

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	

	<p>here: https://unfccc.int/NDCREG.</p> <p>Values: date (day/month/year)</p>			
policy_education_social	<p>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.</p> <p>Values: yes, no, na</p>	<p><input type="checkbox"/> Does the NDC explicitly mention policies or initiatives aimed at raising awareness about climate change?</p> <p><input type="checkbox"/> Does the NDC include strategies for engaging the general public in climate change discussions and knowledge-sharing?</p> <p><input type="checkbox"/> Are there any measures mentioned for utilizing media, social platforms, or community events to educate about climate change?</p>	yes [lower case]	
policy_education_primary	<p>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.</p>	<p><input type="checkbox"/> Are there specific programs or policies aimed at integrating climate change and sustainability topics into primary and secondary education curricula?</p> <p><input type="checkbox"/> Does the NDC discuss the role of primary and secondary education in preparing the workforce for a green economy?</p>	yes [lower case]	

	Values: yes, no, na	<input type="checkbox"/> Are there measures to align primary and secondary education with emerging labor market needs due to climate change?		
policy_education_university	<p>This variable looks at whether the NDC includes education at the tertiary level (university, trade schools, community colleges, etc.). Only write 'yes' if tertiary school is explicitly listed.</p> <p>Values: yes, no, na</p>	<input type="checkbox"/> Does the NDC specifically mention tertiary educational institutions (universities, community colleges)? <input type="checkbox"/> Are there outlined policies or initiatives for integrating climate change and sustainability into tertiary education curricula? <input type="checkbox"/> Does the NDC address how tertiary education will adapt to the changing labor market demands due to climate transitions? <input type="checkbox"/> Are there partnerships or collaborations with tertiary institutions for research and development in sustainable technologies and practices?	yes [lower case]	
policy_justtransition_abstract	<p>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.</p>	<input type="checkbox"/> Does the NDC mention the term "Just Transition" or equivalent concepts? <input type="checkbox"/> Are there any policies or mentions of adapting labor markets in response to climate change?	yes [lower case]	

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

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

	(comma-separated)	<input type="checkbox"/> Tourism <input type="checkbox"/> Information and Communication Technology (ICT) <input type="checkbox"/> Chemicals and Materials <input type="checkbox"/> Green Services <input type="checkbox"/> Other. SPECIFY.		
policy_justtransition_skill	<p>This variable assesses whether the Just Transition policy includes references to policies to develop workers' skills.</p> <p>Values: yes, no, na</p>	<input type="checkbox"/> Does the NDC outline policies for reviewing and adapting skills development to support transitioning to environmentally sustainable economies? <input type="checkbox"/> Does the NDC mention strategies for identifying and anticipating evolving skills needs, especially for green jobs? <input type="checkbox"/> 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	<p>ONLY IF policy_justtransition_skill==yes</p> <p>What sectors, if any, are listed as targets for (re)skilling?</p> <p>Values: string (comma-separated)</p>	<input type="checkbox"/> Renewable Energy <input type="checkbox"/> Energy Efficiency <input type="checkbox"/> Sustainable Transportation <input type="checkbox"/> Waste Management and Recycling <input type="checkbox"/> Agriculture <input type="checkbox"/> Forestry <input type="checkbox"/> Green Construction and	agriculture, manufacturing [lower case]	

		Retrofitting <input type="checkbox"/> Water Management <input type="checkbox"/> Green Manufacturing <input type="checkbox"/> Environmental Services and Conservation <input type="checkbox"/> Climate Change Adaptation and Mitigation <input type="checkbox"/> Information and Communication Technology (ICT) <input type="checkbox"/> 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	<input type="checkbox"/> Does the NDC include assessments of new or increased OSH risks due to climate change and the transition to green jobs? <input type="checkbox"/> Are there policies for adapting or developing OSH standards for new technologies and work processes related to the green economy? <input type="checkbox"/> Is there mention of promoting or enforcing OSH standards in line with international guidelines? <input type="checkbox"/> Are there strategies for incorporating OSH training and awareness in green jobs and sustainability certification programs?	yes [lower case]	<u>Remark:</u> 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_	This variable assesses	<input type="checkbox"/> Social Services: Providing	unemployment	

socprot	<p>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.</p> <p>Values: string (comma-separated)</p>	<p>essential social services such as child care, elderly care, and support services for people with disabilities.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Unemployment Benefits: Providing specific unemployment benefits, especially for workers from sectors heavily impacted by the transition, like coal mining or fossil fuel-based industries. <input type="checkbox"/> Retirement Security: Protecting and enhancing retirement security, especially for workers in industries undergoing major structural changes. <input type="checkbox"/> 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). <input type="checkbox"/> Support for Low-Income Households: Considering compensation for low-income households heavily affected by the costs of clean energy transition, particularly those 	benefits [lower case]	
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		<p>spending a higher proportion of their income on energy and related services. Mentions of cash or social transfers.</p> <p><input type="checkbox"/> Other. SPECIFY.</p>		
policy_justtransition_labor	<p>This variable evaluates if the NDC includes active labor market policies that facilitate the transition to environmentally sustainable economies.</p> <p>Values: yes, no, na</p>	<p><input type="checkbox"/> 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?</p> <p><input type="checkbox"/> Are there specific measures for unemployed or at-risk workers in sectors affected by environmental changes and environmental policy changes (including workforce re-deployment)?</p> <p><input type="checkbox"/> Are there initiatives for entrepreneurship opportunities in the green economy?</p> <p><input type="checkbox"/> Are measures discussed to facilitate formalization/mentions</p>	yes [lower case]	

		of the informal sector?		
policy_justtransition_rights	<p>This variable assesses whether the NDC respects, promotes, and realizes fundamental principles and rights at work in the context of the green transition.</p> <p>Values: string (comma-separated)</p>	<input type="checkbox"/> Human rights: mentions of human rights <input type="checkbox"/> 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_socdialogue	<p>This variable looks at the presence of policies promoting social dialogue and tripartism in the NDC, facilitating consensus on environmental sustainability and decent work.</p> <p>Values: yes, no, na</p>	<input type="checkbox"/> Does the NDC explicitly mention social dialogue or tripartism? <input type="checkbox"/> Are there clear references to collaboration with workers' groups, employers, and government bodies? <input type="checkbox"/> Are social partners actively involved in the formulation, implementation, and monitoring of national sustainable development policies? <input type="checkbox"/> Are there provisions for including environmental aspects in collective bargaining and agreements?	yes [lower case]	<u>Remark:</u> 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	<input type="checkbox"/> Women <input type="checkbox"/> Youth <input type="checkbox"/> Older Workers	women, indigenous groups [lower	<u>Remark:</u> targets included in a concept related to being

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

		<p>conduct/due diligence/corporate social responsibility/ESG?</p> <p><input type="checkbox"/> Entrepreneurship: Does the NDC include references to entrepreneurship development/support?</p> <p><input type="checkbox"/> Supply and value chains: Does the NDC include references to supply chains or value chains?</p>		
justtransition_dedicated_section	<p>ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0</p> <p>Values: yes, no, na</p>	Is there a section dedicated to the Just Transition?	yes [lower case]	
justtransition_follow_up	<p>ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0</p> <p>Values: yes, no, na</p>	Are there follow up/institutional arrangements beyond the NDC (eg. JT task force, JT strategy, fund)?	yes [lower case]	
justtransition_finance	<p>ONLY IF JT MENTIONED EXPLICITLY ie. justtransition_references > 0</p> <p>Values: string</p>	<p>Is there an explicit amount of resources allocated to the Just Transition?</p> <p>The string should contain the amount if specified with the currency in parentheses', 'not specified' or na</p>	1000000 (euros) [lower case]	
justtransition_international	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	<p>Number of explicit references of [decent work, decent job, decent jobs, good job, good jobs, quality job, quality jobs]</p> <p>Values: number</p>	3
justtransition_references	<p>[just transition, just energy transition, fair transition, inclusive transition]</p> <p>Values: number</p>	0
social_inclusion	<p>[social inclusion, social justice, social equity, non-discrimination, equal access opportunities, equal access opportunity, intersectionalities, intersectionality, discrimination, equitable distribution, equitable outcome]</p> <p>Values: string (comma-separated)</p>	discrimination [lower case]
organizations	<p>[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]</p> <p>Values: string (comma-separated)</p>	employers organization [lower case]