

URANIUM

UNLOCKING TOMORROW'S INNOVATIONS

Uranium is a **DENSE, FLEXIBLE** and **NATURALLY RADIOACTIVE** mineral. In fact, uranium was the element responsible for the discovery of radioactivity in the late 1800s, which has led to modern advancements in medical technology, agricultural processes and electric power systems.

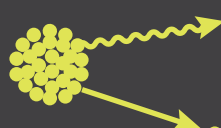
Today, most uranium is used in the **production of nuclear energy**, helping us meet our diverse energy demands.



dense



flexible



radioactive

HOW ELSE IS URANIUM USED?

Besides uranium's function in nuclear energy, uranium is the mineral behind scientific breakthroughs in numerous sectors and responsible for many modern-day products.

X-RAY TECHNOLOGY



MRI TECHNOLOGY



MEDICAL RESEARCH AND DISCOVERY



MEDICAL ADVANCEMENTS

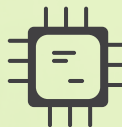
Since its discovery, uranium has played a key role in medical advancements, such as X-rays, MRIs and radiation treatments. Furthermore, it has led to the development of cures and treatments for various diseases and cancers.

HIGH-TECH APPLICATIONS

Uranium is used in the production of a wide array of high-tech applications, from military and computer technologies to even modern agriculture and food sterilizing processes.



MILITARY DEFENSE SYSTEMS



HIGH-TECH COMPUTER CHIPS



HOME PROTECTION TECHNOLOGIES

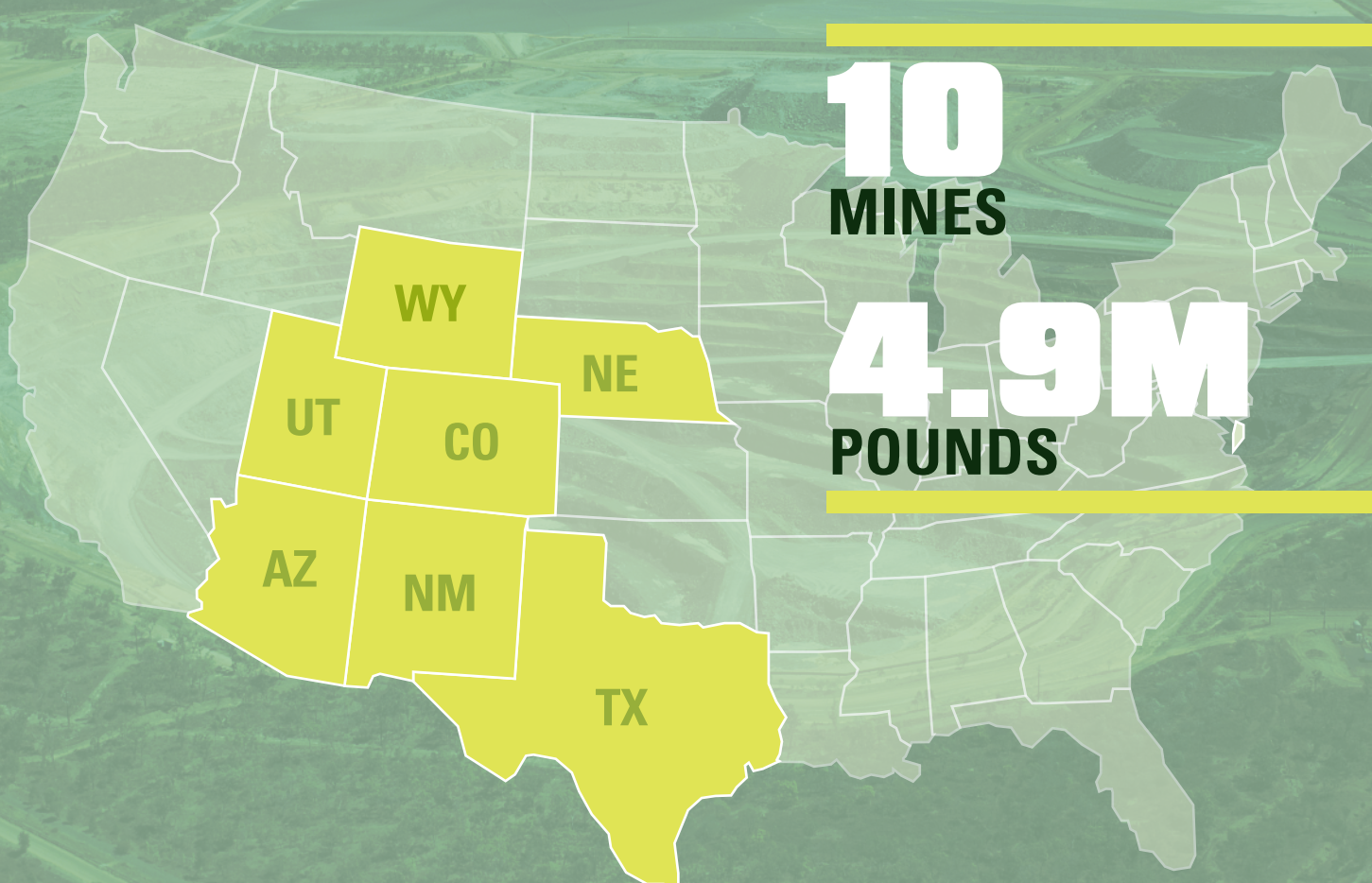


MODERN AGRICULTURAL PROCESSES

WHERE IS URANIUM FOUND IN THE U.S.?

Uranium production is mostly found in the western United States, primarily in **Wyoming, Nebraska, Texas, New Mexico, Arizona, Colorado** and **Utah**.

In 2014, there were 10 U.S. uranium mines in operation that produced 4.9 million pounds of uranium.



Uranium has a long history of enabling innovation. To support its production, we need **more efficient U.S. minerals mining policies** that support our minerals mining sector and benefit our economy.

SOURCES

http://www.cameco.com/usa/about/why_nuclear/

<http://web.ead.anl.gov/uranium/guide/facts/>

<https://geoinfo.nmt.edu/resources/uranium/what.html>