



Pathways for high-carbon workers

Positive transition from high-carbon to low-carbon or other employment.

Substitution

Elimination

No long-term future unless technology moves it towards 'Redefinition'.

Same work becomes low-carbon through technological innovation.

Redefinition

Displacement

Negative transition where jobs move outside EU but activity continues.

The purpose of this tool is to aid policy makers comprehend the future of high-carbon workers, regions and sectors. It can also be applied to nation states. The main pathways are:

Substitution: A positive transition in which high-carbon activities are substituted by low-carbon

alternatives.

Redefinition: Activities remain the same but production process is altered to remove greenhouse

gas impacts.

Elimination: Activities are non-compliant with a 2 degress world and will either close down or be

redefined through technological innovation.

Displacement: Activities continue but production is moved outside EU. This is to be avoided.

This tool was produced based on analysis by Annabella Rosemberg, 'Building a Just Transition: The linkages between climate change and employment', International Journal of Labour Research, vol 2, Issue 2 (2010).