

The logo for IDDRI, consisting of the letters 'IDDRI' in a bold, sans-serif font. The 'I' and 'D' are red, while the 'D', 'D', 'R', and 'I' are grey.The logo for Climate Strategies, featuring a green stylized leaf icon to the left of the text 'Climate Strategies' in a grey, sans-serif font.

Coal Transitions – Overview of Lessons Learnt and Best Practices

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26 February 2018

- 1) HISTORIC LOOK AT COAL PHASE OUT AND INDUSTRIAL TRANSFORMATION EXPERIENCE: Poland, Czech Rep, UK, Spain, Netherlands, US + synthesis report
- 2) GLOBAL COAL MODELLING: impacts of global coal market on various coal transitions scenarios
- 3) COUNTRY TRANSITION SCENARIOS/PATHWAYS: for Australia, China, Germany, India, Poland, South Africa; compatible with 2C, GDP neutral
- 4) STAKEHOLDER ENGAGEMENT: in-country and int'l

June 2018



- TRANSITIONS ARE HAPPENING ALREADY and mainly for NON-CLIMATE POLICY REASONS:
 - Poland: due to economic of hard coal and lignite production;
 - USA: due to automation and gas & renewables advances;
 - China: due to air quality and structural economic change;
 - India: due to water shortages;
- Managing Transitions is not about MITIGATING DAMAGE BUT SEIZEING OPPORTUNITY TO MAKE THEM MORE SUSTAINABLE AND JUST
- Compared to BAU, active transition management is in THE BEST INTEREST OF STAKEHOLDERS

INSIGHTS ON STRUCTURAL TRANSFORMATION: ALTERNATIVE ECONOMIC ACTIVITY

- ANTICIPATE to allow other sectors to develop
- DIVERSIFY through related diversification and smart specialisation, e.g.:
 - Energy infrastructure: Develop energy intensives and biomass plants;
 - Land: Develop tourist attractions;
 - Port infrastructure: Develop alternative trading hubs;
 - Non-coal industries: Support innovation clusters
- INVEST in new public services, like universities, industrial research, even military training but also basic infrastructure

- STRUCTURAL CHANGES TAKE TIME & WHEN ECONOMICS TAKES OVER, **SUSTAINABLE STRATEGY IS NO LONGER POSSIBLE**
- COAL AND INDUSTRIAL TRANSITIONS ARE ABOUT **AN ALTERNATIVE VISION FOR THE FUTURE** AND NOT JUST AN IMMEDIATE “JUST TRANSITION”
- GOVERNMENTS NEED TO BE **HONEST** ABOUT THE **END OF UNABATED COAL**:
 - Set in law concrete time horizons;
 - Earmark necessary funds;
 - Commit to support alternative energy sources and industrial vision;
 - Convene stakeholder dialogues

YOUR RESOURCE

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ANNEX: Transition Strategies to Support Workers

Level of Support

STRONG

LIMITED

Transition Strategies To Support Workers							
	Strategy	UK	Poland	Czech Republic	Spain	US	Netherlands
Compensation or grandfathering (backward-looking)	Compensation for Losing the Job/Golden handshakes	X	X	X	X		
	Incentives for Early Retirement		X	X	X		
	Welfare Allowance for Voluntary Redundancy	X	X				
	Transitional Payments					X	
	Compensation for Lost Earnings			X			X
Structural adjustment assistance (forward-looking, narrow)	Retraining Programs for ex-miners	X	X	X	X	X	X
	Specific Retraining for younger generations						X
	Help for finding a new Job			X			X
	Regional Transport Allowances			X			X
	Reallocation Incentives				X		
Adaptive support (forward-looking, broad)	Setting up Alternative Industry					X	X
	Provision of Infrastructure				X		
	Support for Business Projects				X		