



Cost of Clean Energy: Channels of Justice

Episode References

Intro Music

The Future Ancient Now, Nathan Moore

<https://www.youtube.com/watch?v=Utyopp5mDgs>

Soundbites

00:42 Its said that if it isn't grown its mined, and our demand for minerals and precious metals

Golden Productions, Nevada Mining Episode 2, (Oct 31, 2018).

<https://www.youtube.com/watch?v=hUcrKHgglRk>

00:48 April 25th 1998. In... Iznacoya Andalucia the dam for the collecting basin breaks. Highy toxic mud, a byproduct of copper product, floods the valley for up to 60km. threatening to destroy a nature reserve. Cultivation has stopped here ever since.

DW News: Spain, Concerns about copper mining, (Aug 3 2019).

<https://www.youtube.com/watch?v=KTqhH1HNDuA> (0:44)

One of Spain's biggest environmental catastrophes happened in a copper mine just a few km upstream.

DW News: Spain, Concerns about copper mining, (Aug 3 2019).

<https://www.youtube.com/watch?v=KTqhH1HNDuA> (00:00)

00:55 There's a history of mines going out of business and then not being able to clean up the messes that they've made during the mining process

Golden Productions, Nevada Mining Episode 2, (Oct 31, 2018).

<https://www.youtube.com/watch?v=hUcrKHgglRk> (9:11)



02:03 Initially they told us we had to care for the environment, the glaciers, but then we went up into the mountain. They even used dynamite. Now we even have to drink water from the containers the government brings because there is no guarantee that the water isn't contaminated

Al Jazeera English, Chile mining giant accused of poisoning water

<https://www.youtube.com/watch?v=jTxEzYEIz2g> (00:25)

02:17 There's a trade off you're sucking that water from mountains, from meadows, from springs, from the humble river, you're sucking all that to fill those pits and then you're denying nature and those other areas, or if you're a farmer and seeing your well because of that, you're denying all that

Golden Productions, Nevada Mining Episode 2, (Oct 31, 2018).

<https://www.youtube.com/watch?v=hUcrKHgglRk> (10:58)

02:42 Opposition has been strong, sustained and vocal. They worry about toxic effects on air, water and the soil. The company says green technologies will limit damage. One campaigner says that's not enough. "Its like dropping a nuclear bomb on that area. It will be a huge hole and tailings piles 800 feet high".

Source no longer available

04:55 From the air the haunting beauty of these mountains in Papua New Guinea convey a message of foreboding, a message of warning. When some of the first white men explored the area they described it as undoubtedly the end of the world. Yet some 70 years ago, a Dutch army officer gave it the unlikely but prophetic name of 'the Star Mountains'. For on top of a steep and slipper peak, lies one of the world's largest deposits of gold and copper. The project is called Ok Tedi

The Ok Tedi project area is located...a large but sparsely populated area of Papua New Guinea...An area characterised by... (6:04)

Ok Tedi Mining, Ok Tedi Documentary

<https://www.youtube.com/watch?v=EmdOTaD96e0> (3:17)



12:07 Water for aboriginal people is crucial for obviously survival but also for identity part of language, and lore...When I got a ceremony with senior elder men, we talk about water, we talk about sun, we talk about all these things...

BBC News, Feb 14, 2017

<https://www.youtube.com/watch?v=vtLkYp4bUX0>

17:37 Many areas across Indonesia suffer from lack of clean water.....the people of west Java had to travel far and wide to get adequate water for their needs

World Bank, March 27 2014

<https://www.youtube.com/watch?v=tNKWDrcSqHY>

17:55 mining sites pollute the air and contribute to global warming.....in Chile and Argentina water shortages already exist in many mining areas....Beyond pollution and drought...

Source no longer available

18:14 He belongs to the Koya indigenous community that lives in the northern province... “It worries us that they want to start lithium production here but we wont allow that to happen. We will resist. The salt flats are our life...”

Source no longer available

24:10 Music

Xylo-Zika – Djerba

<https://freemusicarchive.org/music/Metre/recreational>

25:35 Copper mining is Zambia’s most important economic sector

Peter Sinkamba Fights For People Affected By Copper Mining In Zambia |Eco@Africa|, Channels Television, Sept 24, 2017

<https://www.youtube.com/watch?v=DPdBIQ9jw>



Mining companies are very powerful and environmental concerns are extremely difficult to address

Peter Sinkamba Fights For People Affected By Copper Mining In Zambia |Eco@Africa|, Channels Television, Sept 24, 2017

<https://www.youtube.com/watch?v=DPdBIIdyQ9jw> (02:05)

25:43 these residents are among hundreds of people who are faced with serious challenges in accessing clean water supply and sanitation. The majority of these residents are poor and apart from...

Creating access to safe and clean water in Zambia, Habitat for Humanity

<https://www.youtube.com/watch?v=02HiLPtfjiE> (00:40)

26:00 these can cause acid rain, soil erosion and crop damage. Tests have shown highly elevated concentrations of dissolved copper and cobalt.

Source no longer available

26:21 Butondo is located in Zambia's copper mining belt...dust and poisonous fumes are making people sick. "What we mainly fear are chest problems..."

Peter Sinkamba Fights For People Affected By Copper Mining In Zambia |Eco@Africa|, Channels Television, Sept 24, 2017

<https://www.youtube.com/watch?v=DPdBIIdyQ9jw> (00:56)

26:56 Mining Giant Vedanta resources has agreed to settle claims by Zambian villagers. Villagers filed a claim in London in 2015 against Konkola Copper Mines alleging that effluent from its Chngola mine was responsible for polluting water sources and land. The claimants, which included 643 children, say the toxic discharge affected the health of communities neighbouring the mine as well as farming and fishing activities. Vedanta did not admit liability. The financial details were not disclosed.

Vedanta to compensate Zambian villagers for polluting their water, Africa News, Jan 19 2021

https://www.youtube.com/watch?v=fAE0iO_sc6c



34:50 In environmental management act we do have a number of environmental orders for a facility that is not meeting standards. Basically orders...

Kalumbila Mine Documentary - Some Best Mining Practices,
Zambia Environmental Management Agency, Aug 23 2017

<https://www.youtube.com/watch?v=niQsZXPSqPg>

38:00 french loi de vigilance (Je crois profondément que l'état de droit...)

Loi sur le devoir de vigilance des multinationales - Vote définitif, Dominique Poitier, Feb 23, 2017

<https://www.youtube.com/watch?v=4oLuw0wpUDI>

38:10 Ugandan farmer says she is still fighting for compensation for land that was taken over a decade ago for tapping the country's oil wealth

Ugandans Cry Foul Over Displacements from Oil Pipeline to Tanzania
Voice of America, Sept 29, 2020

<https://www.youtube.com/watch?v=lqBYbulaANc>

This is the first case under a new French law which requires large corporations to make sure proper care and attention is paid to the local population and environment

Al Jazeera English, French oil giant Total faces lawsuit over violations in Uganda, Jan 30, 2020

<https://www.youtube.com/watch?v=iecl2vdMOE0>