

# TRANSPORTATION TECHNOLOGY TRANSFORMATIONS

**3500 BCE**

## **Invention of the Wheel**

The foundational transformation from dragging loads to rolling them, first appearing in Mesopotamia.

**1769**

## **Steam-Powered Engines**

James Watt's improvements lead to the first steam-powered road vehicles and eventually locomotives.

**1886**

## **The Modern Automobile**

Karl Benz patents the Motorwagen, marking the birth of internal combustion personal transit.

**1903**

## **Powered Flight**

The Wright Brothers achieve the first controlled, sustained flight of a powered aircraft.

**1950s**

## **Jet Age & Interstates**

Commercial jet travel becomes accessible, and the U.S. Interstate Highway System begins construction.

**2010 - Present**

## **Electric & Autonomous Shift**

Mass adoption of EVs and the development of AI-driven self-driving technologies.