

## What is proposed?

- 2.78 million tonnes of coal a year until 2049 = approx. 64 million tonnes total
- 0.34 million tonnes of methane
- 200 million tonnes of CO<sub>2</sub>

## You still need coal in electric arc furnaces (EAF)

- Other sources of carbon are possible to completely exclude coal use, using the same infrastructure

## We need the coal for UK steel making

- Almost all the coal would be exported
- Both the UK's major steelworks – at Port Talbot and Scunthorpe – will close coal-based blast furnaces soon
- Plenty of scope to increase UK-based recycling

## The coal would be high quality

- Coal from Whitehaven is high in sulphur
- Sulphur causes acid rain most likely to be sold to Turkey with lower pollution standards

## We need the coal for power stations

- The coal is destined for foreign steelworks, not power stations

## You can't make steel without coal

- Already 9% of steel is made by Direct Reduction which doesn't need to use coal
- Direct Reduction can use hydrogen (or fossil fuels, inc. coal)
- 4 UK steelworks recycle scrap steel in electric arc furnaces
- The 2 steelworks with blast furnaces using large amounts of coal are the UK's 2nd and 3rd biggest single site emitters of CO<sub>2</sub>
- Both have agreed to convert to electric arc furnaces and stop using coal within the next few years

## You can't always use recycled steel

- In construction steel is often over-supplied by as much as 50%
- Can use far less steel to build the same amount of things
- Need to employ engineers rather than excess steel
- Steel as part of the circular economy, reducing use, reusing it before recycling
- Volvo and Porche are demanding green steel for their cars

## It would be a carbon-neutral mine

- Coal mines are not carbon-neutral
- It would release methane and carbon dioxide
- Coal which is mined will be burnt in addition to that mined in other countries
- The IPCC says that we can't be net-zero by 2050 if we open any more fossil fuel sites
- The carbon offsetting company that West Cumbria Mining Ltd wanted to use don't want to be involved in this type of project

## Contamination in proposed area

- The Marchon Bank Chemical works was closed in 2005
- Was largest single-site producer of sulphuric acid in Europe
- Chemicals have left a toxic legacy
- Removing large concrete pads locking in the contamination at the site, this presents a risk of airborne toxins
- Hundreds of new houses built around the northern and eastern perimeters of the site

## We need the jobs

- The high tech mine is likely to mainly employ miners from Australia initially
- Unionised green jobs can be created in Whitehaven with the right government support
- A Just Transition for Cumbria is crucial
- Put community at the heart of decisions and workers are leading their industries

## It's a local mining company

- West Cumbria Mining Ltd is 81% owned by EMR Capital
- EMR Capital is a private equity investment fund with offices in Australia, the Cayman Islands tax haven, and Singapore

## Mining is our heritage

- We can be proud of our mining heritage and want a different future

## The methane will be captured

- Earliest this would be is 5 years after the mine started
- The majority of this highly potent greenhouse gas is released when the mine is first created.

## Outsiders a can't tell us what to do

- People in the surrounding areas are also against the mine
- Climate change affects us all

## There's nothing that can be done to stop it

- There is not a coal mine on this site. There is still everything to play for

## They only want to dump nuclear waste

- EMR Capital already extracts minerals at other sites
- There's money to be made from coal
- After coal mining nuclear dumping may happen

## A coal mine needs insurance

- If there is no insurance then there is no coal mine
- Investors won't put money into a project which doesn't have insurance

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## Proposed West Cumbria coal mine savvy A6 pocket resource

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### More details

- [www.coalaction.org.uk/west-cumbria-mine/](http://www.coalaction.org.uk/west-cumbria-mine/)
- <https://slacc.org.uk>
- <https://www.cacctu.org.uk/climatejobs>

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