



# Just Transition – Check List

Secretariat

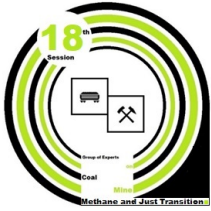
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# Transformation

## ENERGY

### Introduction

- **Modernization of the energy sector with a focus on the phasing down coal** and finding innovative solutions for industries that rely on it and constitute its “ecosystem”, e.g., steel, or cement **is necessary**.
- While it can be expected that **decarbonization efforts will create new opportunities** and employment across all economic sectors, **it will surely have also disruptive effects** on high-carbon regions and energy-intensive industries.
- Energy sectors subject to the decarbonization process are likely to experience a significant systemic change resulting in the **loss of many jobs linked to conventional energy production** and the creation of others in the domain of clean energy.
- Such a shift will have an **enormous impact on those social strata**, the wellbeing of which has been over the last decades associated with the existence and prosperity of legacy industries.
- **Policies focused on alleviating the expected social shocks** and providing protective measures for the affected communities **must be developed** in an inclusive manner and implemented gradually as the transition progresses.

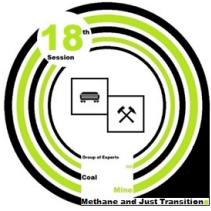


# Transformation

## ENERGY

### Situation in the ECE Region

- **Energy transitions are occurring throughout the ECE region at different rates** depending on the subregional economic and political response to the need to decarbonize.
- **In some parts** of the ECE region, **coal extraction and use is** for the time being **expected to continue** as member States have to balance their environmental efforts with the need to secure reliable and affordable energy supply and the necessity to maintain social peace.
- However, despite the fact that extraction of coal and other fossil fuels in the ECE region is not forecast to stop in the foreseeable future, **the transition is already taking place** and that process is likely to become more widespread as alternative modes of energy production are introduced, industrial consumption of coal diminishes, and substitutes for coal in chemical and industrial processes are developed.



## Statement of the problem

- **Just transition** is a complex, complicated and long-term process. It **needs a starting point, and its progress is determined by the interplay of various factors** that either push it forward or hold it back.
- Even though nowadays just transition has become a subject that is at the centre of hundreds of projects and publications produced by countless organizations and activists, **the concept still remains relatively vague**, as the process of socially-sensitive, environmentally-friendly, and economically-viable systemic transformation towards green economy has not been yet structured to the extent that would allow for its repeated successful application in varying circumstances.
- In that context, the **Group of Experts proposes a project on mapping just transition efforts around the world to identify factors that either support, disturb, or prevent the beginning of the process or its progress.**
- See document: **ECE/ENERGY/GE.4/2023/7 - Just Transition - the check list**



## Project proposal

- The goal of the project is to **assess the situation in various coal mining regions** across the world **and identify the elements that are necessary to enable the start and progress of transition**. It aims to build an understanding of why in certain places just transition is not advancing at all and identify the conditions that are either inhibiting or could foster such change.
- The project would focus on selected coal mining regions around the world and **collect data** from each one of them. It would seek to **develop detailed economic, energy, environmental, and social characteristics of the selected regions**.
- The project would **explore what transformative steps** towards green energy (whether regulatory, technological, organizational, economic, or political) **have already taken place** in the selected localities.



## Expected outcomes

- **Improve capacity** of the selected regions that lag behind **to plan and execute the transition**;
- **Provide policy and regulatory recommendations** for targeted regions;
- **Develop a GIS** (geographic information system) **map characterising the selected regions** in terms of their readiness and potential for just transition.



## Next steps

- The Group of Experts encourages its members to help the secretariat to **identify potential sources of funding for the project and to provide any possible assistance in mobilizing them.**
- The Group of Experts on Coal Mine Methane and Just Transition invites partners and sponsors to **provide feedback on the presented concept, as well as to engage with the Group on refining it, developing a full-scale fundable project proposal, and executing the project** in the selected beneficiary countries.



ENERGY



# Contact

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# Thank you!

