training expenditures, f) Hiring subsidies, g) Unemployment Benefits reform, h) Early retirement age, or i) Disability benefits? ☐ Are there specific measures for unemployed or at-risk workers in sectors affected by environmental changes and environmental policy changes (including workforce re-deployment)? ☐ Are there initiatives for entrepreneurship opportunities in the green economy? ☐ Are measures discussed to facilitate formalization/mentions	yes [lower case]	

		of the informal sector?		
policy_justtransition_rights	This variable assesses whether the NDC respects, promotes, and realizes fundamental principles and rights at work in the context of the green transition. Values: string (comma-separated)	☐ **Human rights:** mentions of human rights ☐ **Labor rights**: mentions of International labour standards/ minimum labour standards/ labour rights/ workers rights/rights at the workplace and similar concepts	human rights [lower case]	
policy_justtransition_socidialogue	This variable looks at the presence of policies promoting social dialogue and tripartism in the NDC, facilitating consensus on environmental sustainability and decent work. Values: yes, no, na	☐ Does the NDC explicitly mention social dialogue or tripartism? ☐ Are there clear references to collaboration with workers' groups, employers, and government bodies? ☐ Are social partners actively involved in the formulation, implementation, and monitoring of national sustainable development policies? ☐ Are there provisions for including environmental aspects in collective bargaining and agreements?	yes [lower case]	Remark: if unions and/or employers' organizations are mentioned but not as part of a collaboration, it does not fit this variable
justtransition_targets	Are any groups targeted in/for measures? If so, which	☐ Women ☐ Youth ☐ Older Workers	women, indigenous groups [lower	Remark: targets included in a concept related to being

		□ Low-Income Communities. □ Workers in High-Emission Industries □ Rural Populations □ Migrant Workers □ Disabled Persons □ Small-Scale Farmers and Fishers. □ Entrepreneurs and Small Business Owners □ Ethnic Minorities □ Indigenous groups □ Refugees and displaced people □ Other. SPECIFY.	case]	impacted by climate change or targeted for sustainable actions but not required to specifically mention as just transition
policy_justtransition_TVET	Values: yes, no	Does the NDC mention Technical and vocational education/ TVET/ VETcompetencies?	yes [lower case]	
policy_justtransition_enterprise	Values: string (comma-separated)	□ **Enterprise policy measures**: Does the NDC include references to policy measures such as an enabling policy environment for businesses/private sector? □ **Support to MSMEs:** Does the NDC include references on support to/the needs of micro, small and medium enterprises? □ **Corporate responsibility**: Does the NDC include references to responsible business	support to msmes [lower case]	

		conduct/due diligence/corporate social responsibility/ESG? ☐ **Entrepreneurship**: Does the NDC include references to entrepreneurship development/support? ☐ **Supply and value chains**: Does the NDC include references to supply chains or value chains?		
justtransition_dedicated_section	ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0 Values: yes, no, na	Is there a section dedicated to the Just Transition?	yes [lower case]	
justtransition_follow_up	ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0 Values: yes, no, na	Are there follow up/institutional arrangements beyond the NDC (eg. JT task force, JT strategy, fund)?	yes [lower case]	
justtransition_finance	ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0 Values: string	Is there an explicit amount of resources allocated to the Just Transition? The string should contain the amount if specified with the currency in parentheses', 'not specified' or na	1000000 (euros) [lower case]	
justtransition_internat	ONLY IF JT	Are there mentions of international cooperation related to the Just	yes [lower case]	

ional_cooperation	MENTIONED EXPLICITLY ie. justtransition_references > 0 Values: yes, no, na	Transition such as partnerships, support to developing countries, technical assistance…		
notes	Notes by coder, if any. Coders are free to add any personal observation or flag any issues. Values: string.			
coder	Name of the person who coded this row of data. Values: string (name)		Aklin	

Additional variables coded with keywords search:

Name of the variable	Keywords	Example
decent_work	[decent work, decent job, decent jobs, good job, good jobs, quality job, quality jobs] Values: string (comma-separated)	decent jobs [lower case]
green_jobs	[green job, green jobs] Values: string (comma-separated)	green jobs [lower case]
employment	[job, jobs, employment, livelihood, employment loss, job loss, job losses] Values: string (comma-separated)	employment, job loss [lower case]
stakeholders_engagement	[stakeholders engagement, public engagement, stakeholder consultation, public consultation, public participation, citizen participation, stakeholder involvement, involvement of stakeholders, involved stakeholders, consultative process, civil society consultation, civil society participation, participation of actors, participation of citizens] Values: string (comma-separated)	consultation [lower case]
ILO	[ilo, international labor organization, international labour organization, international labour organisation, international labor organisation, international labour office] Values: string (comma-separated)	ILO [lower case]

decent_work_references	Number of explicit references of [decent work, decent job, decent jobs, good job, good jobs, quality job, quality jobs] Values: number	3
justtransition_references	[just transition, just energy transition, fair transition, inclusive transition] Values: number	0
social_inclusion	[social inclusion, social justice, social equity, non-discrimination, equal access opportunities, equal access opportunity, intersectionalities, intersectionality, discrimination, equitable distribution, equitable outcome] Values: string (comma-separated)	discrimination [lower case]
organizations	[employers' organizations, employers organizations, business membership organizations, workers' organizations, workers organizations, trade unions, business organizations, business associations, trade associations, employers associations, workers associations, industry group, representative of workers, representatives of employers, workers unions, industry group, representative of workers, representatives of employers, workers unions, workers representatives, employers' representatives, workers' associations] Values: string (comma-separated)	employers organization [lower case]