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INTERGOVERNMENTAL FORUM  
on Mining, Minerals, Metals and  
Sustainable Development



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PROTECTION AGENCY



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# IMAGINING THE FUTURE OF MINING: MAPPING AND CONSIDERING GENDER IMPACTS, GAPS & POLICY RESPONSES TO SUPPORT PROGRESS ON THE SDGs

Geneva, 16 October 2018





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## **UYANGA GANKHUYAG** MODERATOR

Policy Advisor, Economist, Extractive Sector,  
UNDP Regional Hub, Bangkok

# ENVIRONMENTAL GOVERNANCE PROGRAMME 2015-2019

## Integrating Human Rights into the Governance of the Mining Sector



- **Environmental Governance of Sustainable Natural Resource Management in the Mining Sector Programme (EGP)**
- Integrating Environment and Human Rights into the Governance of the Mining Sector
- Provides targeted support to mineral rich nations:  
**Colombia, Kenya, Mongolia, and Mozambique.**
- Strengthen knowledge sharing, exchange of innovative policy approaches.



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# OUR WORK ON GENDER & WHY WE ARE HOSTING THIS SESSION

- In partnership with target countries, we conduct **diagnostics** that inform policy reforms
- Mining affects men and women differently; policy and governance responses affect women and men differently
- Current development of a governance tool or checklist for gender,
- This links to SDG 5 & others: mining can contribute to closing the gender gap through addressing equal pay and opportunity, gender violence and other asymmetric impacts

## Major Issue Areas for Mining and the SDGs





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# OUR GOALS TODAY

## 1. Mapping and Considering Gender Impacts & Gaps

What gender impacts of mining are most significant, which ones are most challenging to tackle and why?

## 2. Applying – Learning from gov't delegates

What has been learned from your experiences about policies to decrease harms and increase the potential for social and economic benefits for women affected by the extractive industries?

## 3. Imagining the future of mining

How can governments plan and consider how to check their progress on gender impacts, while the industry is changing?



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## INTRODUCING “LIGHTNING TALK” PRESENTERS



**CHRISTOPHER SHELDON** – *Practice Manager for Extractives Energy and Extractives Global Practice, World Bank*



**REBECCA IWERKS** - *Director of Capacity Development, Natural Resource Governance Institute*



# THE FUTURE OF MINING

## IMPLICATIONS FOR REDUCING GENDER GAPS IN MINING

IGF-UNDP ANNUAL GENERAL MEETING

*IMAGINING THE FUTURE OF MINING: MAPPING AND  
CONSIDERING GENDER IMPACTS, GAPS AND POLICY  
RESPONSES TO SUPPORT PROGRESS ON THE SDGs*

Christopher Sheldon | Practice Manager  
Energy and Extractives Global Practice  
World Bank Group

# World Bank Group Gender Strategy FY2016 – FY2023

*Improve  
Human  
Endowment:  
Social, Health,  
and Social  
Protection*

*Remove  
Constraints for  
More and  
Better Jobs*

*Remove  
Barriers to  
Ownership and  
Control of  
Productive  
Assets*

*Enhance  
Women's Voice  
and Agency  
and Engaging  
Men and Boys*





## The Growing Role of Minerals and Metals for a Low Carbon Future

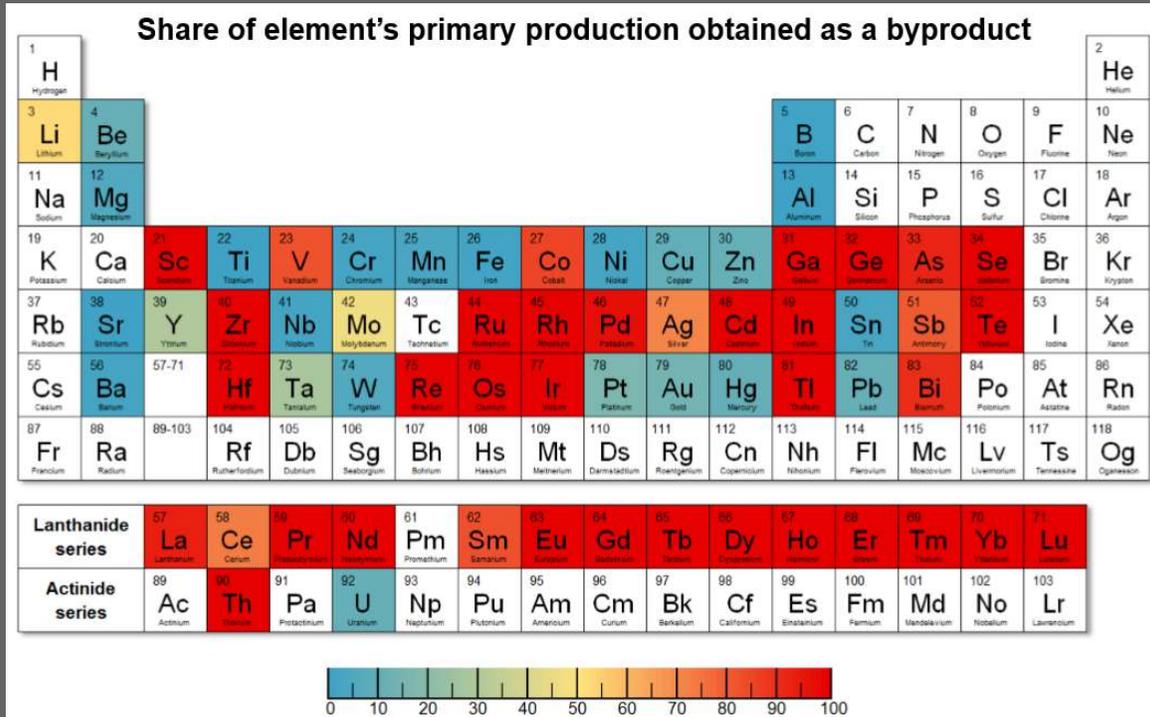


June 2017

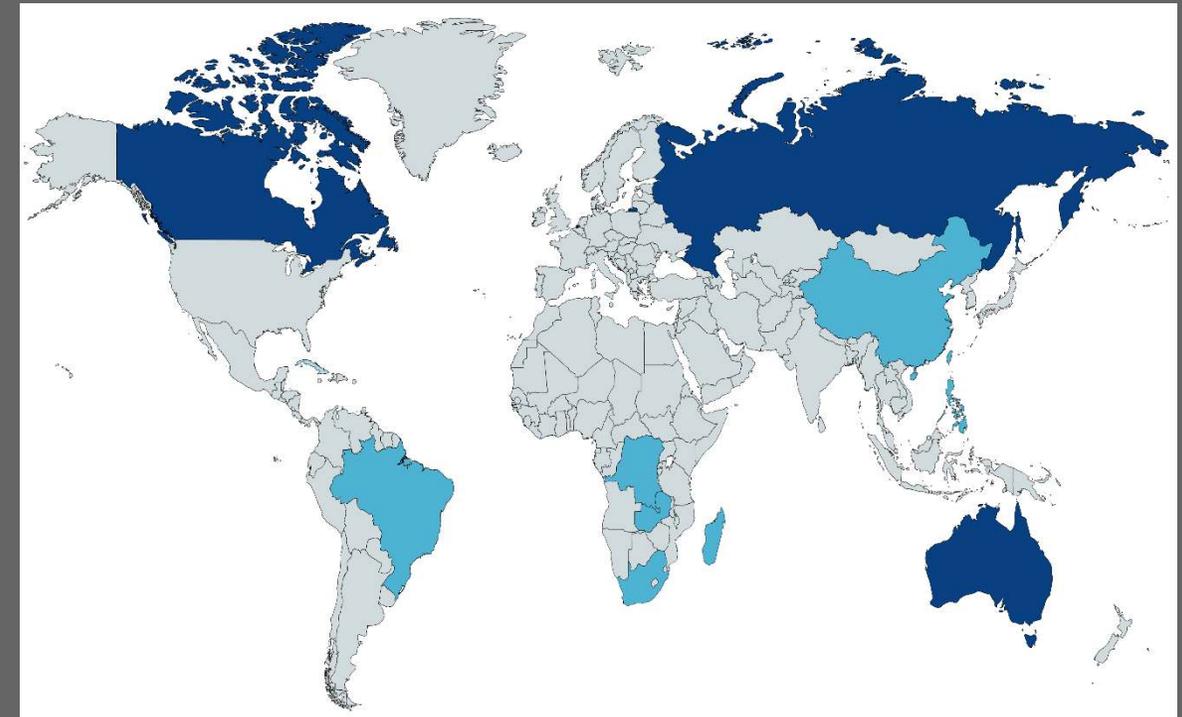
# Minerals for A Low Carbon Economy

*Many mineral commodities required for emerging technologies are recovered only as byproducts*

*Developing countries share of cobalt production and reserves are 75% and 68% respectively*



Source: United States Geological Survey (USGS)

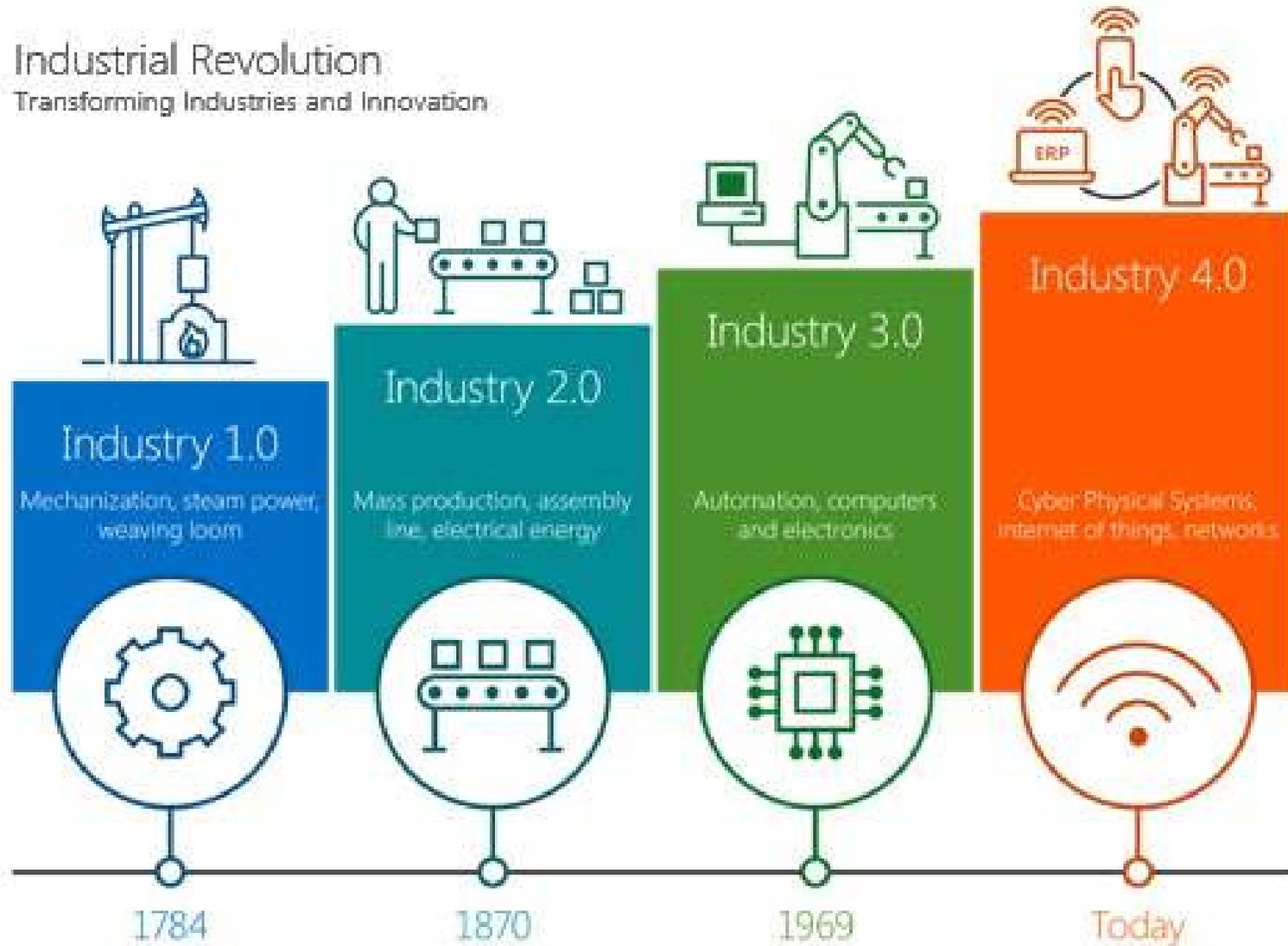


Source: World Bank Illustration using USGS Data



# Industrial Revolution

Transforming Industries and Innovation





**KOMATSU**



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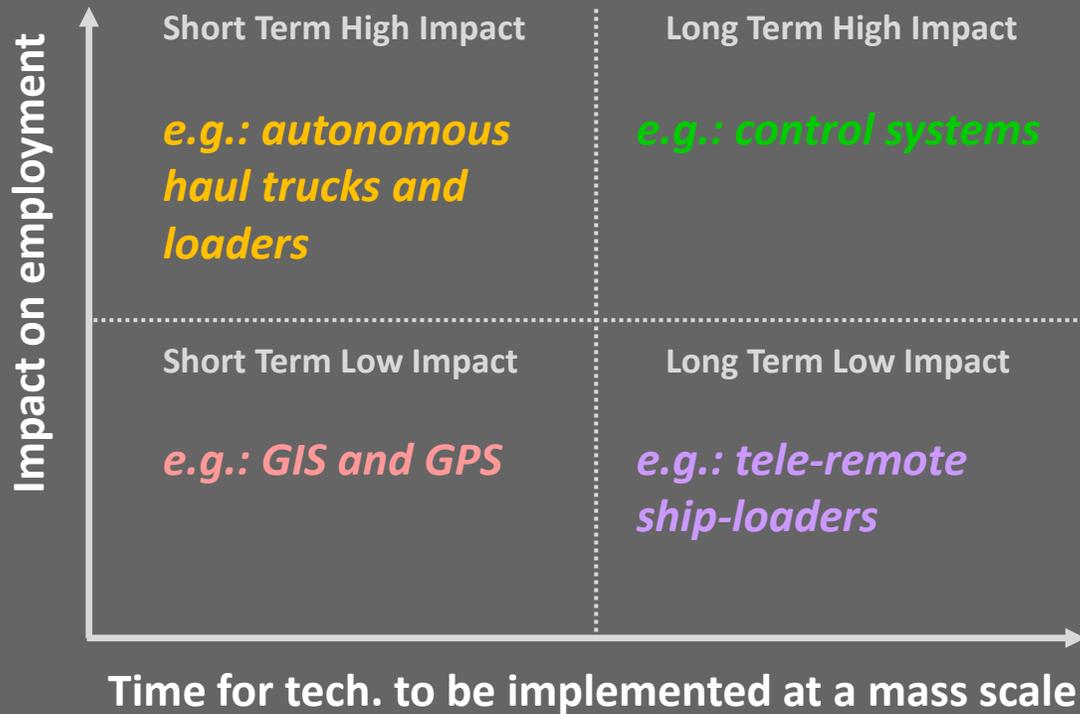
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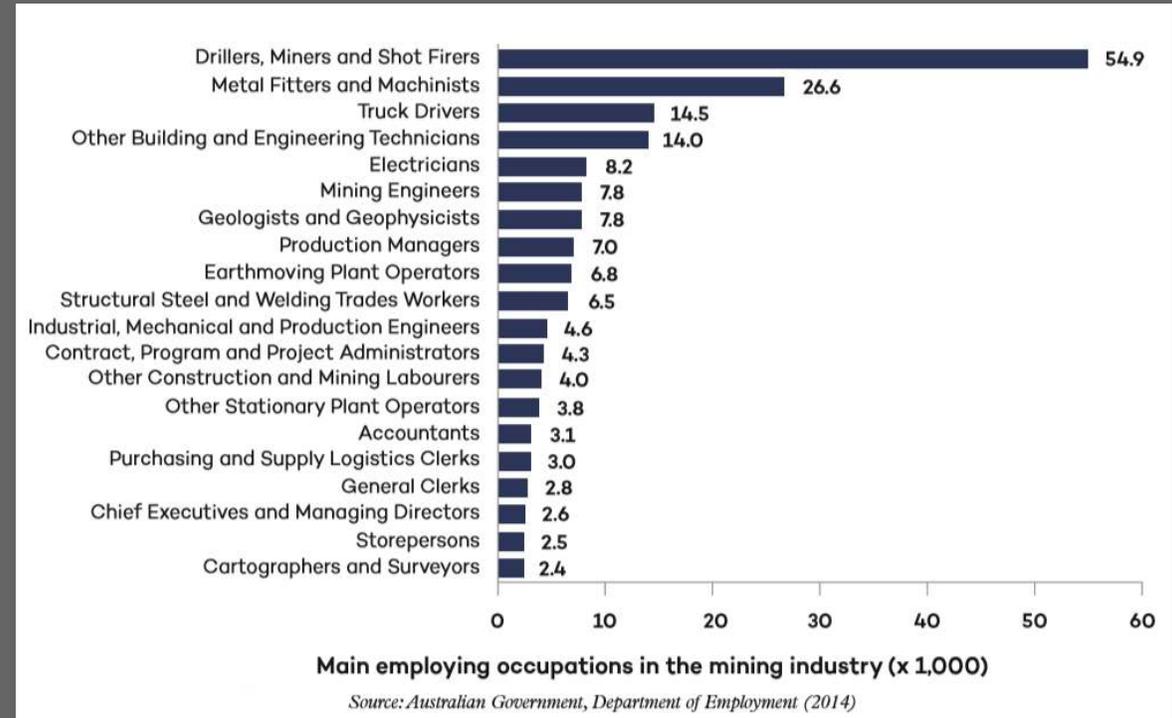
2

*Roles will be created in development, observation, servicing and remotely controlled systems*



*Source: World Bank Illustration using IISD data*

*Automation will reduce the number of operational jobs in areas such as drilling, blasting, driving, etc.*



*Source: IISD and Columbia Center on Sustainable Investment*



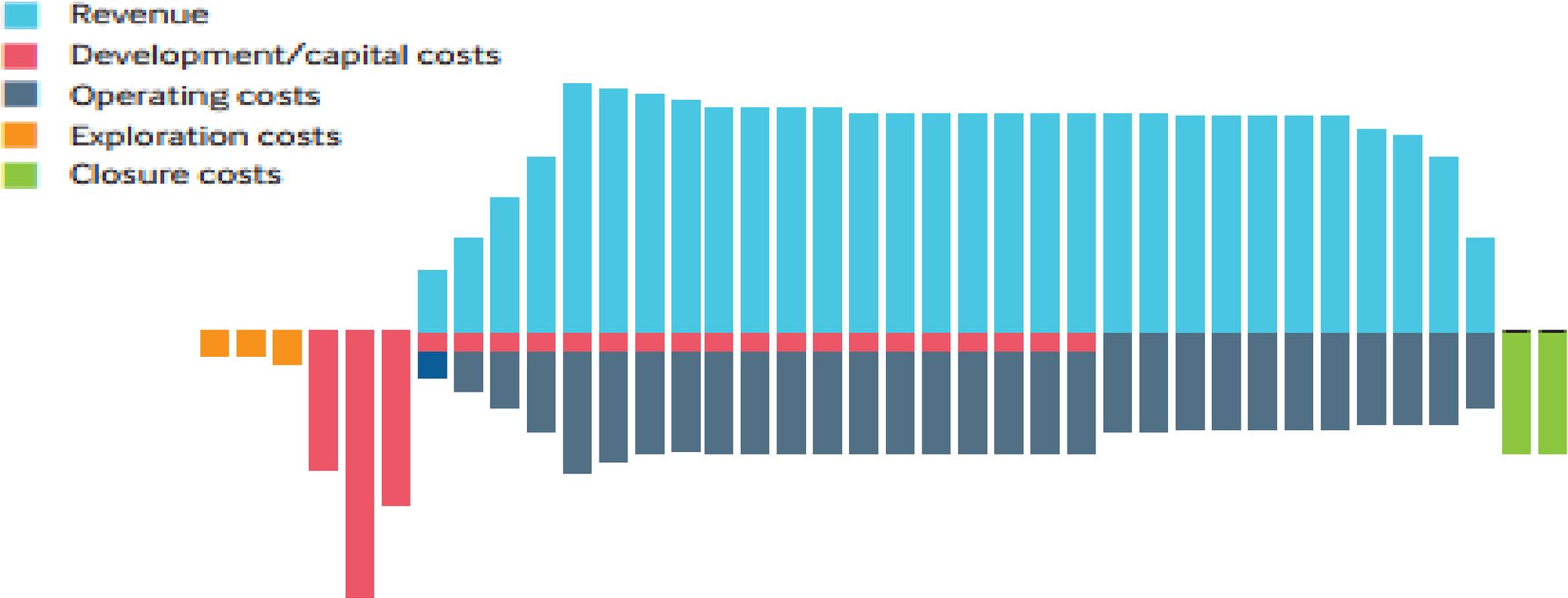
**Thank You**

Christopher Sheldon | Practice Manager  
Energy and Extractives Global Practice  
World Bank Group  
[csheldon@worldbank.org](mailto:csheldon@worldbank.org)

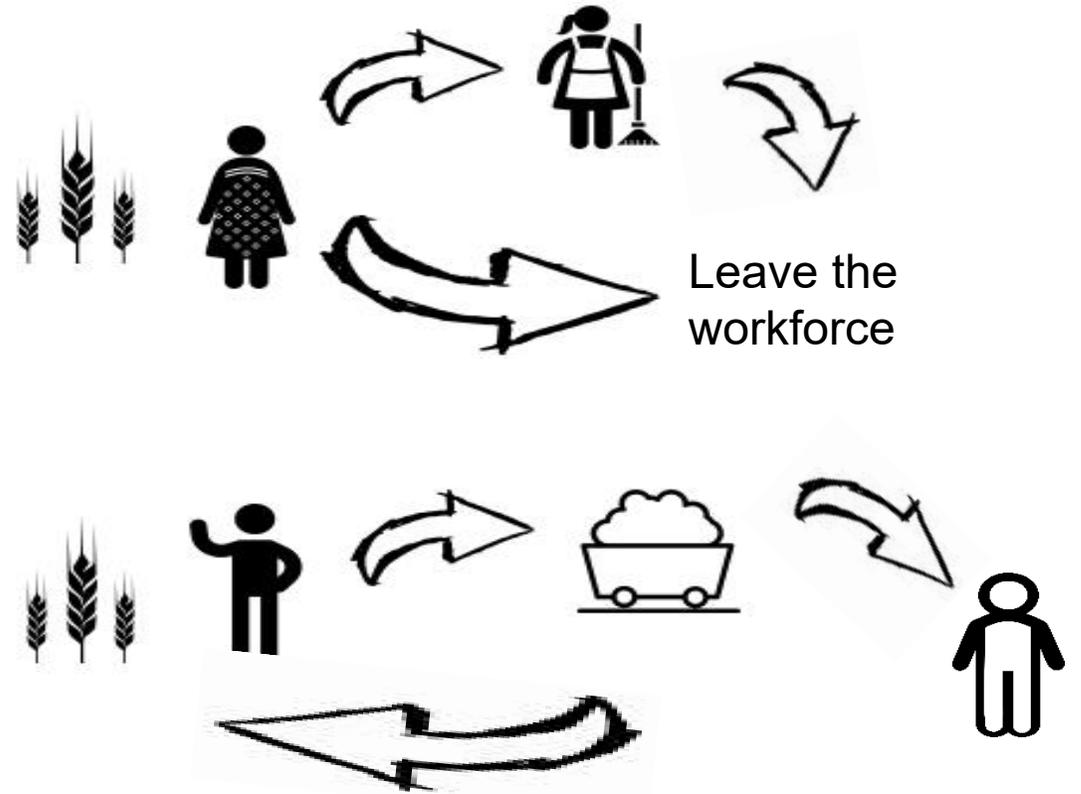
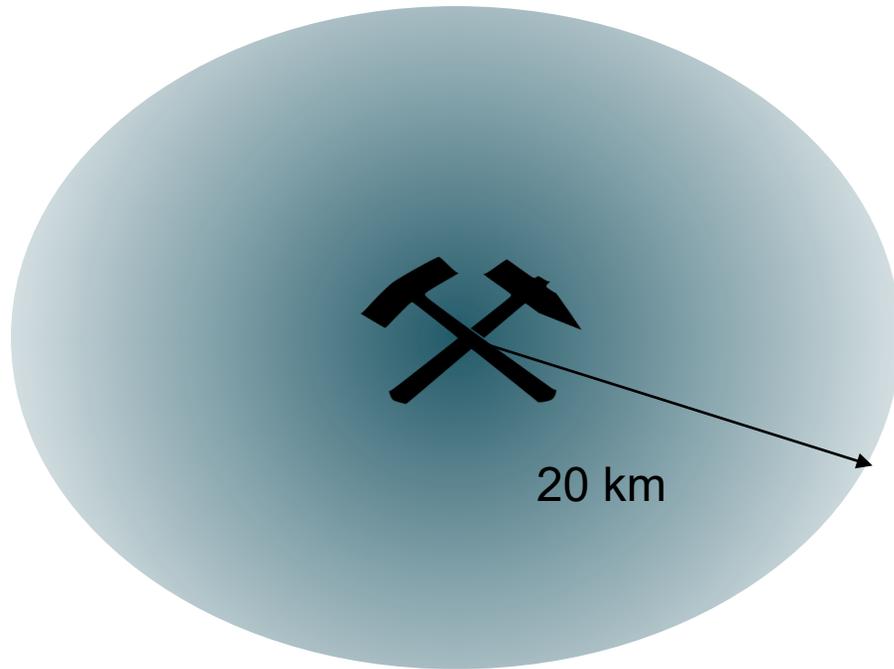
# Imagining the Future of Mining – Mapping and Considering Gender Impacts, Gaps, & Policy Responses to Support Progress on the SDGs.

Rebecca Iwerks  
UNDP - IGF Annual Meeting  
2018

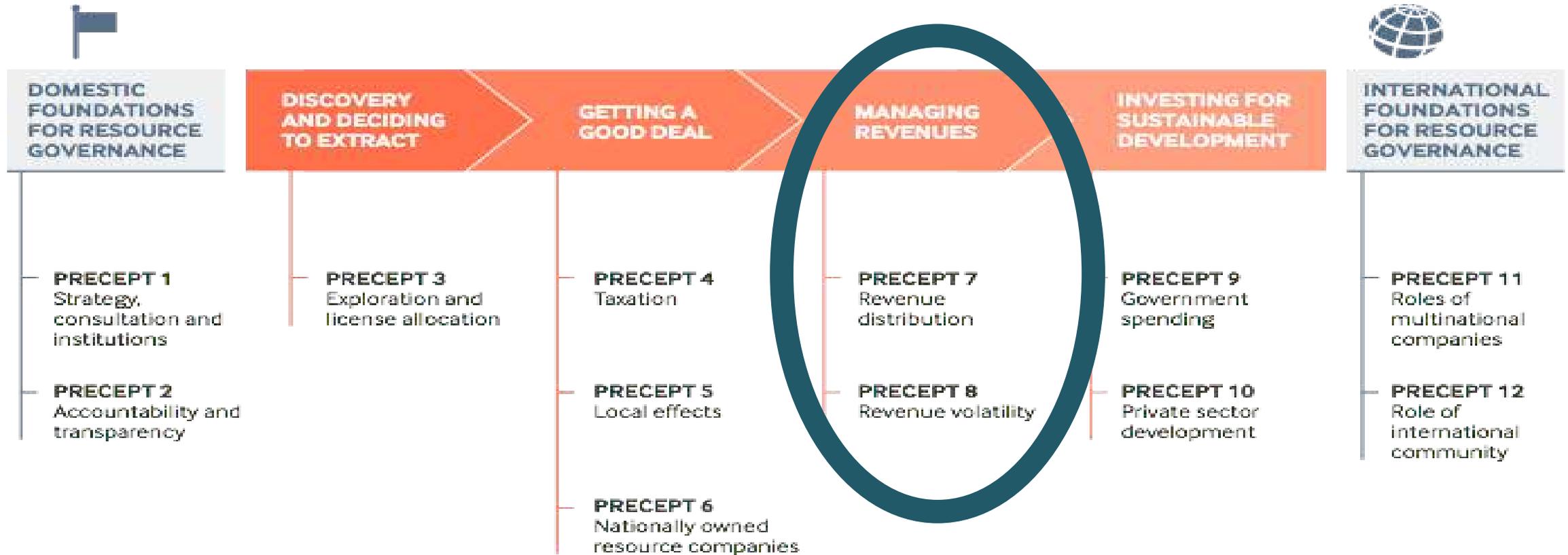
# When are men and women impacted differently?



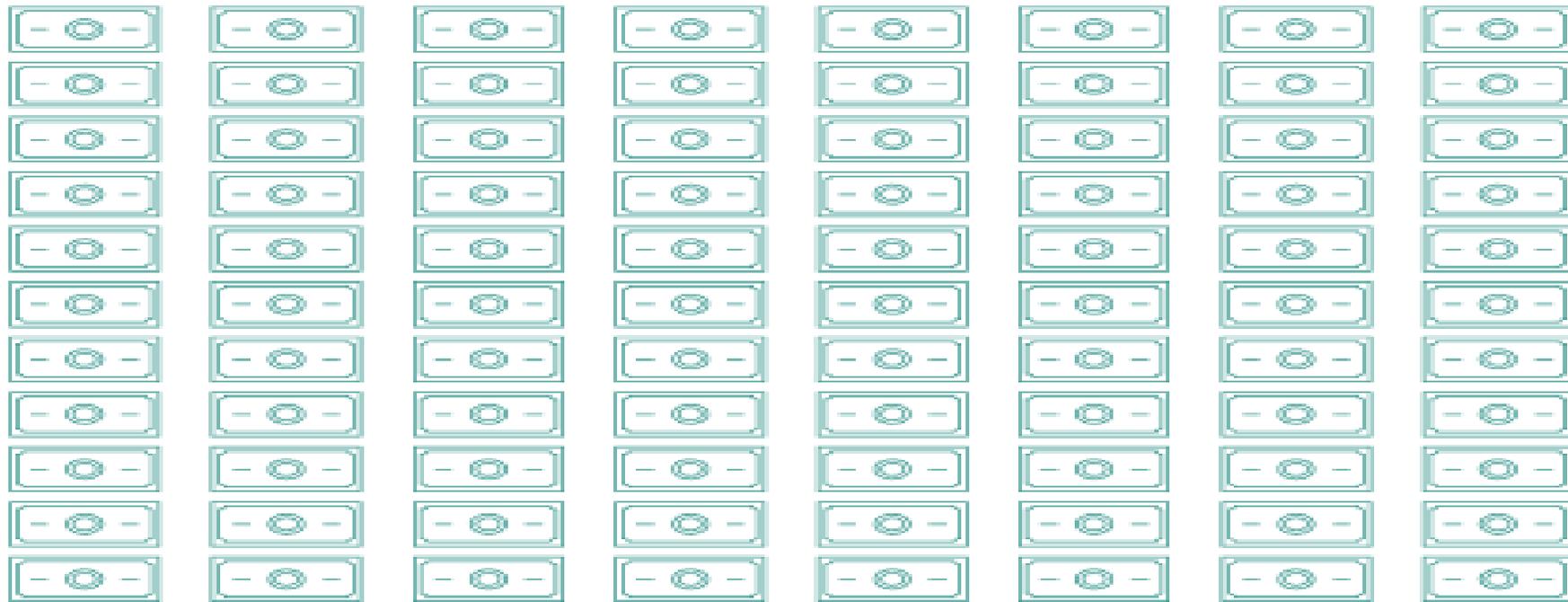
# Example: Local labor shifts



# When are men and women impacted differently?

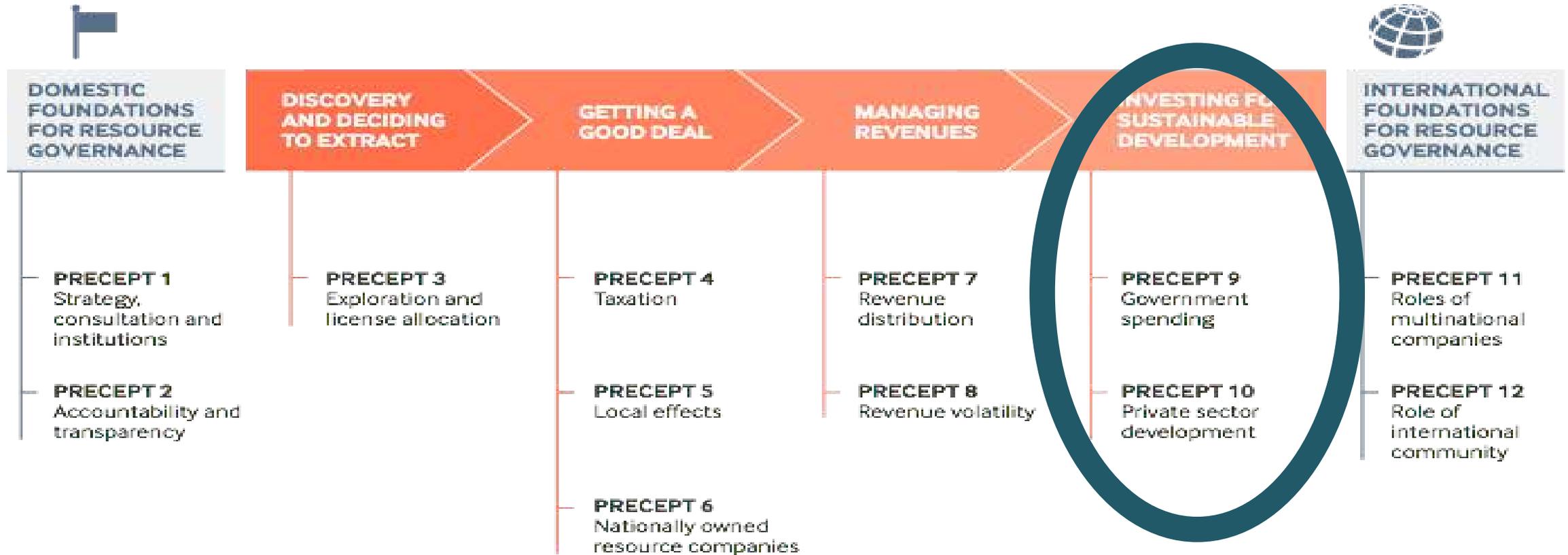


# Example: Government Spending



National health spending decreases.  
And so does the project implementation...

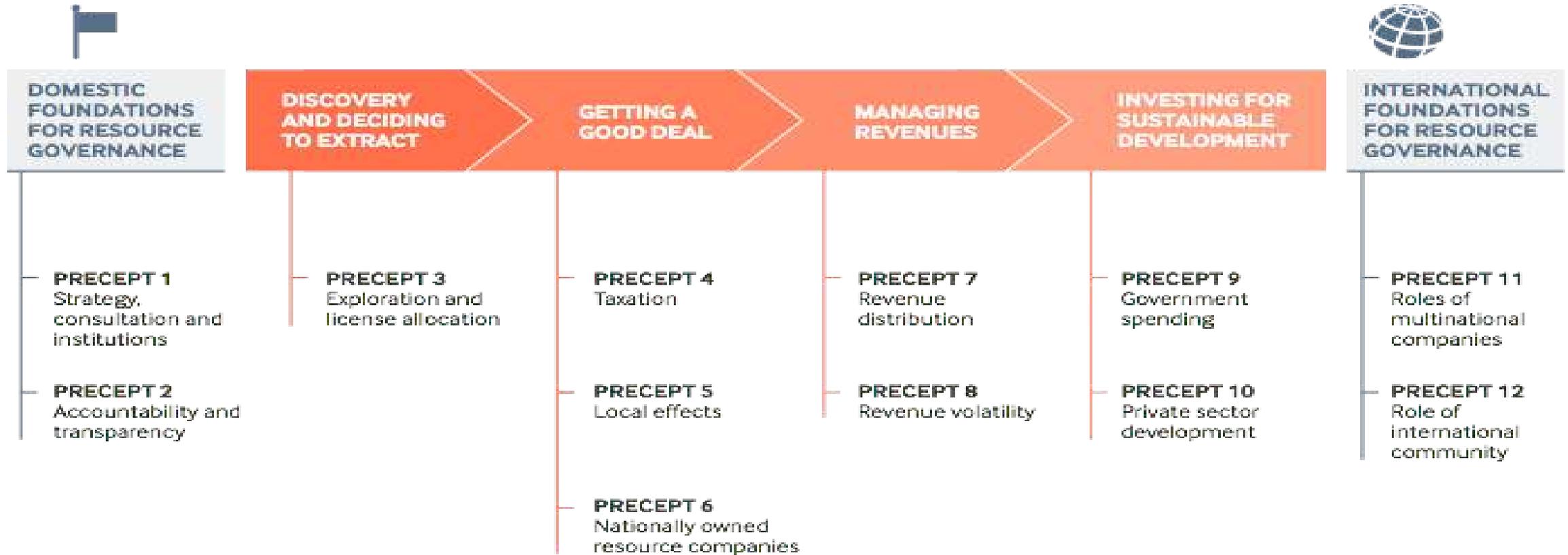
# When are men and women impacted differently?



# Example: Diversification



# What information do we need?



Gender disaggregated data

Data with gender impact

Gender disseminated data

# What information do we need?



## Gender disaggregated data

<ul style="list-style-type: none"> <li>-Tenure mapping</li> <li>-Compensation distribution</li> <li>-Consultation participation</li> </ul>	<ul style="list-style-type: none"> <li>-Social &amp; Environ. Impacts</li> <li>-Local content beneficiaries</li> <li>-Corporate social spending</li> <li>-SOE spending</li> </ul>		<ul style="list-style-type: none"> <li>-Budget &amp; Spending</li> <li>-Economic diversification</li> </ul>
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## Data with gender impact

<ul style="list-style-type: none"> <li>-Process of licensing</li> <li>-Timing of operations obligations and reporting</li> </ul>	<ul style="list-style-type: none"> <li>-Types of tax tools</li> <li>-Structure and roles of SOE</li> <li>-Contracts</li> </ul>	<ul style="list-style-type: none"> <li>-Fiscal rules</li> <li>-Revenue distribution (including revenue sharing)</li> </ul>	<ul style="list-style-type: none"> <li>-Types of tax tools</li> <li>-Structure and roles of SOE</li> <li>-Contracts</li> </ul>
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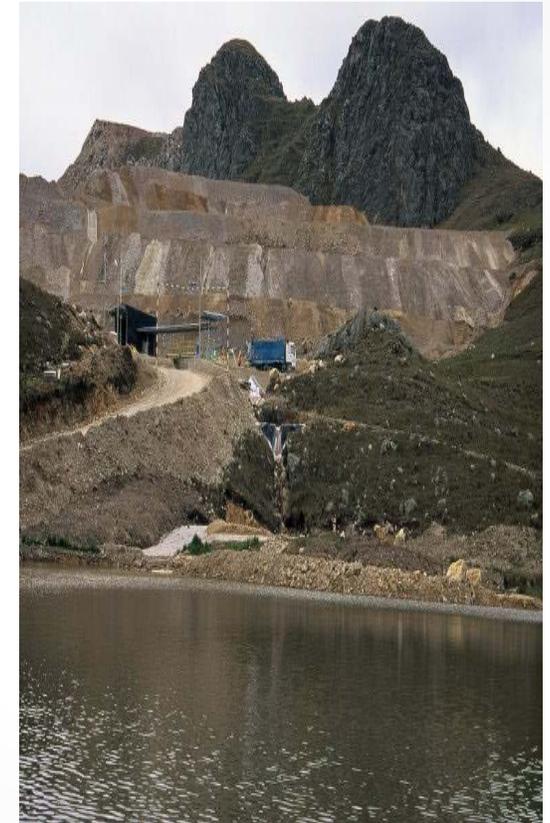
# LEARNING FROM COUNTY EXPERIENCES

*INSIGHTS FROM PERU*



**MS. TERESA MACAYO  
MARIN**

Director General of  
Environmental  
Affairs, Ministry of  
Mining, Peru





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# INTERACTIVE PORTION OF OUR SESSION



**SARAH DAITCH**

*FACILITATOR*

Conflict Prevention  
Consultant &  
Facilitator,  
Extractives Industries,  
UNDP



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# INTERACTIVE PORTION OF SESSION

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# WITH YOUR COLLEAGUES: MAP AND CONSIDER GENDER GAPS & IMPACTS



Tables work  
stations are  
numbered



10 gender impact and gap cards to  
be discussed and prioritized



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## INTERACTIVE PORTION: MAPPING AND CONSIDERING GENDER GAPS & IMPACTS



After group discussion, pin gender cards in order of priority onto your results board

<b>1</b>	<b>2</b>	<b>3</b>	
<b>4</b>	<b>5</b>	<b>6</b>	
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>

Pin gender cards in order of priority, highest priority upper left corner, lowest priority bottom right corner



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## BEGIN YOUR MAPPING!



Tables work  
stations are  
numbered



10 gender impact and gap cards are  
to be discussed and prioritized



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# TAKE A PHOTO OF YOUR GENDER IMPACTS & GAPS MAP



Table Chairs: take a photo of your pin board with your phone

At end of session, email to [sarah.daitch@undp.org](mailto:sarah.daitch@undp.org)



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# CONSIDERING YOUR GENDER MAP: IMPLICATIONS

## EN:

- (1) On your gender impacts & gaps map, what is the most difficult gender gap to address?
- (2) Of the issues on your map, what is the best place to start forming a policy response?

## SP:

- (1) En tu mapa de impactos y brechas de género, ¿cuál es la brecha de género más difícil de abordar?
- (2) ¿Cuál es el mejor lugar (de los asuntos en tu mapa) para comenzar a formular medidas de política pública?

## FR:

- (1) Sur votre carte d'impacts et de disparités entre les genres, quel est selon vous le plus difficile à traiter?
- (2) En choisissant parmi les problèmes sur votre carte, quel est le meilleur endroit pour commencer à formuler une réponse politique?



**KOMATSU**

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# IMAGINING THE FUTURE OF MINING: CONSIDERING GENDER

## EN:

- (1) How do these changes affect what policy response you would take
- (2) Does it change what you selected as the most pressing gender impact?

## SP:

- (1) ¿Cómo afectan estos cambios a las medidas de política pública que tomarías?
- (2) ¿Cambia esto lo que seleccionaste como impacto de género más urgente?

## FR:

- (1) De quelle façon ces changements affectent-ils le type de politiques que vous mettriez en place?
- (2) Cela affecte-t-il votre décision quant à l'enjeu le plus urgent sur la situation des femmes?



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## CLOSING QUESTION: WRITE ON THE RESPONSE CARD

### EN:

- (1) What surprised you about something you heard or discussed in this session about responding to gender impacts?
- (2) What is one question that a government can ask itself in order to check its progress as it implements policy responses to gender impacts and gaps from mining?

### FR:

- (1) Pouvez-vous identifier une chose que vous avez entendue ou discutée lors de cette session qui vous a particulièrement surpris?
- (2) Quelle question devrait se poser un gouvernement afin d'évaluer les progrès lors de l'implémentation d'une politique s'adressant aux impacts du secteur minier sur les femmes?

### SP:

- (1) ¿Qué te ha sorprendido de lo que has oído o conversado en esta sesión sobre las respuestas a los impactos y brechas de género?
- (2) ¿Qué pregunta puede hacerse el gobierno para comprobar su progreso en la implementación de medidas de política pública en relación a los impactos de género de la minería?





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# CLOSING & THANK YOU

