



# The Copper Flat Project

## Sierra County, NM

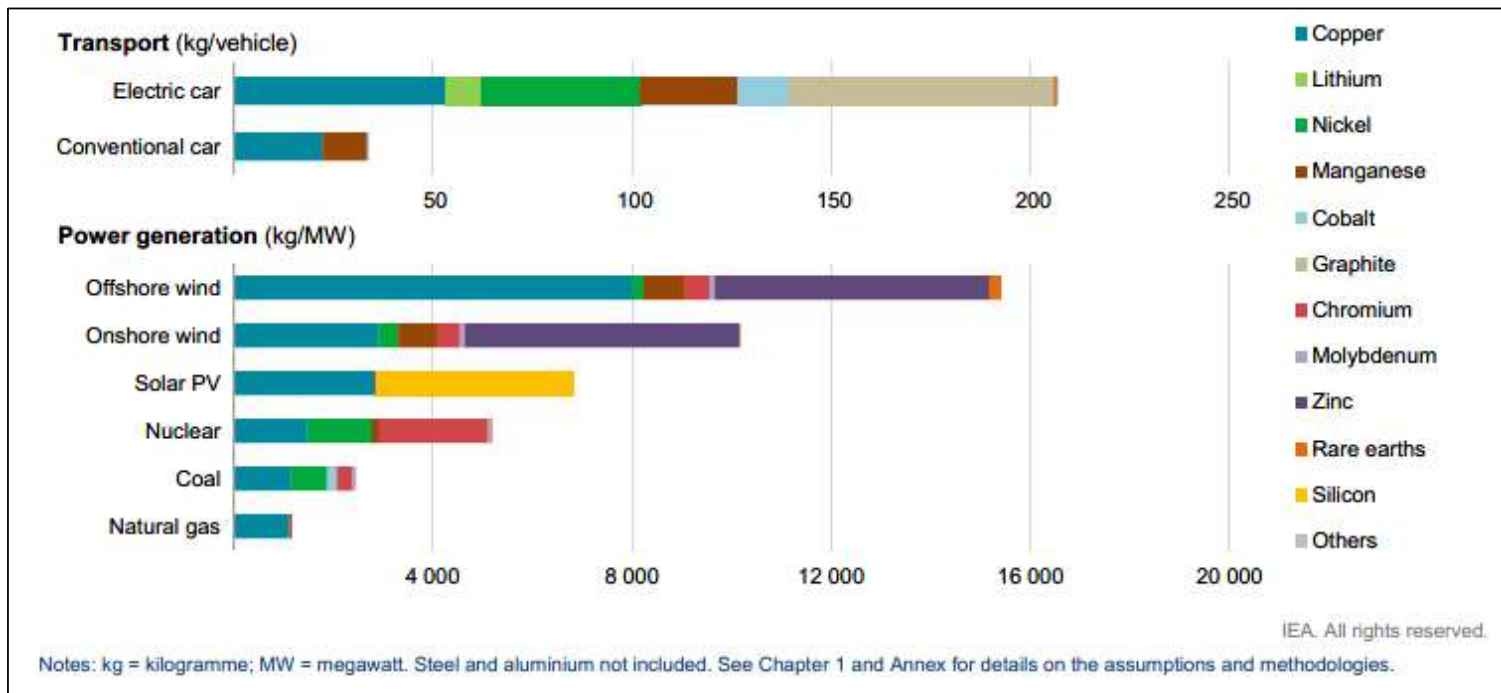
Strategic Materials for Renewable Energy



*Options for  
Renewable  
Energy are  
Changing the  
Resource  
Needs of  
Society*

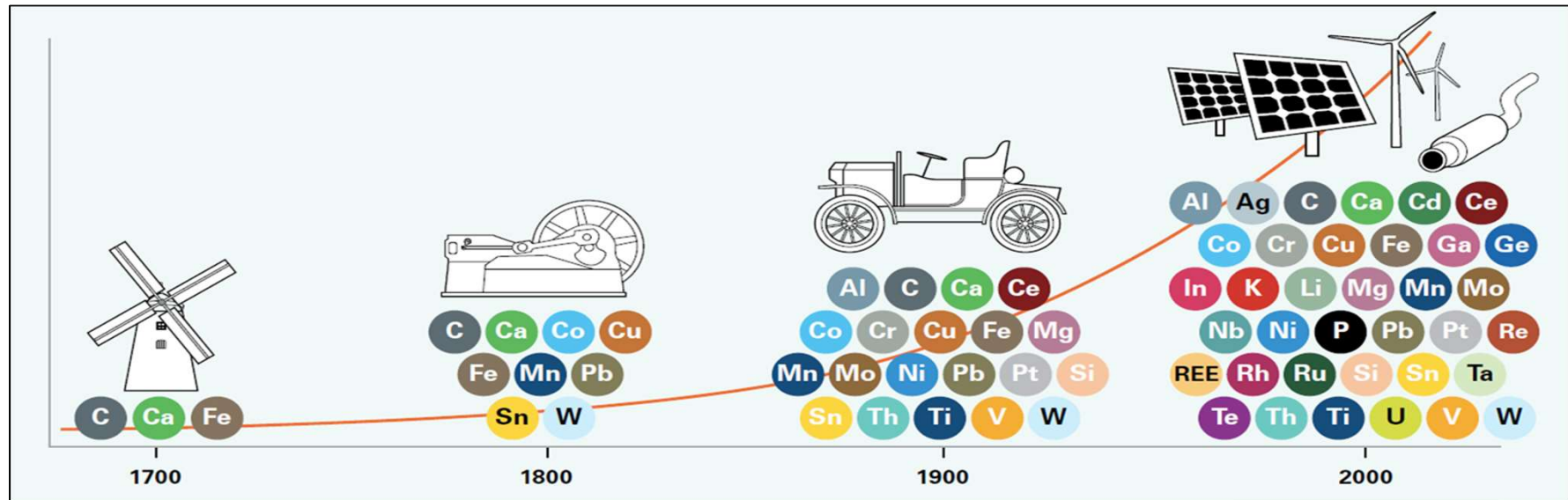


# Demand Driven by New Technologies



Source: IEA (2021), *The Role of Critical Minerals in Clean Energy Transitions*, IEA, Paris <https://www.iea.org/reports/the-role-of-critical-minerals-in-clean-energy-transitions>

# *Increasing Range of Materials Needed*



Source: Achzet et al (2009)

- ✓ Copper Flat provides Copper (Cu); Molybdenum (Mo); Silver (Ag); Gold (Au)

# Copper Flat Project

- ❖ New Mexico Copper Corporation's (NMCC) Copper Flat Project is in Sierra County, New Mexico. The project site is approximately 20 miles southwest of Truth or Consequences on the state highway to Silver City, NM.
- ❖ The project area is a brownfield site having produced minerals since the late-1800s.
- ❖ NMCC will produce high quality metal concentrates that contain significant quantities of copper, molybdenum, gold, and silver, all of which are used in renewable energy and other technologies.



# Copper Flat Project

- ❖ Environmental and planning studies of the NMCC Project have been ongoing since 2010. Environmental studies, cultural reviews, operation and reclamation plans, and economic studies have been prepared.
- ❖ Permitting the Project began in 2012 and the Project has received several key approvals, including air quality and groundwater discharge permits from NMED.
- ❖ The Company is currently focused on obtaining water for the operation and completing requirements for a key permit from the Mines and Minerals Division of the NMEMNRD.



# Copper Flat Project

- ❖ Copper Flat is a mature project that is near the end of the Federal and State permitting pipeline. The project team has worked closely with state and federal regulators on the completion of environmental studies and designs.
- ❖ Copper Flat is a brownfield site and is not in or near areas of critical habitat or wild and scenic rivers, wilderness, or wilderness study areas.
- ❖ Copper Flat is a viable, domestic source of minerals crucial for the supply of renewable energy and other new technologies.





# Copper Flat Project

- ❖ Project plans and designs incorporate best management practices for the use and conservation of water. 65-75% of the water used at Copper Flat will be recycled.
- ❖ The Company has signed a water lease with a private owner and has applied for a temporary transfer for use at Copper Flat. A hearing by OSE on the transfer application is pending.
- ❖ The Company signed a second water lease with the Jicarilla Apache Nation for temporary use of Nation's surface water rights. The Jicarilla water will be released into the Rio Grande to offset potential effects of the Project on river flow.



# Copper Flat Project

- ❖ The Copper Flat Project will bring 270 full-time, high-paying jobs to Sierra County.
- ❖ Offering a wide range of administration, technical, and skilled labor positions with training to maximize opportunity for the local workforce.
- ❖ In total, it is projected that NMCC will spend \$45 million in Sierra County.
- ❖ Economic benefits will extend to the entire state
  - ❖ Investing more than \$400 million in initial capital
  - ❖ Creation of 1,300 construction jobs



# Copper Flat Project

- The Copper Flat Project is a major investment into the New Mexico economy, investing more than \$400 million in initial capital that will create 1,300 construction jobs and 270 full time employees.

COMPANY	INDUSTRY	CAPEX	EMPLOYEES
Intel <sup>1</sup>	Semiconductors	\$3,500 M	700
<b>Copper Flat Project<sup>2</sup></b>	<b>Natural Resources</b>	<b>\$415 M</b>	<b>270</b>
Bright Green Corp <sup>1</sup>	Cannabis	\$300 M	200
Amazon <sup>3</sup>	E-Commerce	\$190 M	1,000
Netflix ABQ Studios Expansion <sup>1</sup>	Film Production	\$150 M	1,000
NBC Universal <sup>1</sup>	Film Production	\$500 M (over 10 yrs)	330

[1] Source: NMPartnership.com

[2] Source: Internal data, includes investment made to-date

[3] Source: Albuquerque Journal



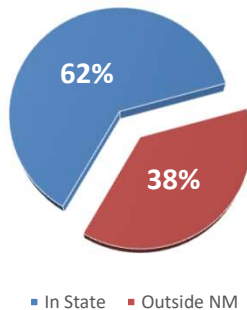
# Copper Flat Project

**New Mexico Copper has Already Invested \$61 Million To Date<sup>1</sup>**

**\$38 million (62%) Directed to New Mexico**

<sup>1</sup> through December 31, 2021

\$61 Million Invested in Project



Sierra County	\$6	Million
Albuquerque & Santa Fe	\$17	million
Rest of State	\$15	million
Total NM	\$38	million

Property Acquisition; Agency Fees; Salaries; Rent & Utilities; Vehicle Fuel & Maintenance;  
Used for: Property Taxes; Professional, Technical & Business Services; Contractors; Hotels and Meals;  
Donations



# Copper Flat Project

## Environmental Protection

- ❖ Water Conservation: 65-75% of the water used at Copper Flat will be recycled.
- ❖ Water Quality: All process facilities, pipelines, and impoundments will be lined and contained to prevent process solution contact with surface and groundwater. Cleanup existing sources of water quality degradation left from past operations.
- ❖ Air Quality: Control of dust, fume, and emissions are included in the project designs.
- ❖ Wildlife: Wildlife exclusion and offsite enhancement are included in the project plans.
- ❖ Soils and Vegetation: Soils for revegetation will be removed and stockpiled for reclamation. Erosion control is included in project designs.
- ❖ Cultural Resources: Site surveys have been completed and agreement regarding resource protection has been reached with BLM, State Historic Preservation Office, and Native American Groups.



# Copper Flat Project

## Current Focus

- ❖ Water Supply
- ❖ Financial Assurance of Reclamation/Closure
- ❖ Mines and Minerals Permit





# Thank you

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