DEVELOPING HUMAN CAPITAL FOR A JUST ENERGY TRANSITION IN CENTRAL ASIA

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# The World Bank View of Just Transition

## Pillar 1: Institutional Governance
- **Phase 1: Pre-Closure Planning (10-18 months)**
  - Strengthen policies, institutions, inclusive processes, and build vision for macro-economic & socio-economic transformations.
- **Phase 2: Closure (2+ years)**
  - Coordinating closure/decommissioning activities between enterprise and agencies.
- **Phase 3: Regional Transition (10+ years)**
  - Special Purpose Entity coordinating transition project implementation, managing funding sources.

## Pillar 2: People and Communities
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  - Pre-layoff social protection assessments & planning, labor profiles, user-needs.
  - Social assistance to workers & communities, re-skilling, Active Labor Market Policies.
  - Longer term re-skilling, education, Active Labor Market policies, preparing workers for Future Jobs.

## Pillar 3: Environmental Reclamation and Re-purposing Land & Assets
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  - Assessing land & assets, preparing for reclamation and re-purposing, resourcing ENV remediation costs.
  - Implementation of appropriate technical standards, transfer of assets, mitigation of methane.
  - ENV remediation of select land & assets by private/public sector, re-permitting and repurposing for private investors to sustain regional transformation.

## Funding Sources
- Grants, Reimbursable Advisory Services (RAS), and initial MPA or small IPF concessional lending.
- Grants, RAS, MPA including other MDBs and/or bilateral development agencies.
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WHAT IS NEEDED FOR THE FUTURE AND TRANSITION TO FUTURE ECONOMIES?

- Reskilled labor
- Advanced learning and research
- Technicians that manage automation
- Education for future professions
RAPID DEVELOPMENTS IN GLOBAL TECHNOLOGY SUPPORTS COLLABORATION AND EDUCATIONAL SYSTEM NETWORKING

• Easy and reliable communication systems
• Virtual Reality
• Artificial intelligence
THANK YOU!

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