

INDUSTRIAL REVOLUTION AND ITS IMPACT ON ARCHITECTURE

PRESENTED BY: JAGRITI ARORA

American Revolution

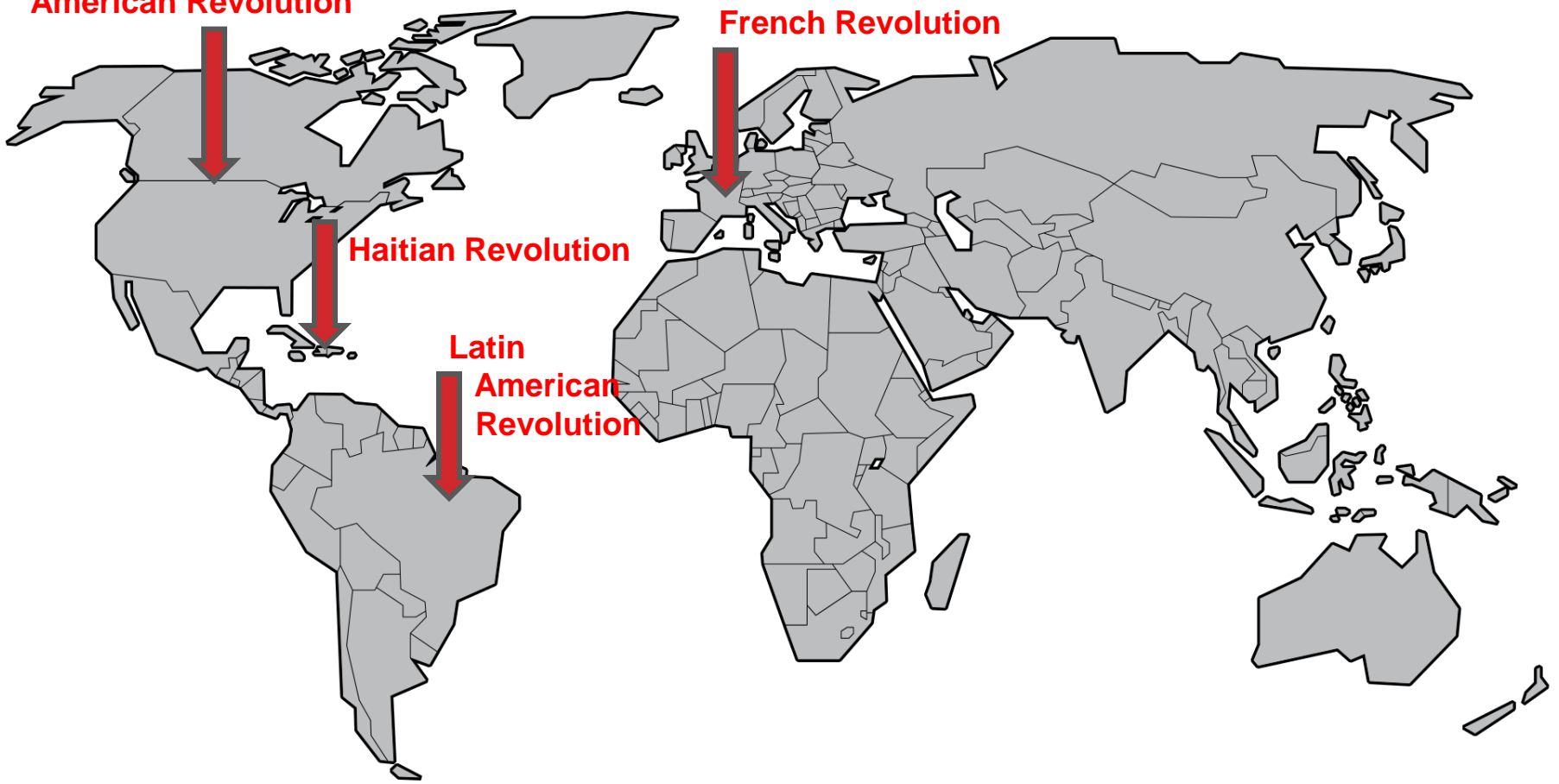
French Revolution

Haitian Revolution

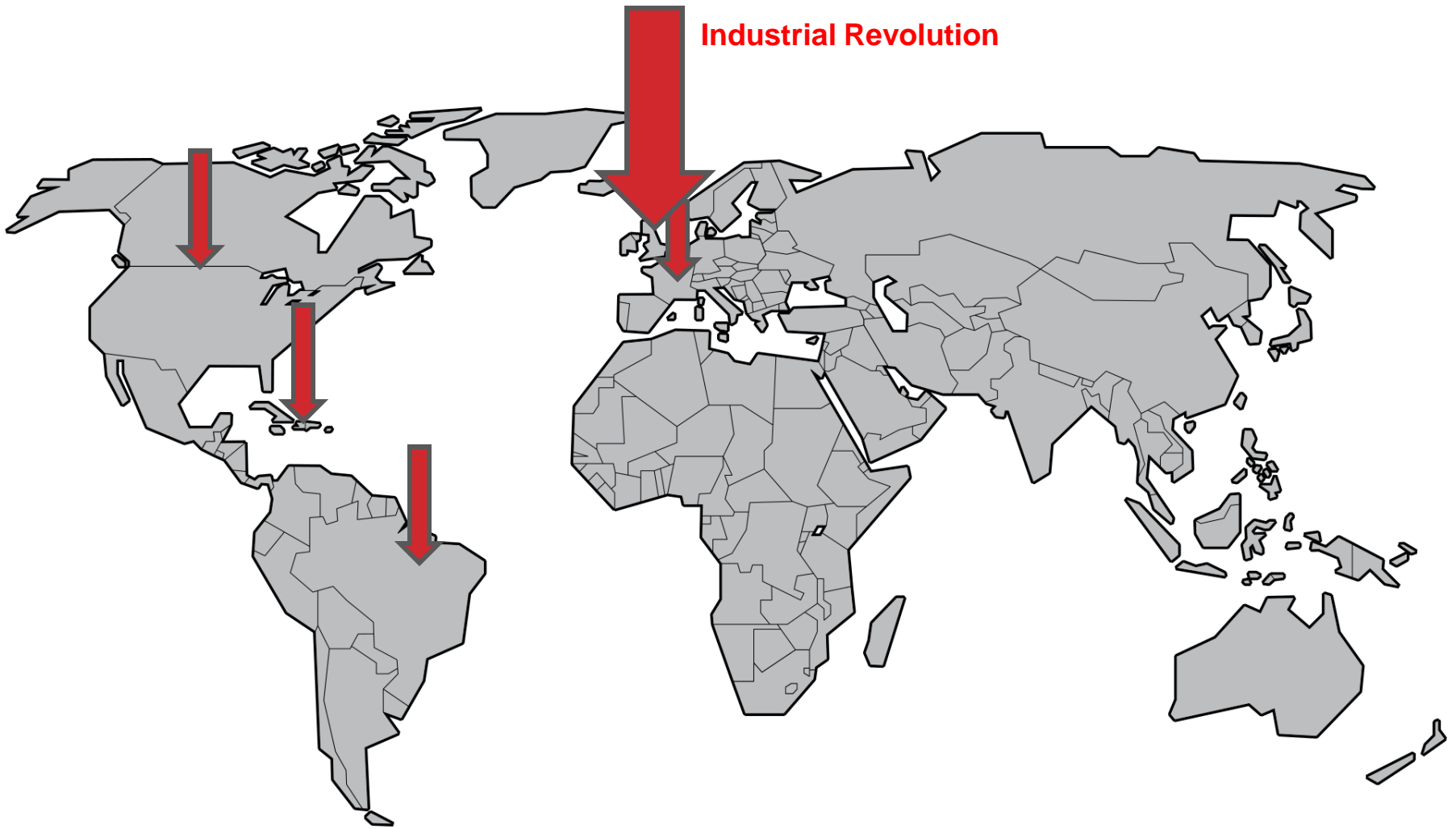
**Latin
American
Revolution**

Circa 1750 – 1850

Source: geology.com



Industrial Revolution



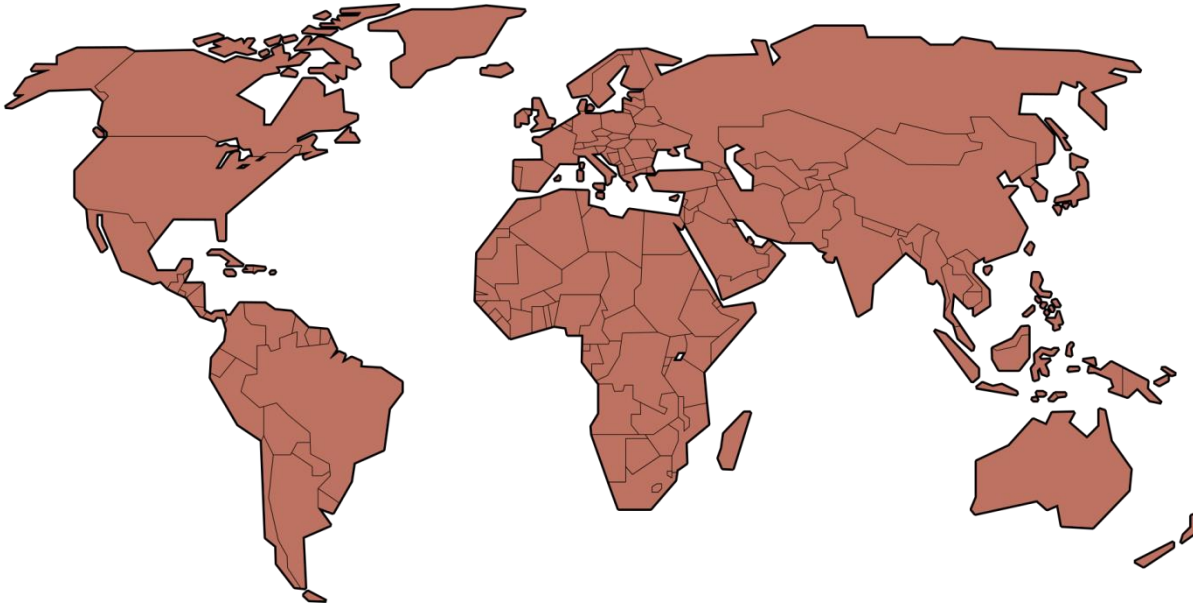
Circa 1760 – 1840

Source: geology.com

WIDTH OF THE IMPACT



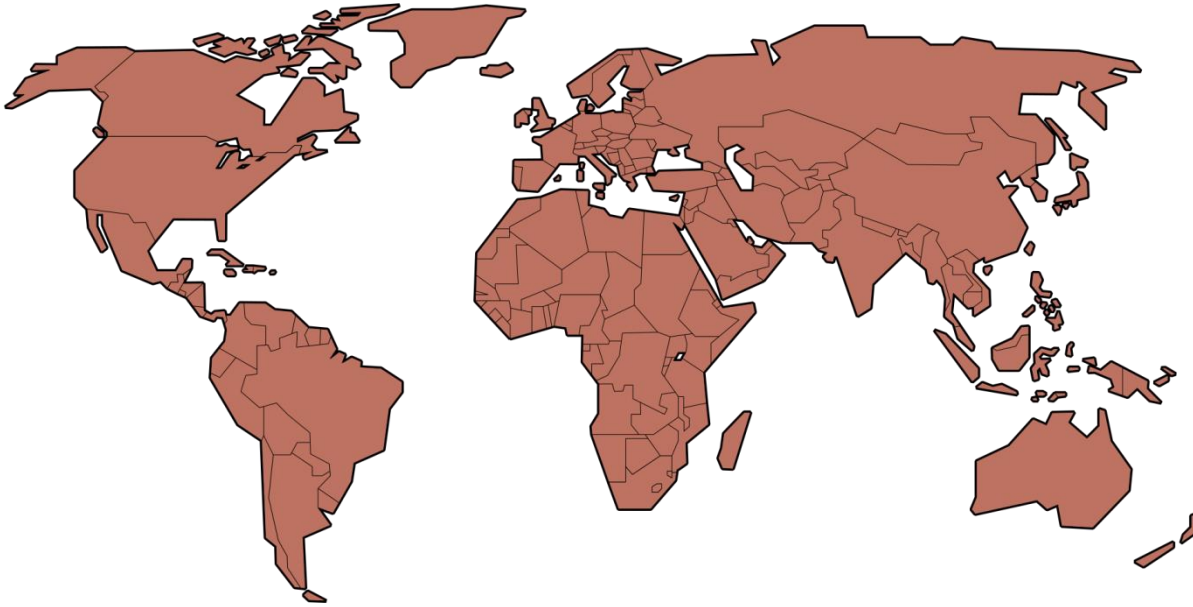
WIDTH OF THE IMPACT



DEPTH OF THE IMPACT



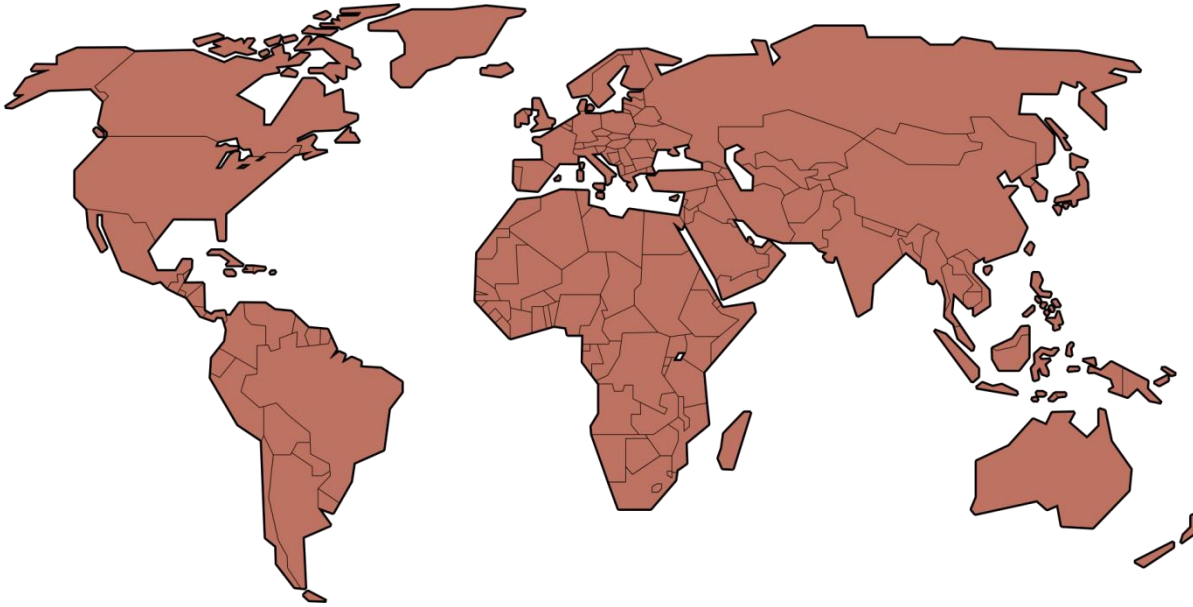
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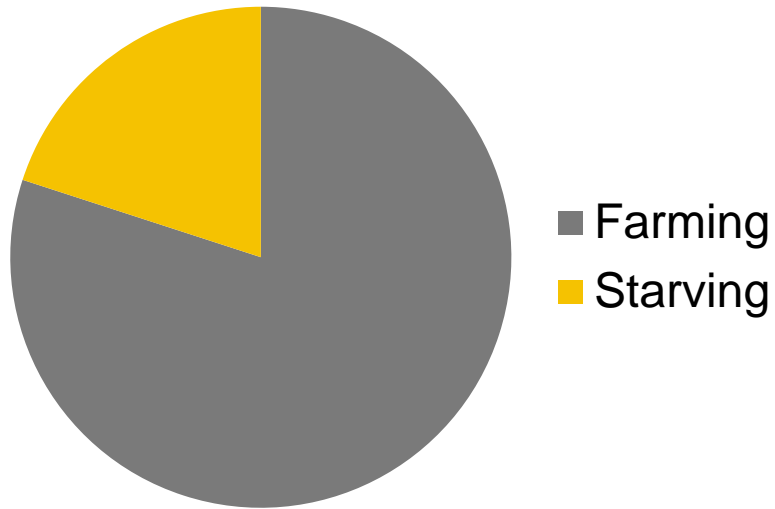
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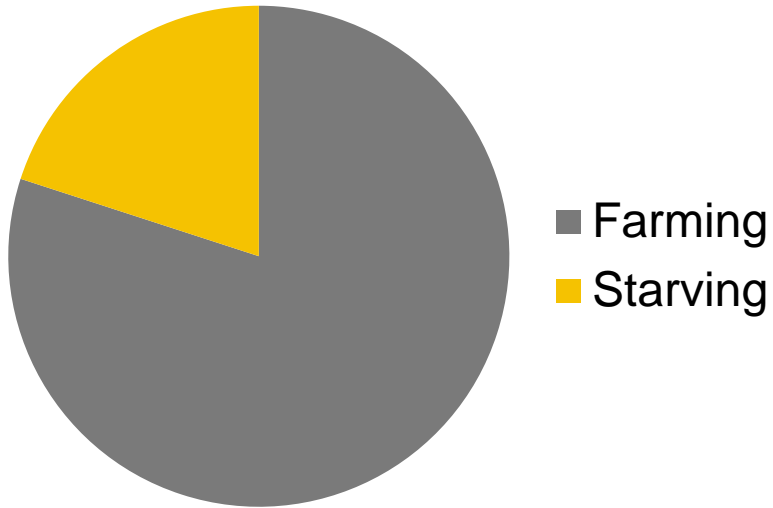


Pre-Industrial Revolution Occupation



Source: author, estimating from the texts

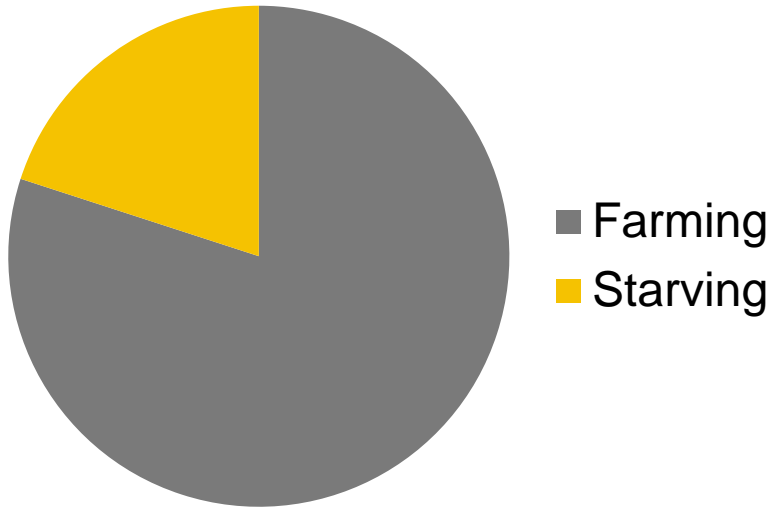
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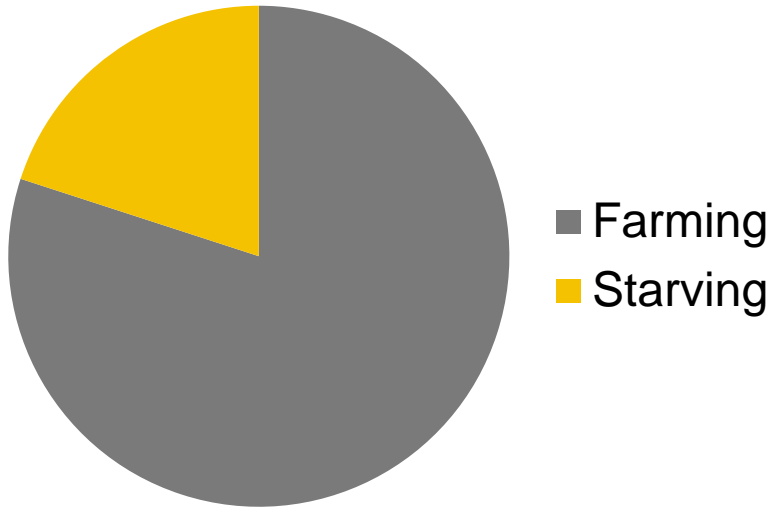
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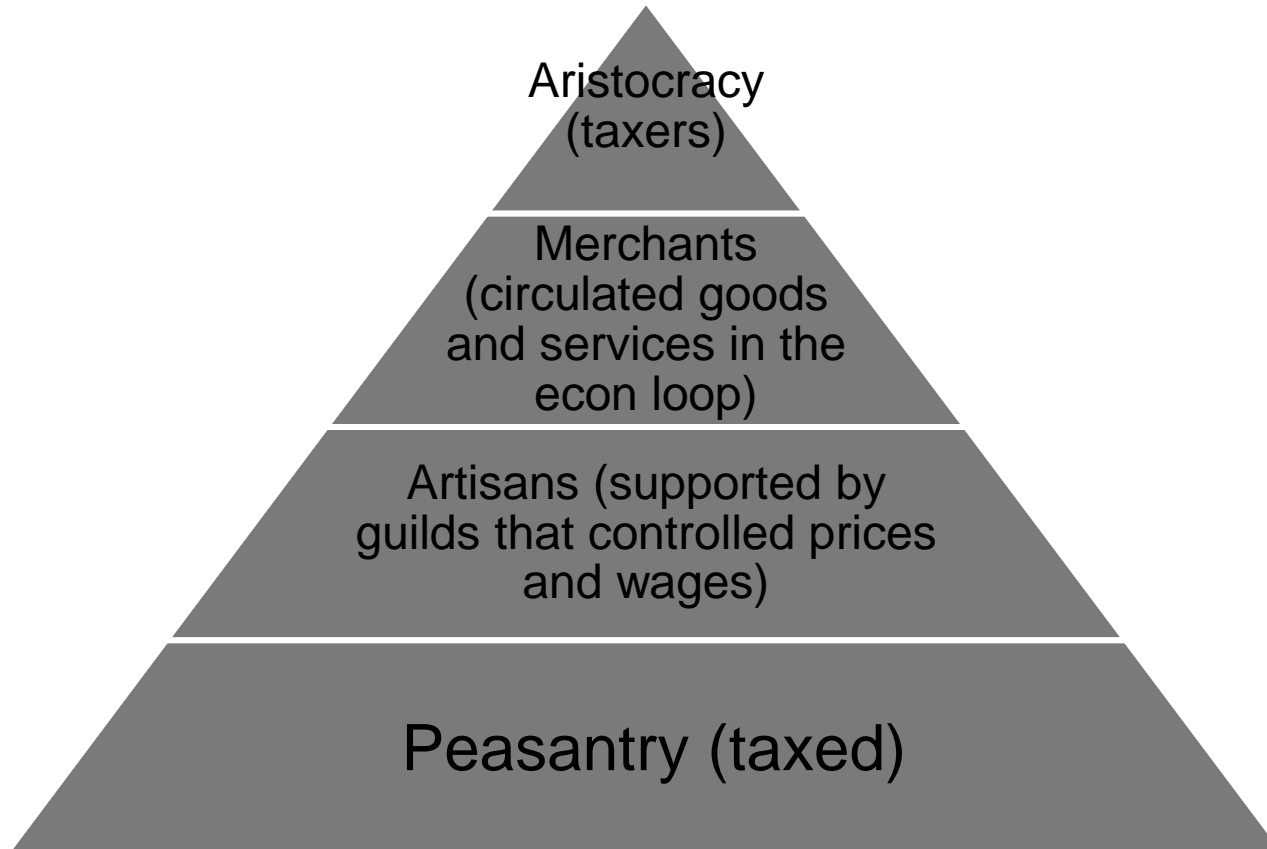
Pre-Industrial Revolution Occupation



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PRE INDUSTRIAL REVOLUTION

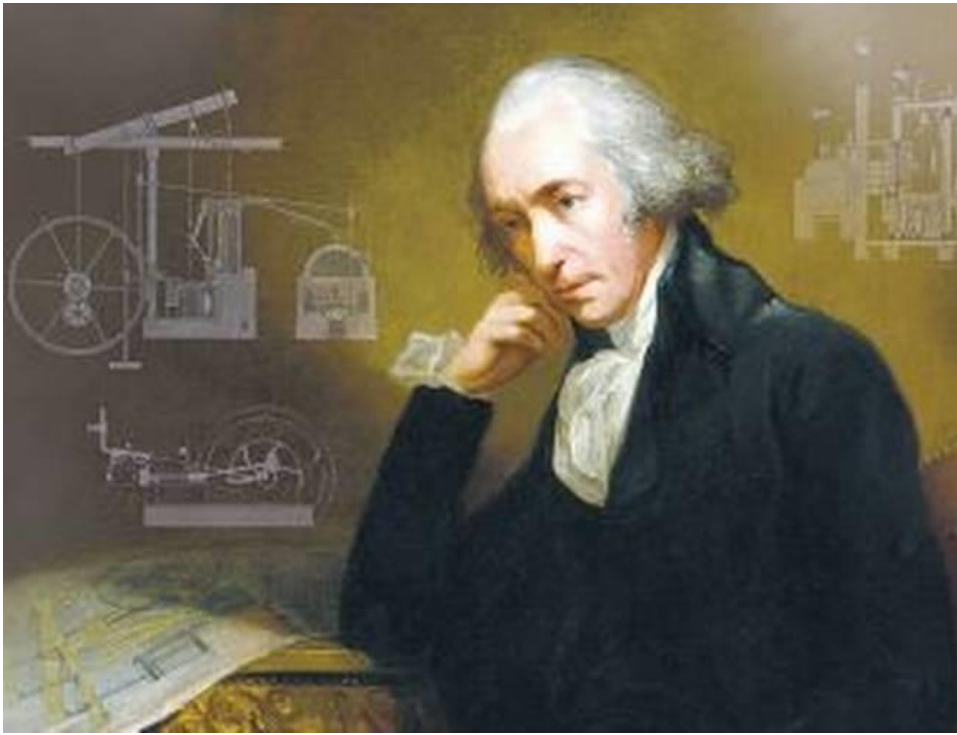


DEFINITION OF INDUSTRIAL REVOLUTION

An increase in production brought about by the use of machines and characterized by the use of new energy sources

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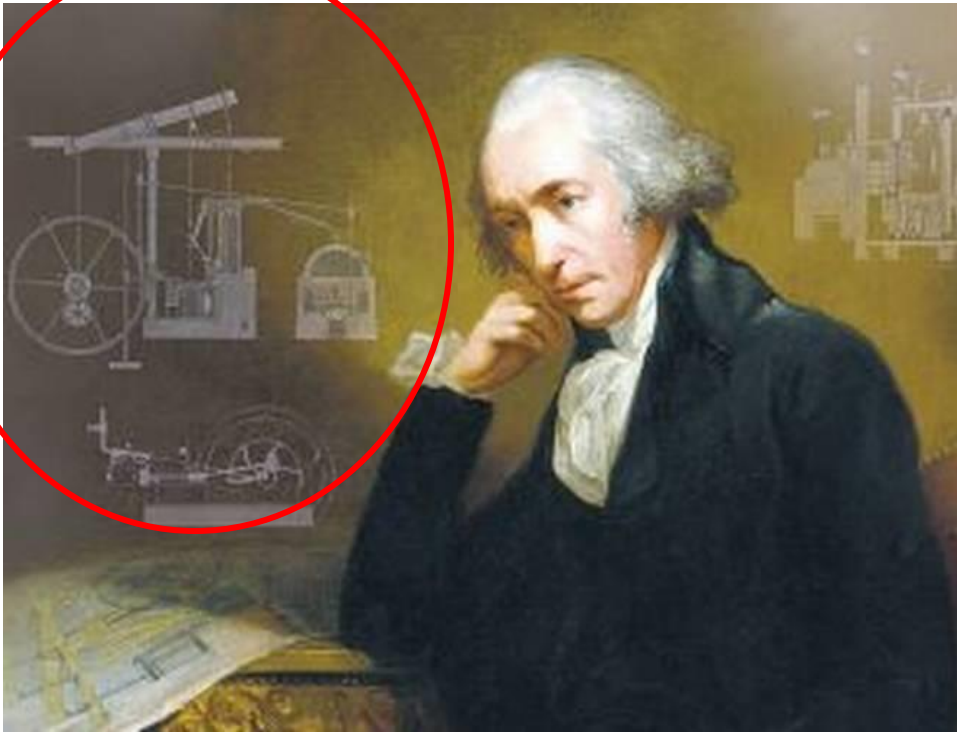


James Watt

Image Source: Britannica

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James Watt

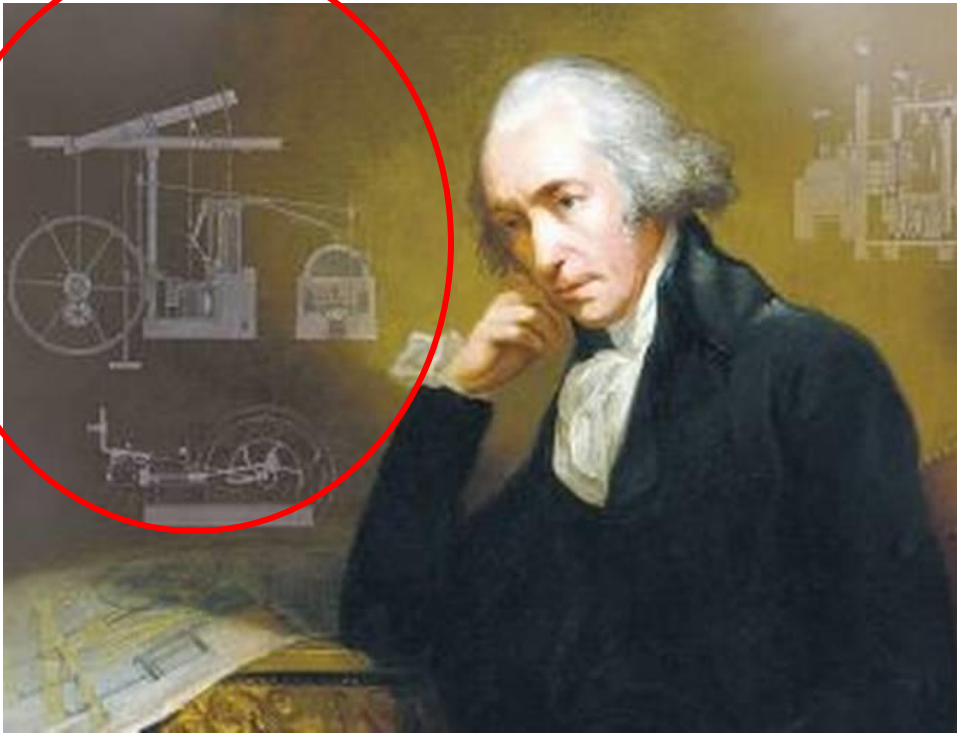
Image Source: Britannica



Steam engine running on a railroad

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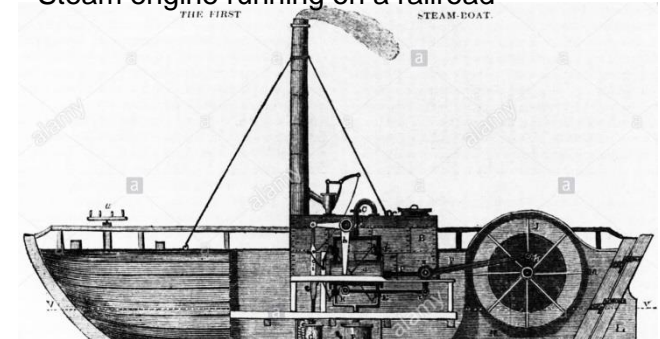
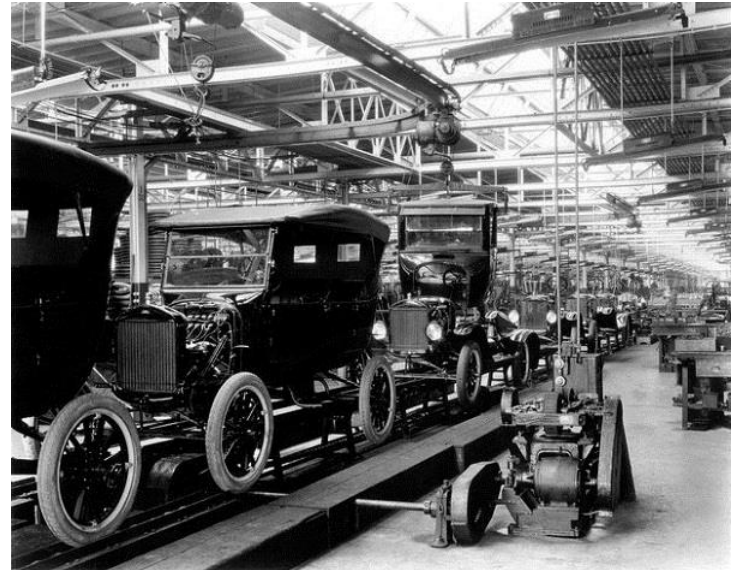
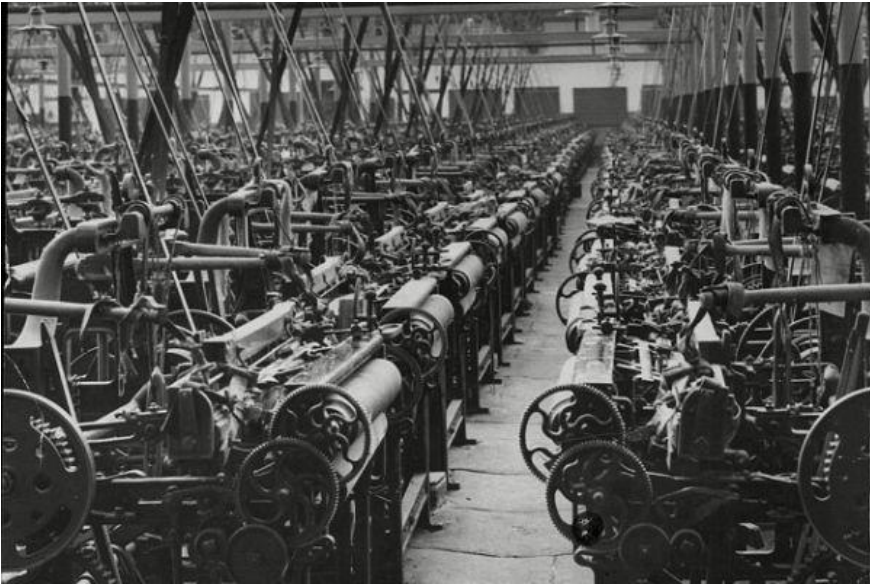


Image Source: Alamy

MASS PRODUCTION



Top left: Automobile factory; Top right: Automobile factory
Bottom left: Textile factory; Bottom right: Food factory

IMPACT ON ARCHITECTURE

Material

Social

Cultural

SOCIAL IMPACT OF IR

- Increased material wealth, restructured society, and created important new schools of philosophy
- Urbanization
- Poverty, exploitation and low wages
- Over crowding and crime
- Increase in disposable income
- Increase in mobility

IMPACTS ON MATERIALS

- Advent of Cast Iron, Wrought Iron, Glass and Steel
- Advent of Canals and Railroads

EXAMPLE 1: CRYSTAL PALACE, JOSEPH PAXTON



Source: blog.inoxstyle.com



That's all Folks!