

INDUSTRIAL REVOLUTION EUROPE

Historical Timeline Reference Chart

PHASE I: TEXTILES & STEAM (1760 - 1840)

1764

James Hargreaves invents the Spinning Jenny, automating cotton spinning.

1781

James Watt patents the rotary steam engine, enabling factory mechanization.

1804

Richard Trevithick debuts the first steam-powered locomotive.

1833

Factory Act (UK): First major legislation regulating child labor and hours.

PHASE II: STEEL & ELECTRICITY (1850 - 1914)

1856

Bessemer Process: Mass production of high-quality steel becomes viable.

1879

Joseph Swan and Thomas Edison independently develop the incandescent lightbulb.

1885

Karl Benz patents the Motorwagen, the first modern internal combustion automobile.

1901

Guglielmo Marconi sends the first transatlantic radio signal.

SOCIAL & STRUCTURAL SHIFTS

Urbanism

Mass migration from rural farmlands to expanding industrial city centers.

Economy

Transition from mercantilism to industrial capitalism and global trade.
