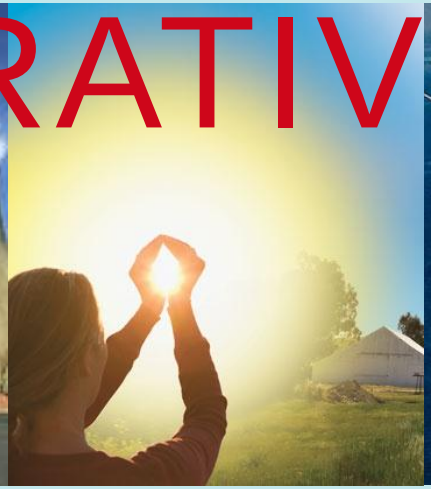
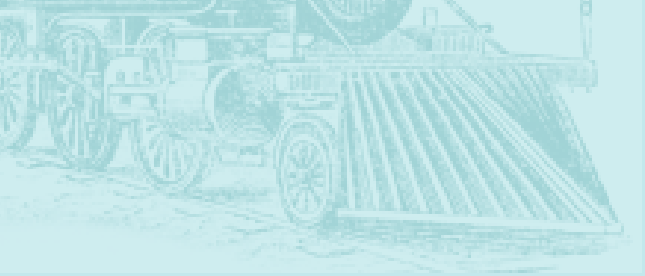
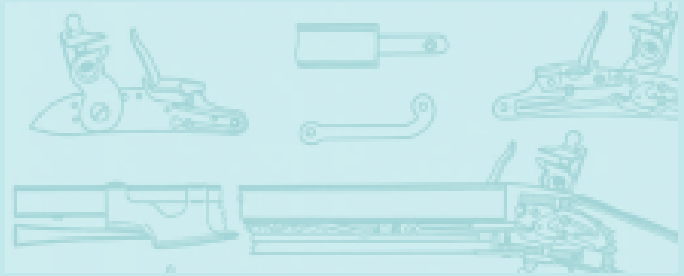
The *Energy* INNOVATION IMPERATIVE



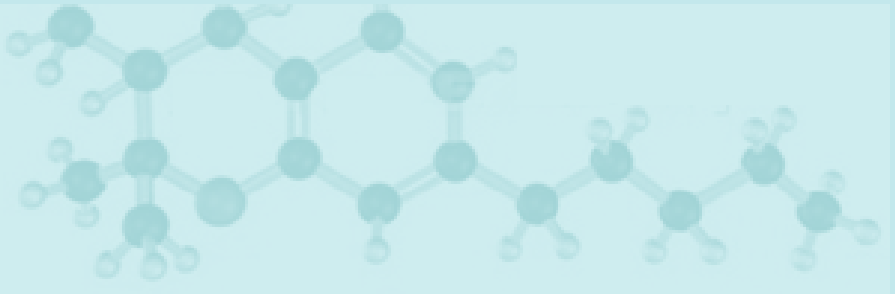


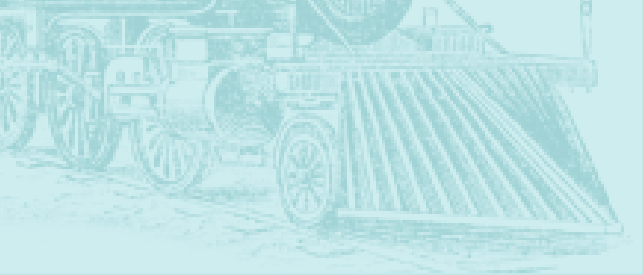
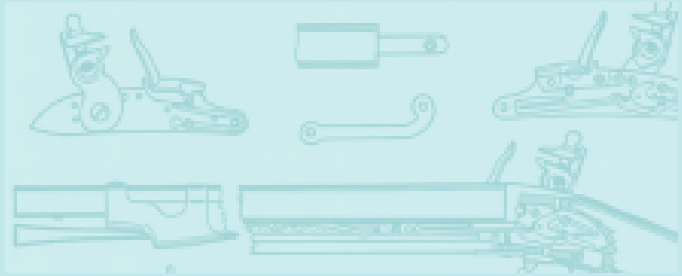

BREAKTHROUGH INSTITUTE


ACT ONE

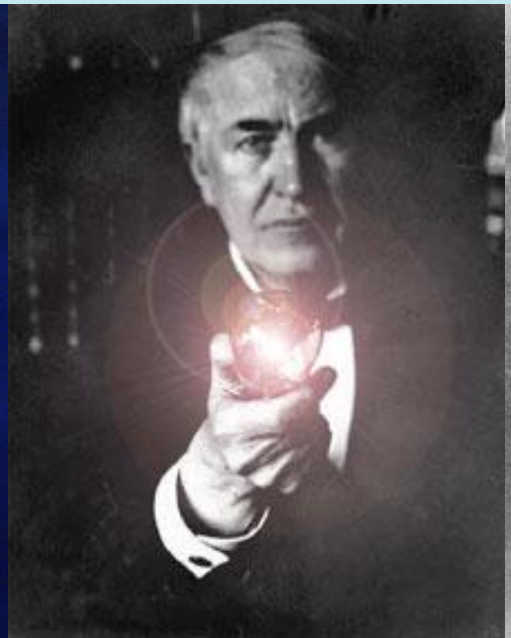
WHERE Good TECHNOLOGIES COME FROM



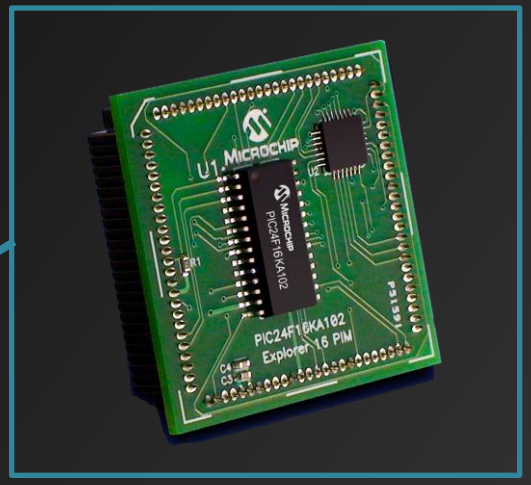




GE

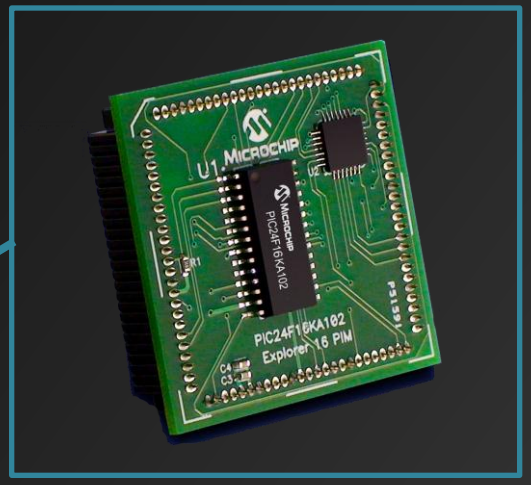
AMGEN®



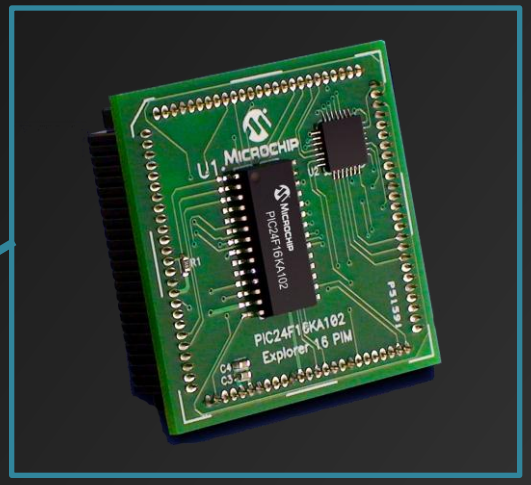
ARPANET



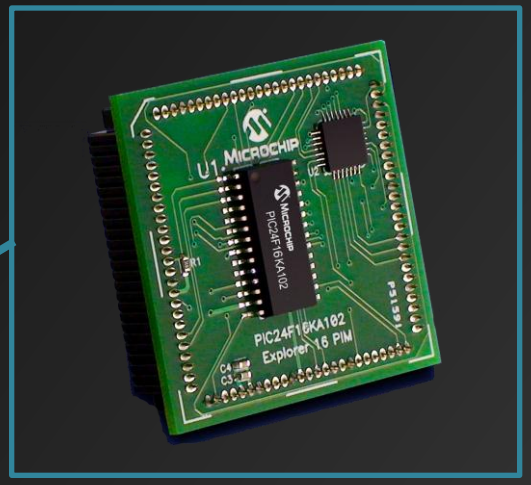
ARPANET



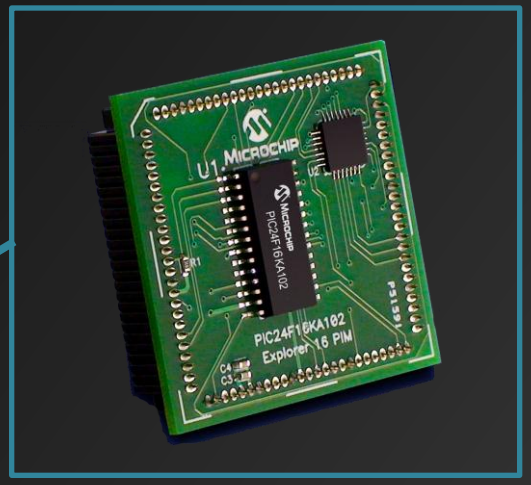
ARPANET



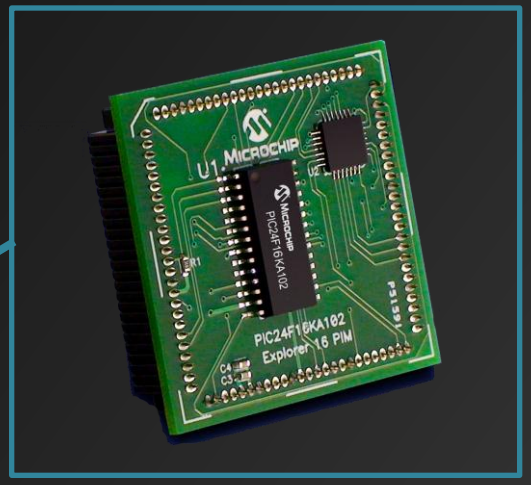
ARPANET



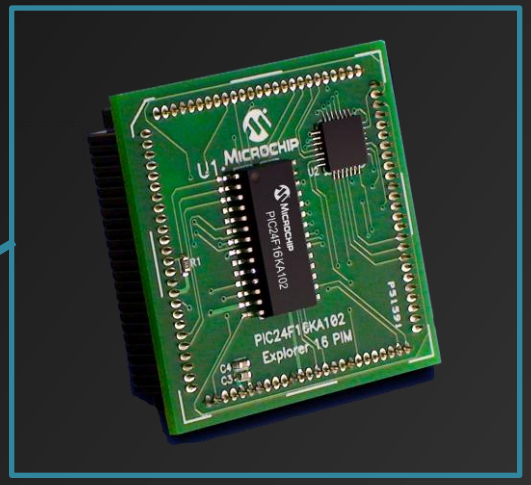
ARPANET

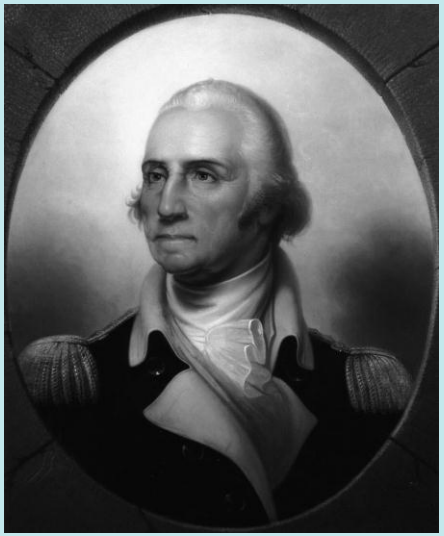


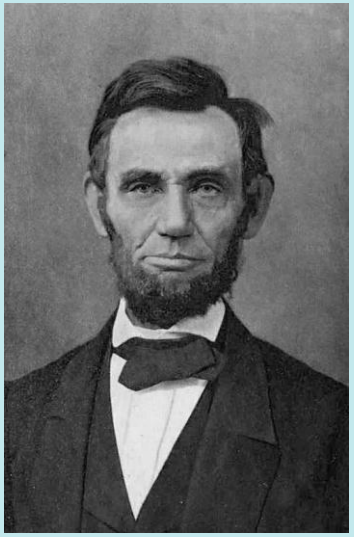
ARPANET



ARPANET

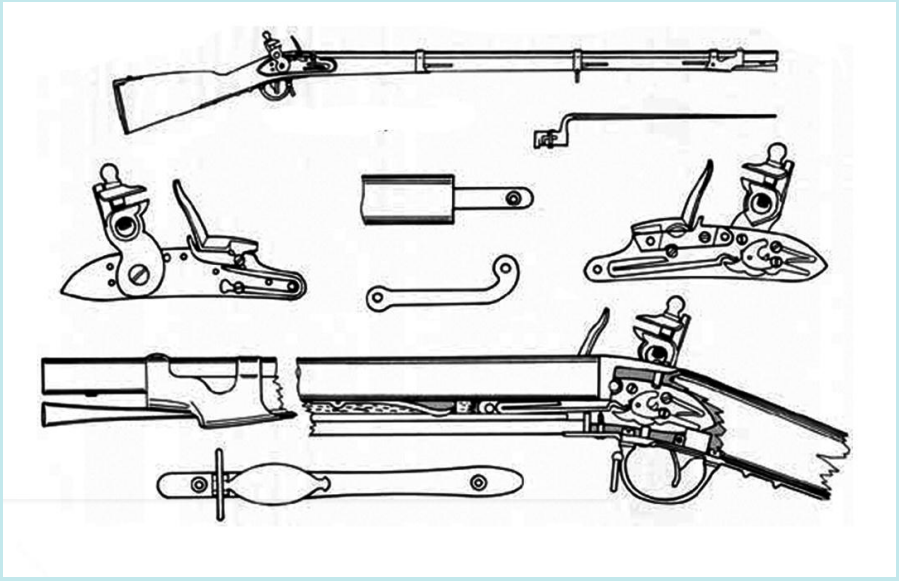


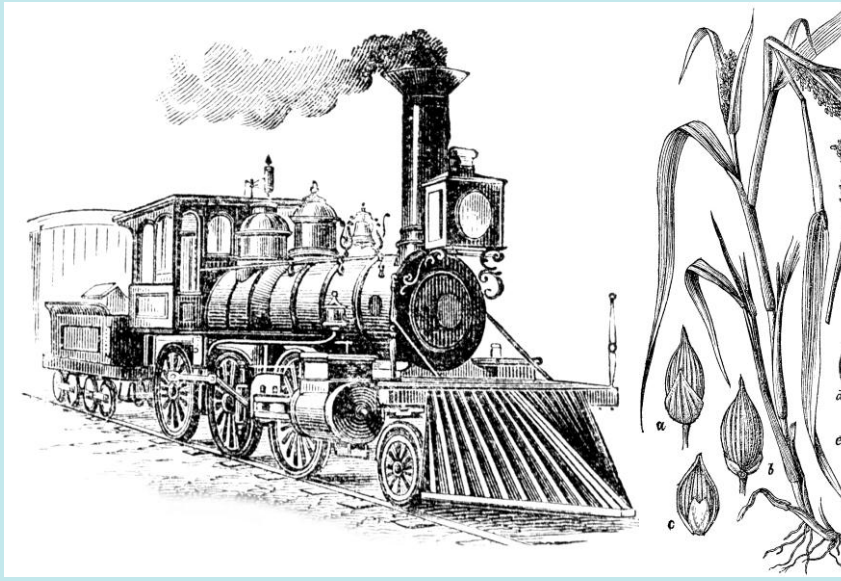


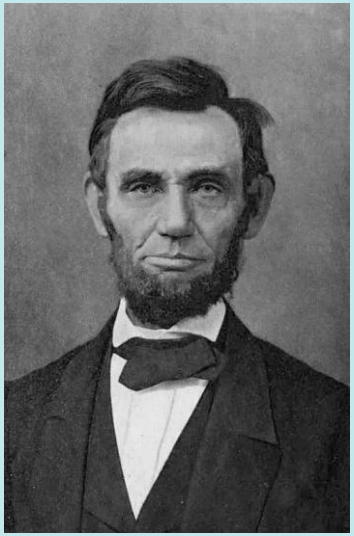


1794

1862

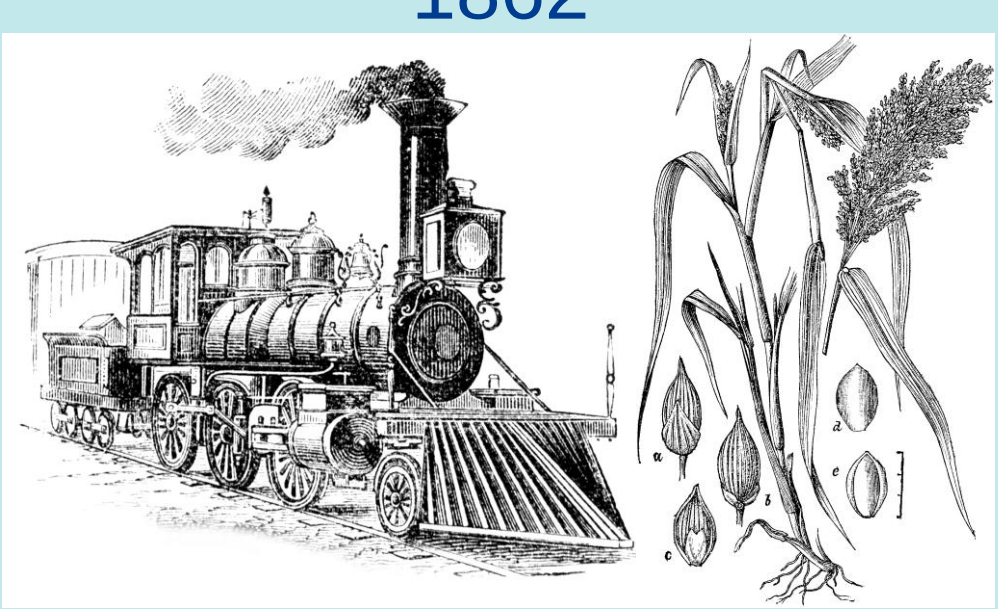


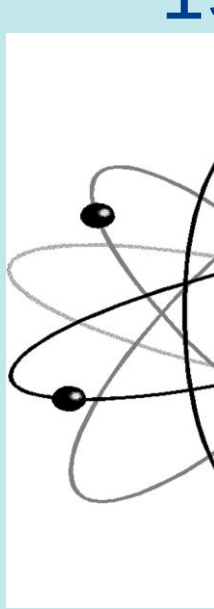


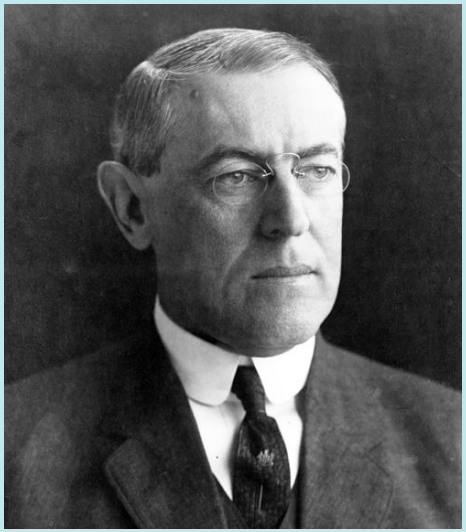


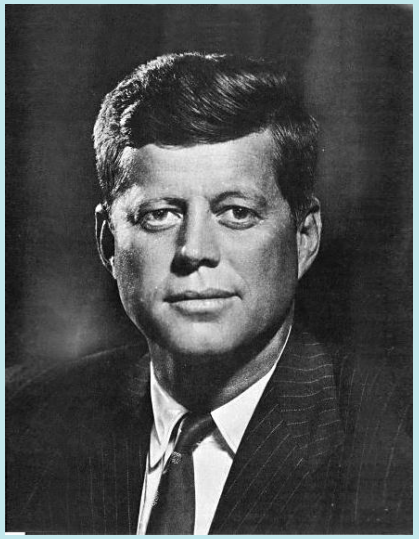
1862

1915





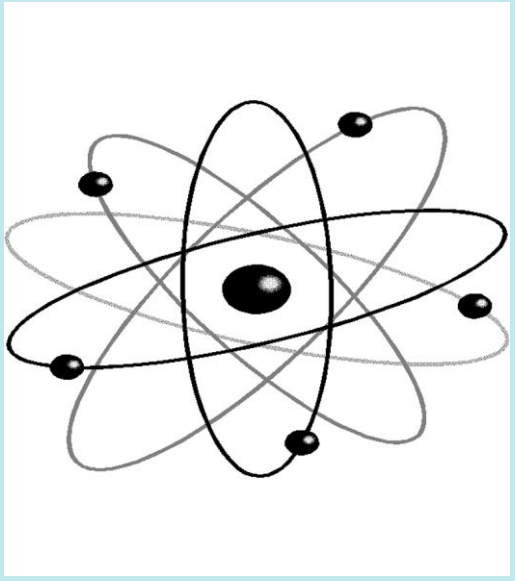


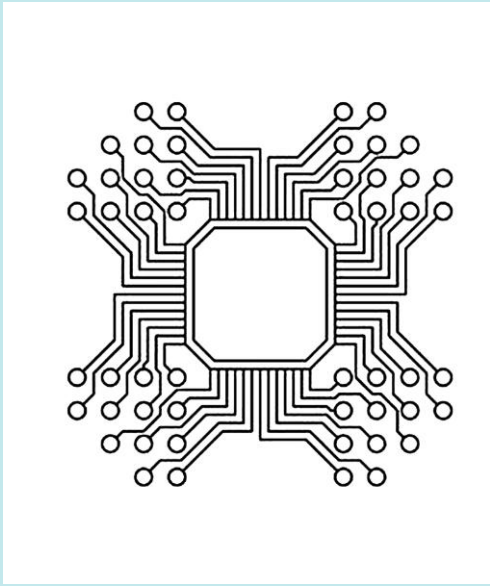


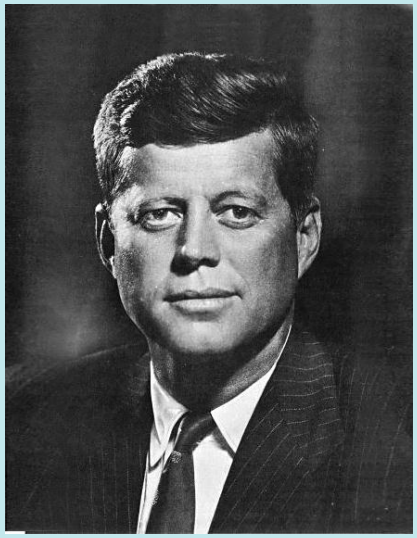
1915

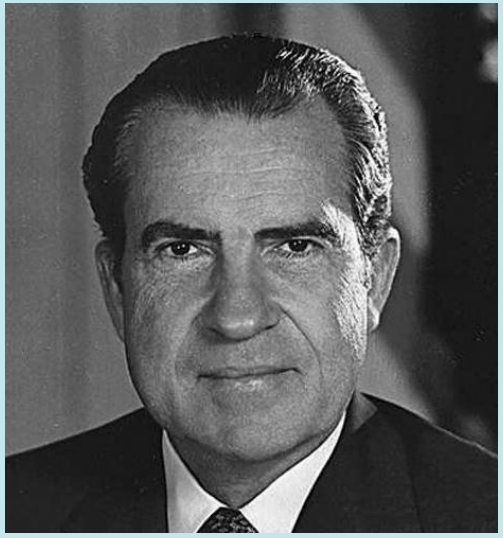
1953

1961





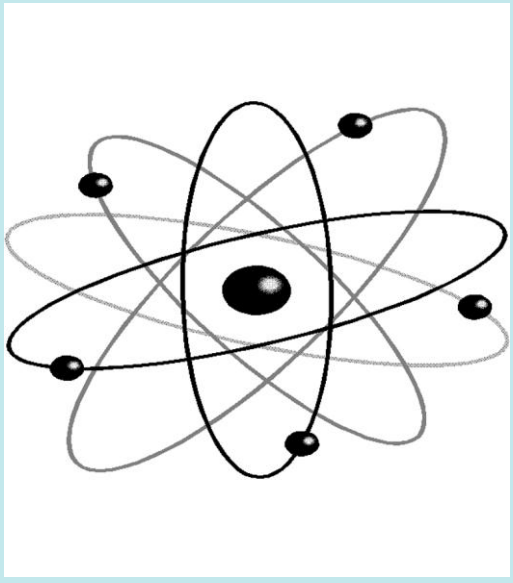


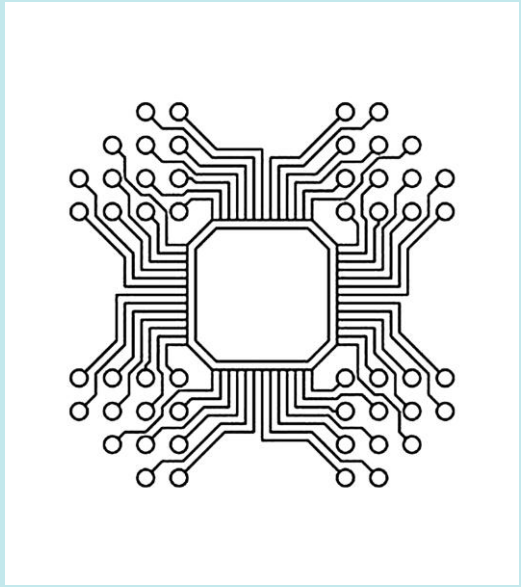


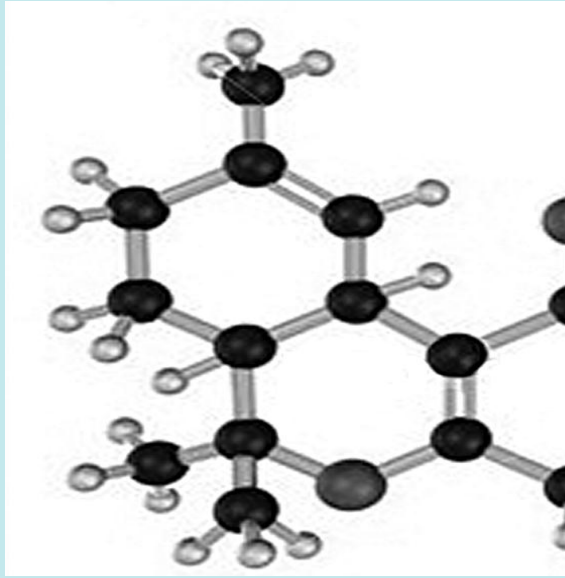
1953

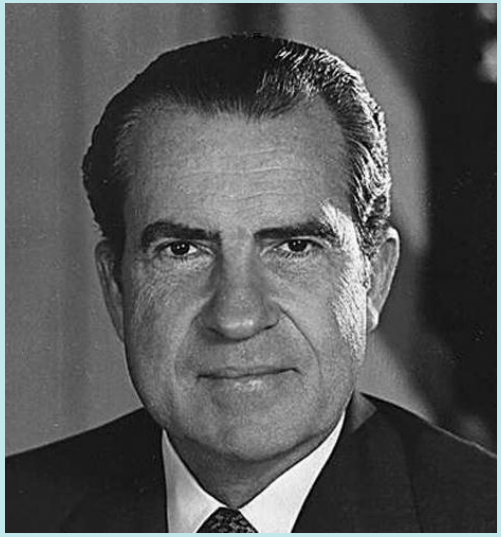
1961

1971







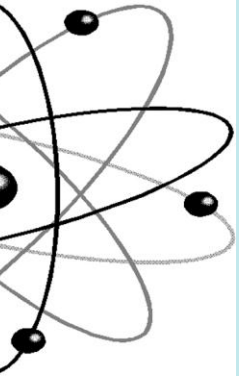


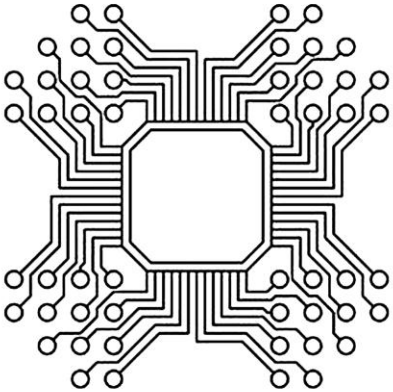
53

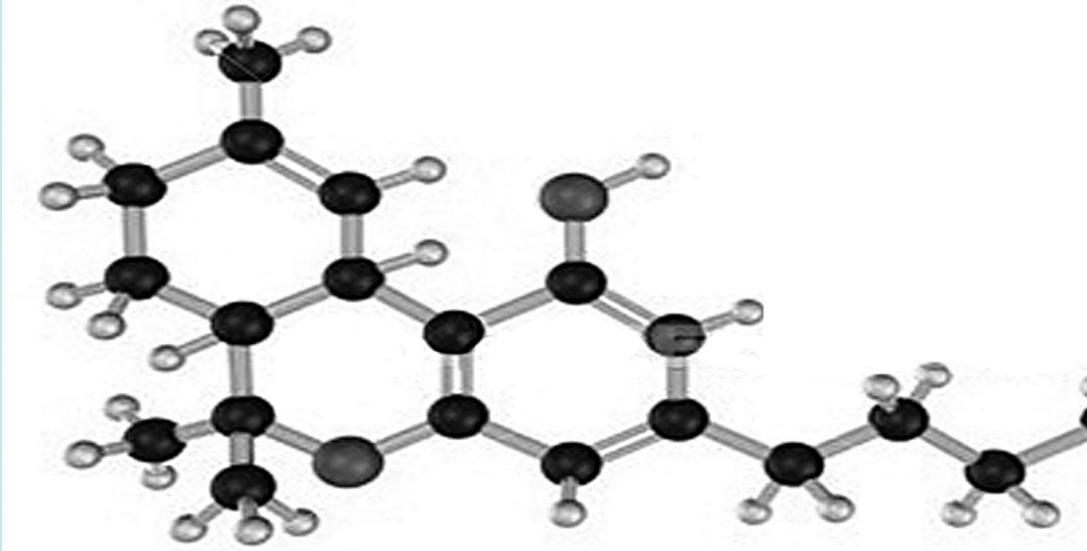
1961

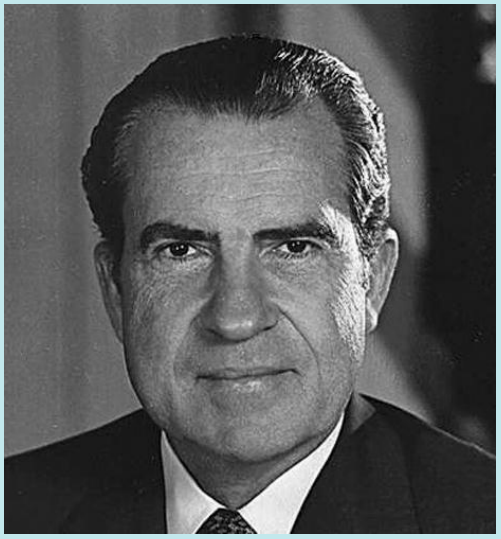
1971

1995





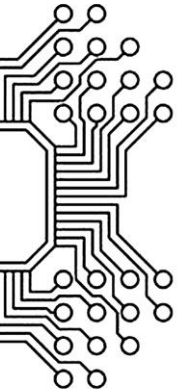


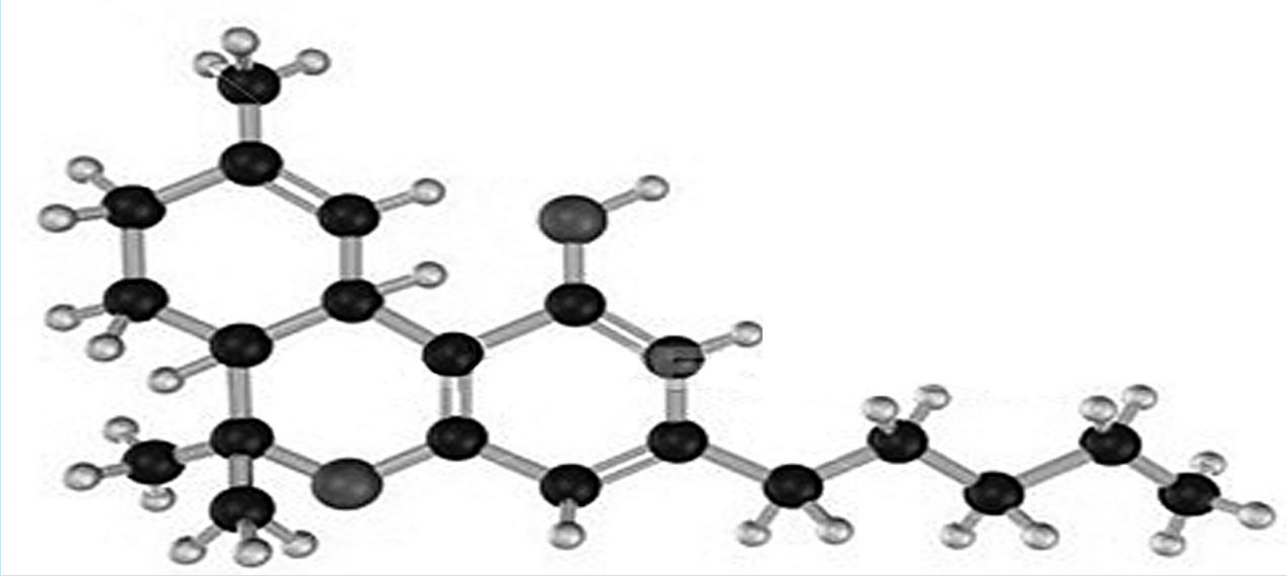


61

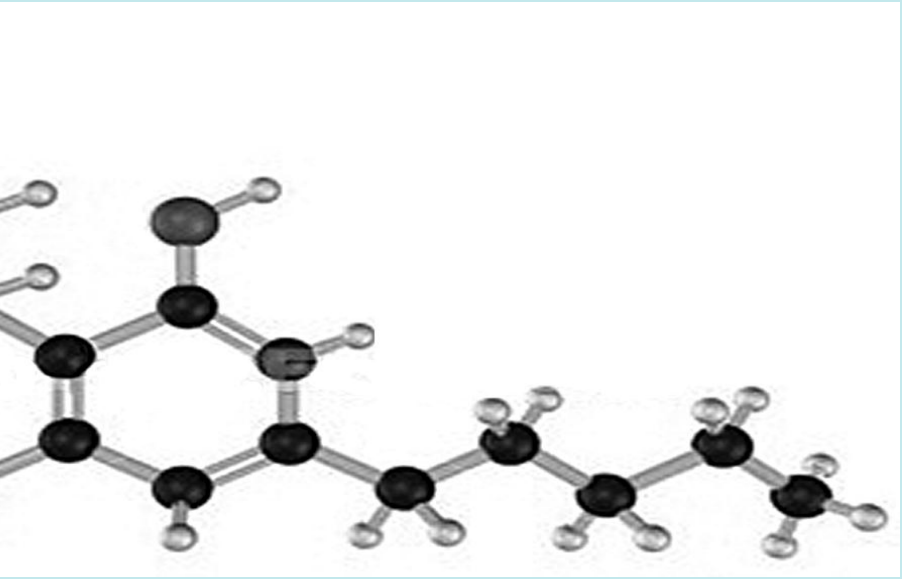
1971

1995-2008



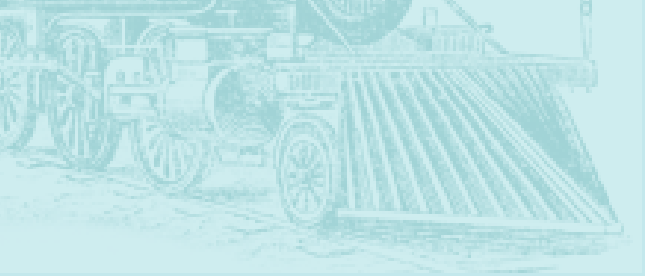
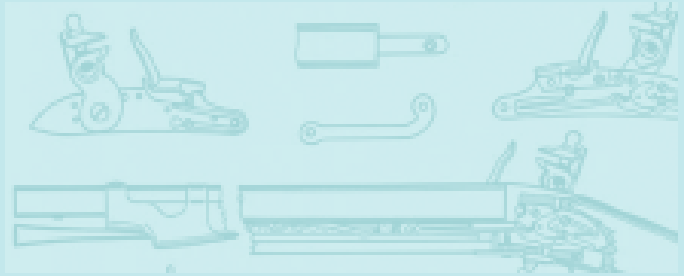


1995-2008



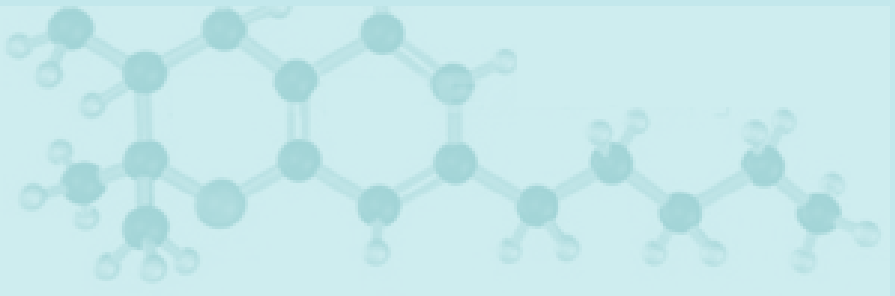
Investor in Innovation

Demanding Customer

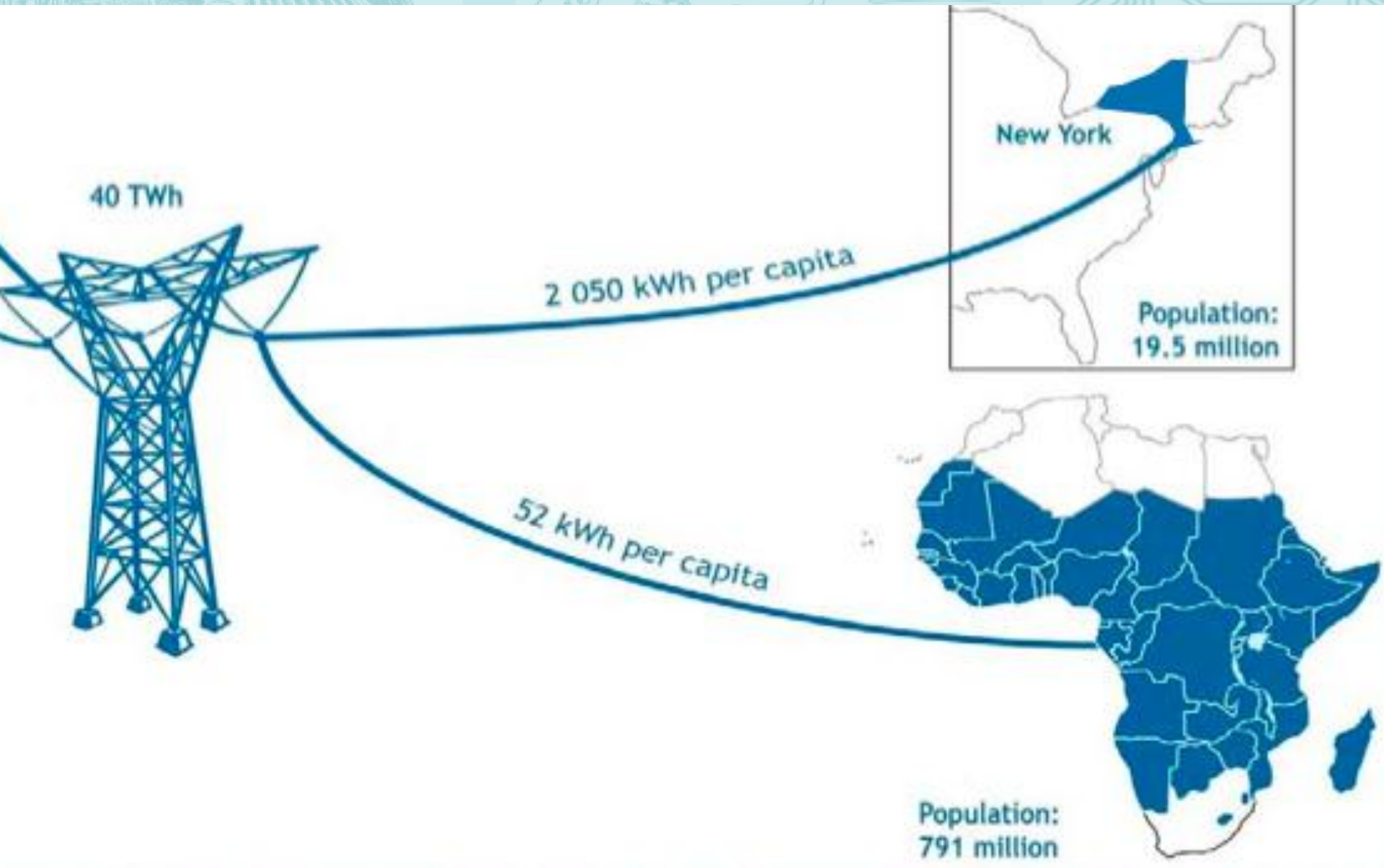

ACT TWO

Making *Clean* ENERGY CHEAP



POPULATION

ENERGY


40 TWh
2 050 kWh per capita
New York
Population:
19.5 million
52 kWh per capita
Population:
791 million


• 13,200 Deaths
• 20,000 Heart Attacks
• 9,700 Hospitalizations
• $100b Economic Toll


$1.4 Billion Per Day


CO_2

7:00


6-7x

Two Days

We must develop

CLEAN

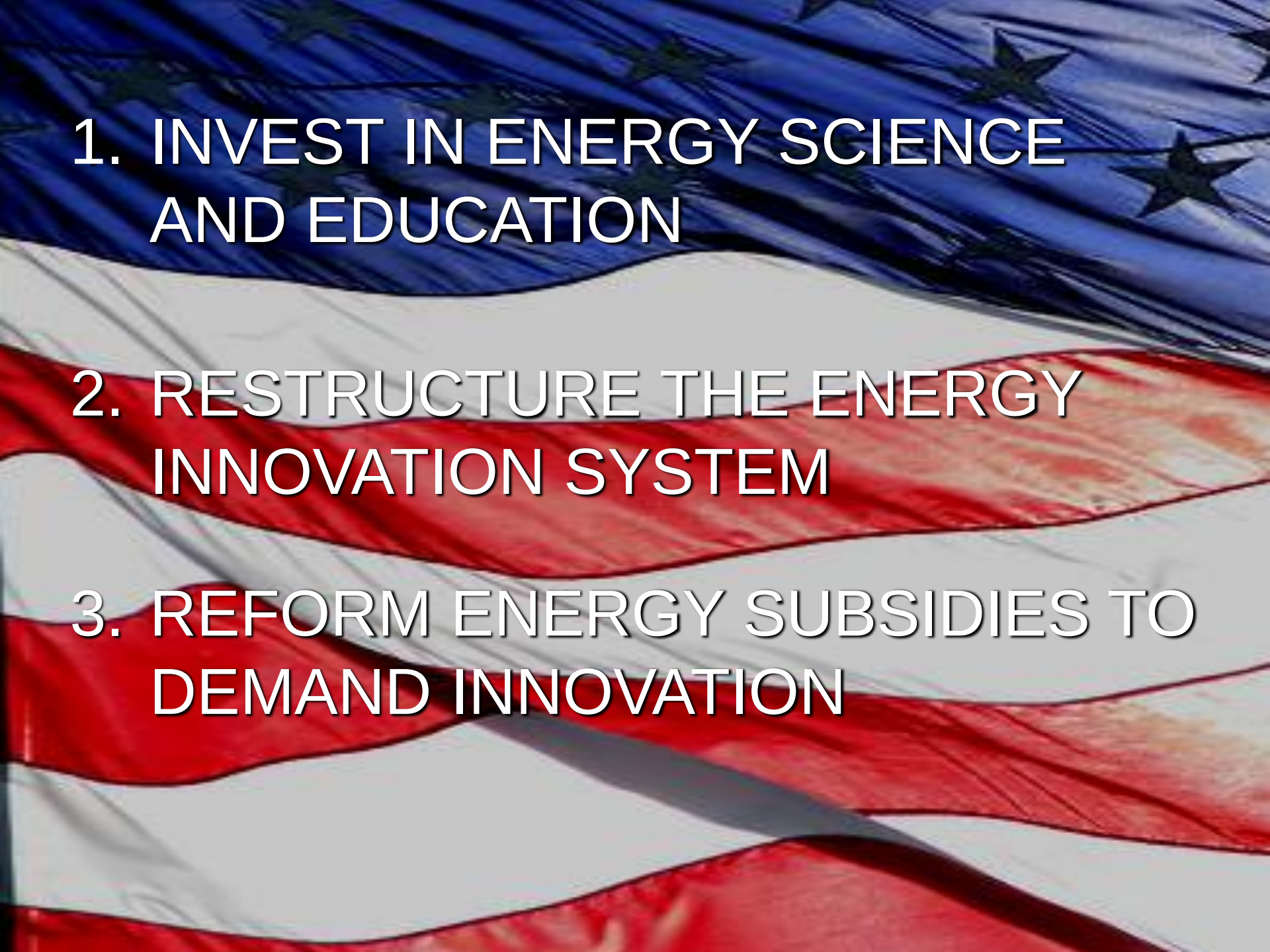
CHEAP &

MASSIVELY

_ABLE

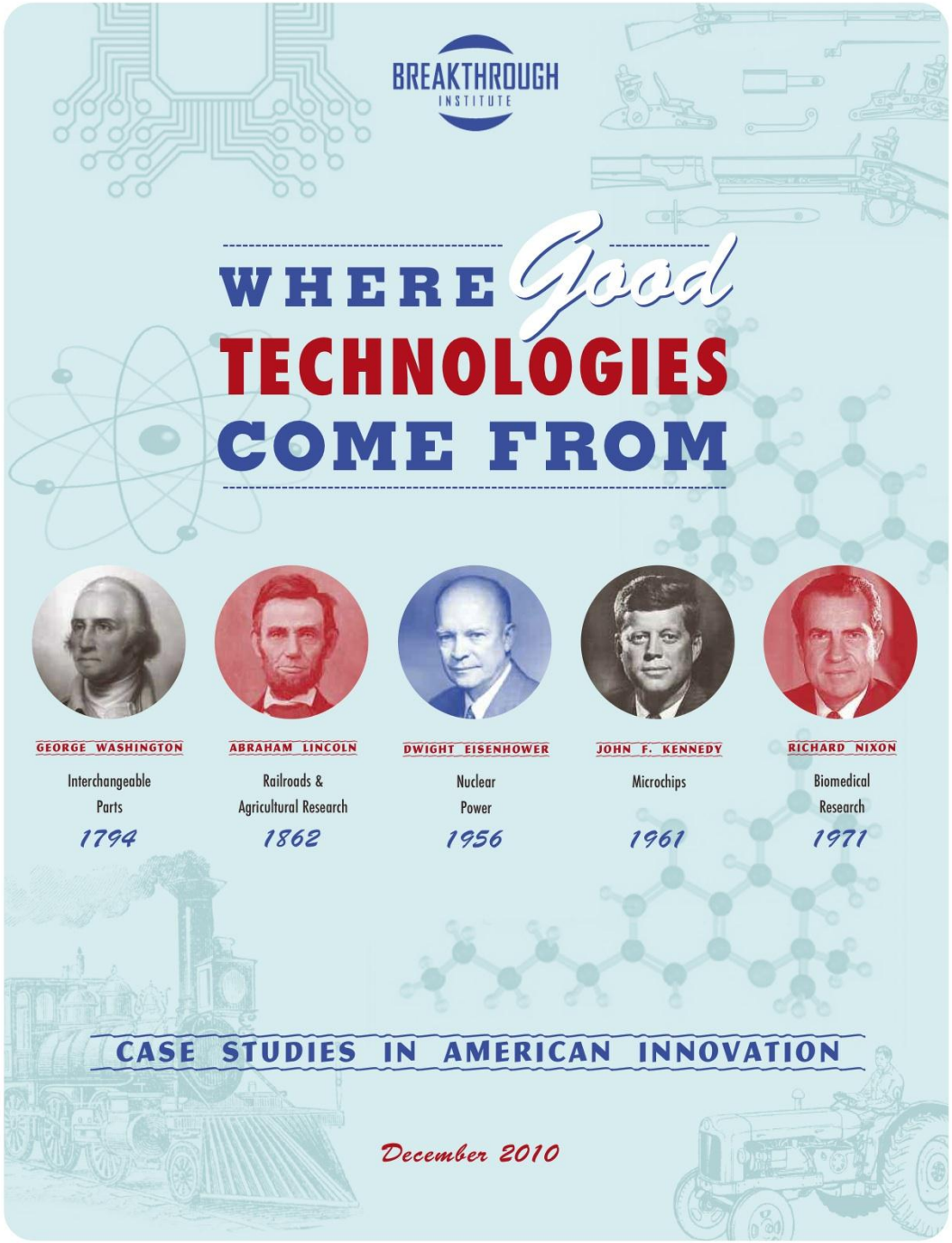
energy technologies


AMERICAN INNOVATION


1. INVEST IN ENERGY SCIENCE AND EDUCATION
2. RESTRUCTURE THE ENERGY INNOVATION SYSTEM
3. REFORM ENERGY SUBSIDIES TO DEMAND INNOVATION

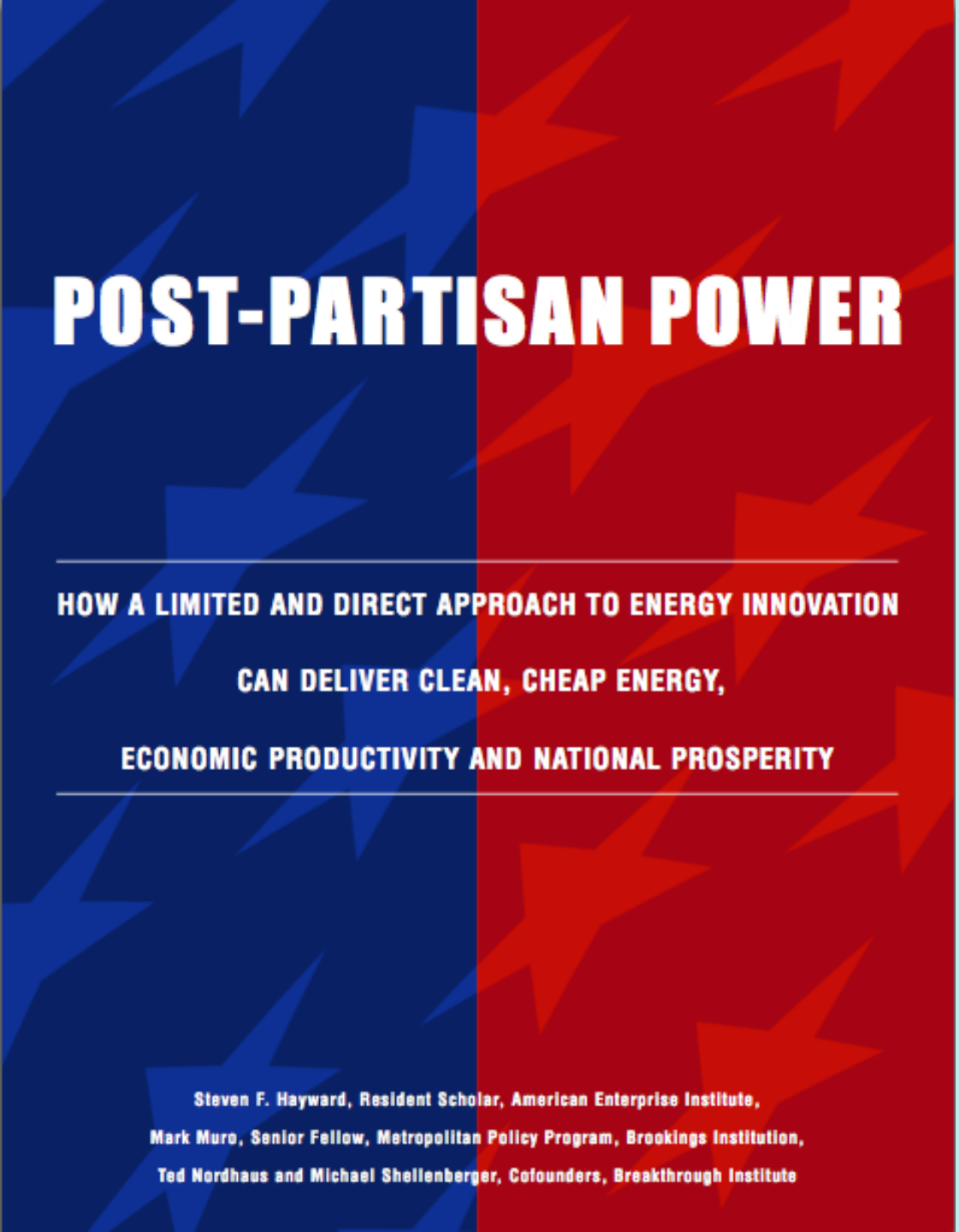
The *Energy* INNOVATION IMPERATIVE

Jesse Jenkins
Breakthrough Institute
jesse@theBreakthrough.org
http://theBreakthrough.org



Breakthrough Institute Report:

http://bit.ly/AmericanInnovation



Breakthrough Institute Report:

http://bit.ly/PostPartisanPower

Stay tuned for more…

Breakthrough Institute
http://theBreakthrough.org