

## Medicine: diagnosis and treatment



The use of ionizing radiations is centered upon the application of radiodiagnosis, radiotherapy and nuclear medicine techniques.

## Energy production



Nuclear power produces clean electricity that does not release CO<sub>2</sub> to the atmosphere.

## Environment



It is used to detect and analyse various pollutants. One of the most renowned techniques is known as Neutronic Activation Analysis (NAA).

# Applications of Nuclear Power



Since the discovery of nuclear power, there have been many possible applications. The best known one is the production of electricity.

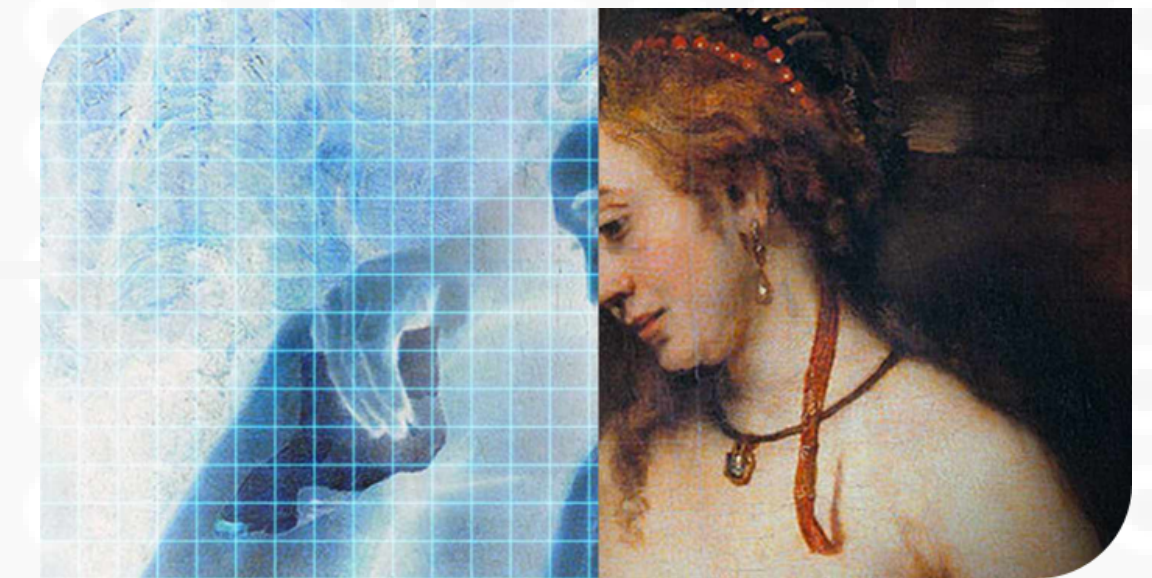
There are, however, many other applications in fields such as industry, hydrology, food & agriculture, medicine, art, science, space exploration and cosmology.



QUIZ



## Art and Heritage Conservation



Heritage conservation, dating and authentication of works of art.

## Food & Agriculture



Improving food quality, plague control and neutron probes.

## Industry



Using isotopes to improve measuring, automation and quality control in production processes.

