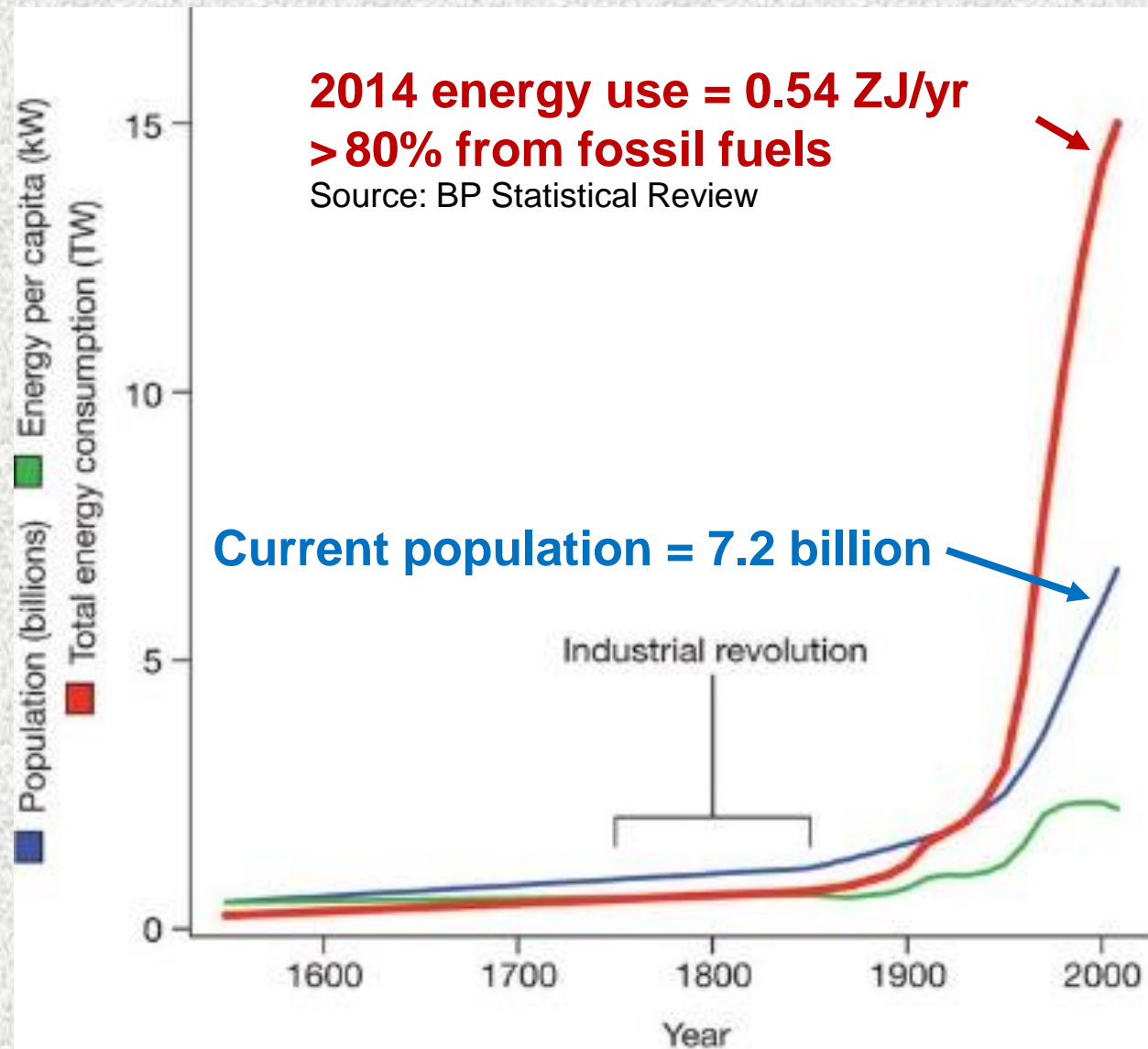
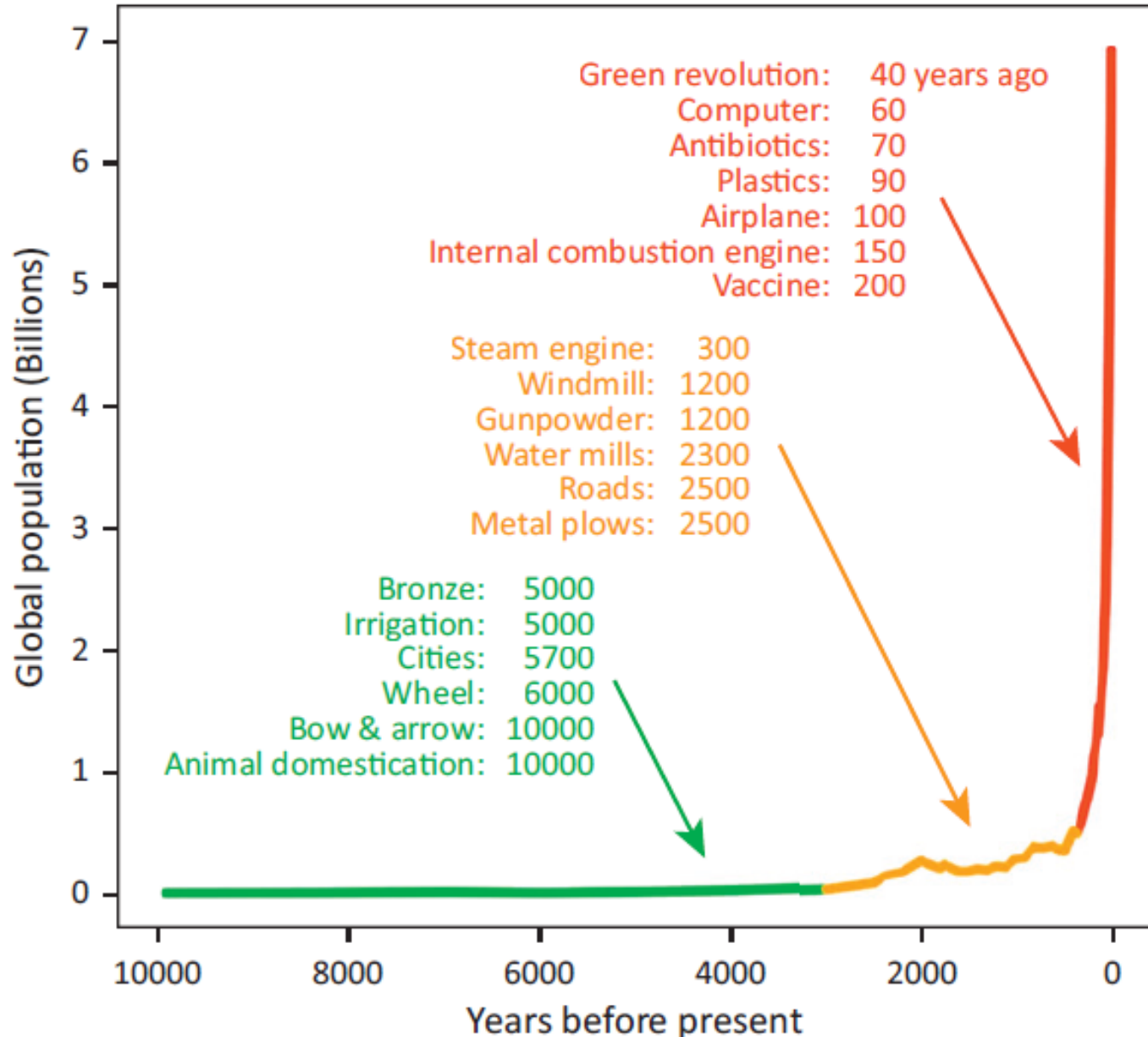


# ENERGY USE HAS BEEN INCREASING MUCH FASTER THAN POPULATION



# Innovations have fueled population growth



# AVAILABLE ENERGY SOURCES

OIL

NATURAL GAS

COAL

**BIOMASS**

NUCLEAR FISSION

**HYDRO**

**SOLAR**

**WIND**

**ANIMATE**

GEOHERMAL

OCEAN CURRENTS

TIDES/LUNAR PULL

NUCLEAR FUSION

# Global energy requirements for different economic scenarios

	<b>TW</b>	<b>factor</b>
<b>world current</b>	<b>17.5</b>	<b>1.0</b>
<b>U.S. lifestyle</b>	<b>82.3</b>	<b>4.7</b>
<b>Chinese lifestyle</b>	<b>13.1</b>	<b>0.75</b>
<b>current trends to 2025*</b>	<b>38.5</b>	<b>2.2</b>
<b>U.S. lifestyle in 2025*</b>	<b>180.2</b>	<b>10.3</b>
<b>Chinese lifestyle in 2025*</b>	<b>28.0</b>	<b>1.6</b>

**\*Assumes 2025 world population of 8 billion  
(U.S. Census Bureau)  
and 3.8% per year increase in global GDP  
(World Resources Institute)**

# THE VAST MAJORITY OF ENERGY (80%) COMES FROM FOSSIL FUELS

