

NEW TECH, NEW DEAL

RE-ENVISIONING
SHARED VALUE
FOR THE MINE
OF THE FUTURE



IGF

INTERGOVERNMENTAL FORUM
on Mining, Minerals, Metals and
Sustainable Development

ABOUT

Disruptions and technological innovation are fundamentally changing the face of the mining industry, reshaping competitive dynamics or completely altering business and operating models.

For the mining industry, automation is arguably greener and safer. Mine sites will have lower greenhouse gas emissions, will have

fewer workplace accidents and will be more efficient with cheaper running costs.

But automation impacts low- and mid-level skilled jobs, and resource-rich countries will see a significant drop in employment per unit of value. These decreases in direct employment will affect countries in a number of ways.



Fewer jobs in the communities adjacent to mining activity



Lower local spending on food and housing



Lower government tax receipts from employees



Potential for labour unrest and political instability

On the positive side, the development and roll out of new technologies has many benefits worth pursuing.

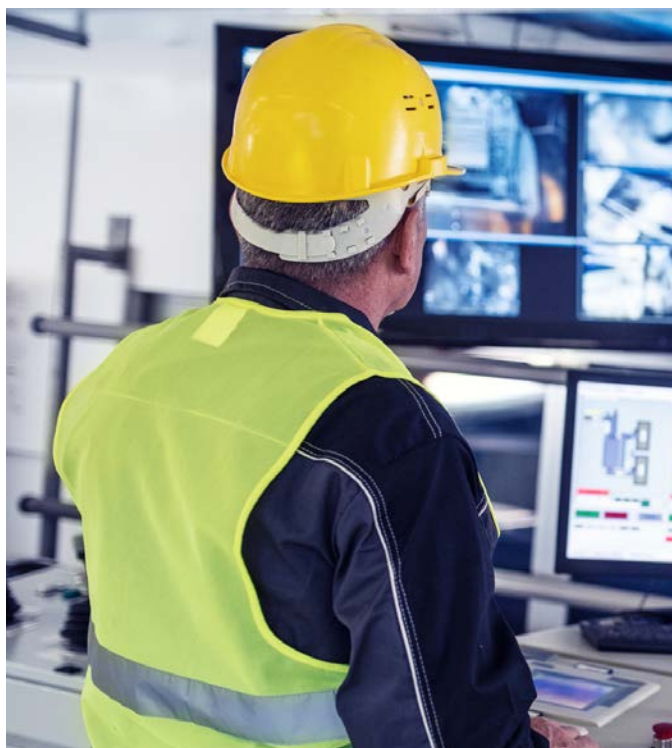


Increased competitiveness and viability of operations



Increased health and safety of workers

But the question remains: if the implicit “deal” between mining companies and host countries is thrown off balance by reductions in employment, local procurement and the associated GDP contributions, how can that balance be restored?



OUR WORK

The *New Tech, New Deal* Project is looking for answers to that critical question. The Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF), in partnership with the Columbia Center for Sustainable Investment (CCSI) and Mining Shared Value, is extending our 2017 *Mining*

a Mirage study to evaluate the speed and nature of the coming changes, as well as their economic, social and political impacts. And we are assessing ways forward that will allow mining investment to continue to serve as an engine of sustainable development for host countries and communities.



Engaging with IGF membership



Stakeholder meetings



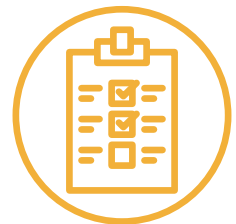
Crowdsourcing ideas and information



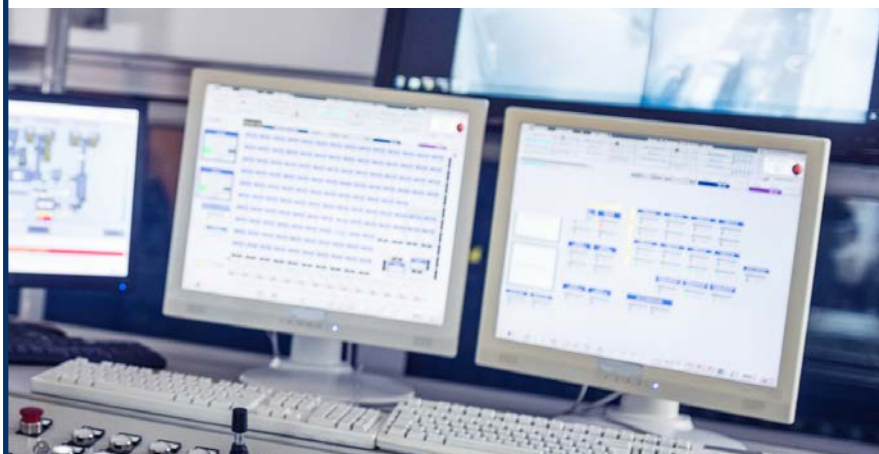
A roundtable of experts



Regional dialogues



In-country consultations



A final report will launch in March 2020.



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