

The Industrial Revolution

Central Questions

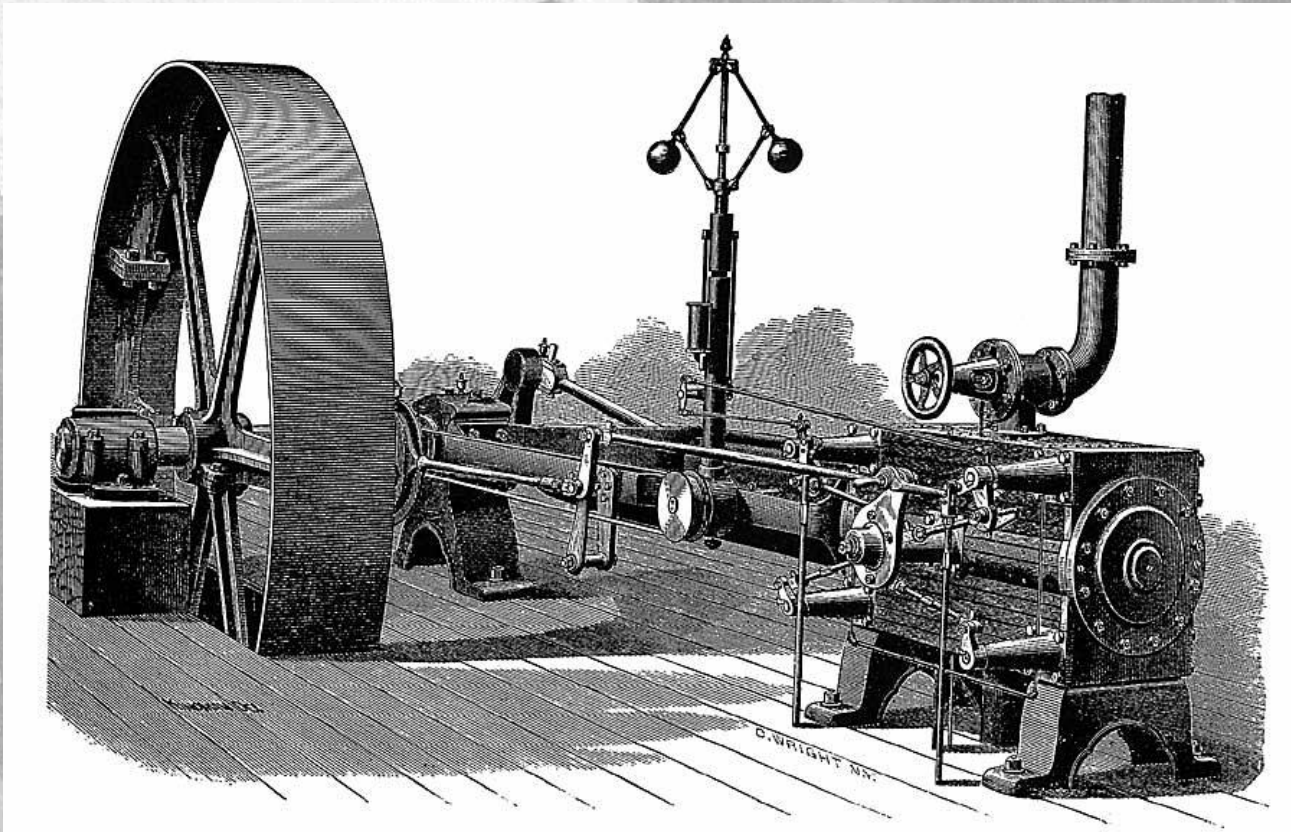
What was “Industrialization?” What were the key ingredients to it?

What were its advantages and disadvantages?

Was it a process unique to Europe?

Industrialization Defined

- The change in the methods of production to increase efficiency and productivity.



Process of Industrialization

Sequence of conditions that allowed for industrial revolution

- Food Production
 - Mechanical farm machines increased food production
- Population
 - More food provides a surplus allowing for a population boom
- Urbanization
 - People move to the cities looking for jobs
- Work Force
 - Large amounts of people in urban areas looking for work

Predicting results

What types of things does a country need in order to industrialize?

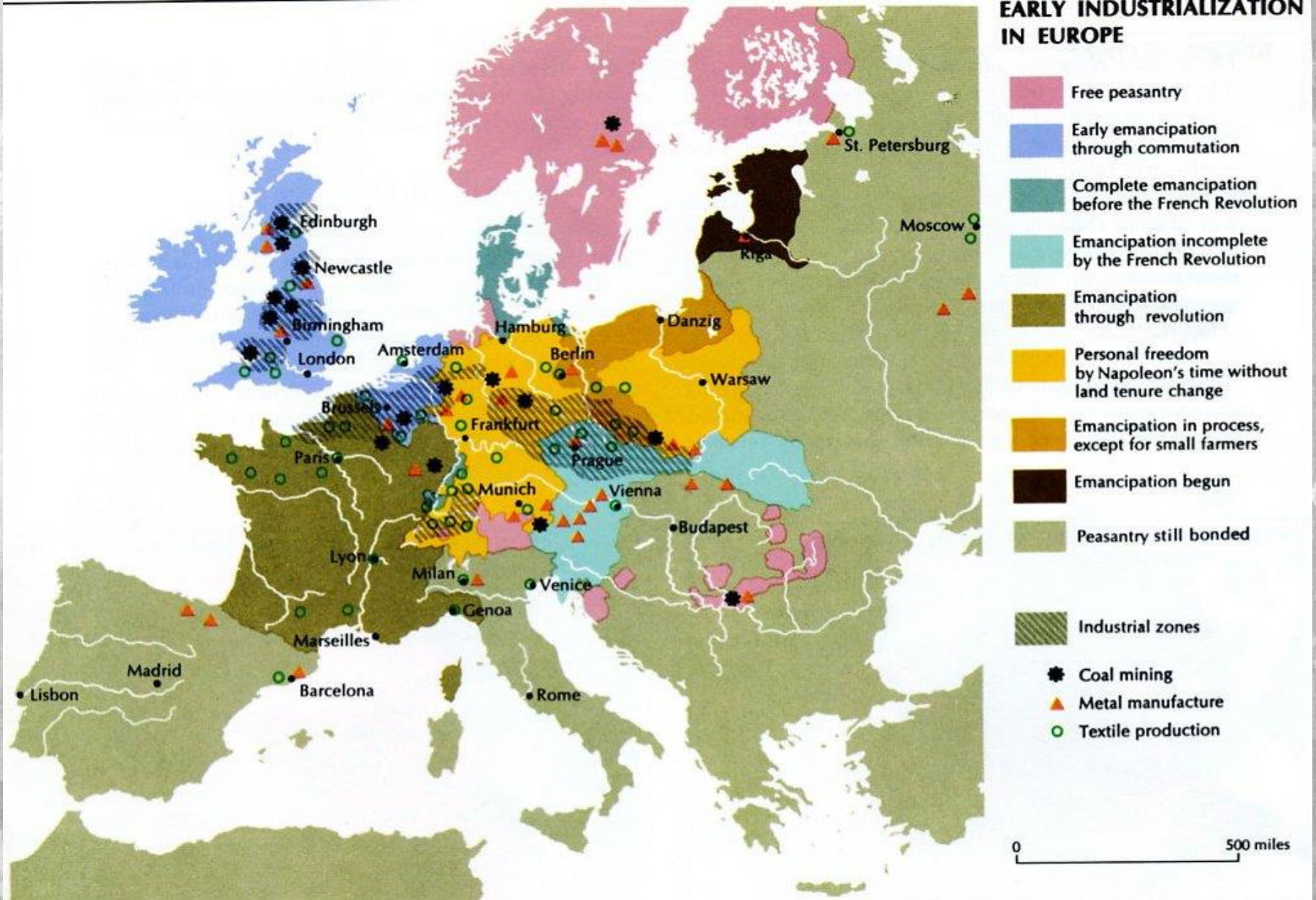
Ingredients Needed

- Semi-Reliable Market
- Effective Central Bank
 - With ability to issue Credit
- Easy sources of Transportation
 - Rivers
 - Roads
 - Development of Railroads
- Cheap Labor

- Natural Resources
 - Coking **Coal**
 - Iron Ore
- Means of Shipping products to foreign Markets
 - Interlinked Rail Systems
 - Merchant Marine

Which area of the world will be first to put all these elements together?

EARLY INDUSTRIALIZATION IN EUROPE



Central Question: In Which Area of Europe do you think Industrialization will start in?

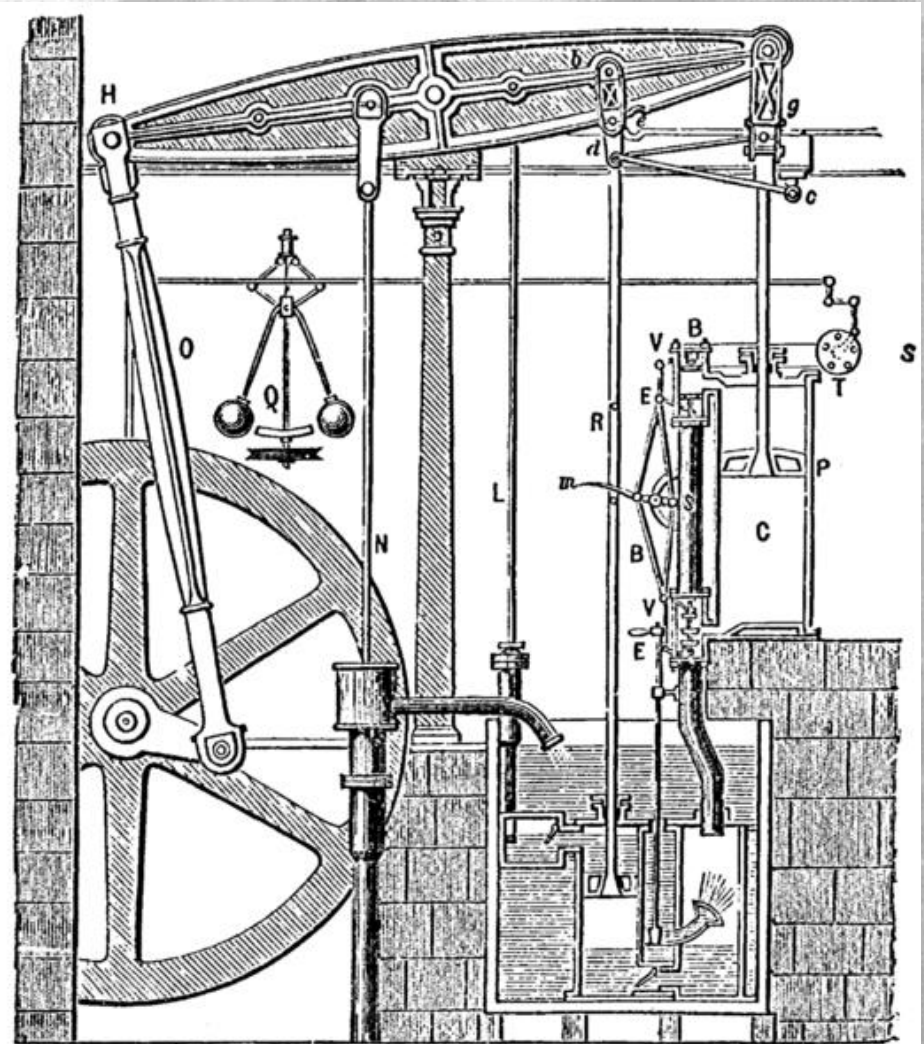
The Industrial Revolution in Britain

- Developed Banking System
- Connection to supplies and markets
 - Use colonies in India to grow cotton
 - Cotton shipped to Britain to be manufactured into cloth
 - Cloth is sold back to India and all over the world
- Easy access to Natural resources
 - Coal, and Iron

Britain becomes the “Workshop of the world”

Major Innovations

- James Watt Steam Engine
 - 1775 Scotland
- Eli Whitney's "Cotton Gin"
 - 1794 USA
- Thomas Edison's light bulb
 - 1879 USA
- Henry Ford's Assembly Line
 - 1913 USA



Impacts of the Industrial Revolution

- Cities
 - Cities become centers for factories and industry
- Farms
 - Machines replace manual labor



The Impacts of Industrialization

Living Conditions



Public Health Concern



Fashion



Child Labor



Women

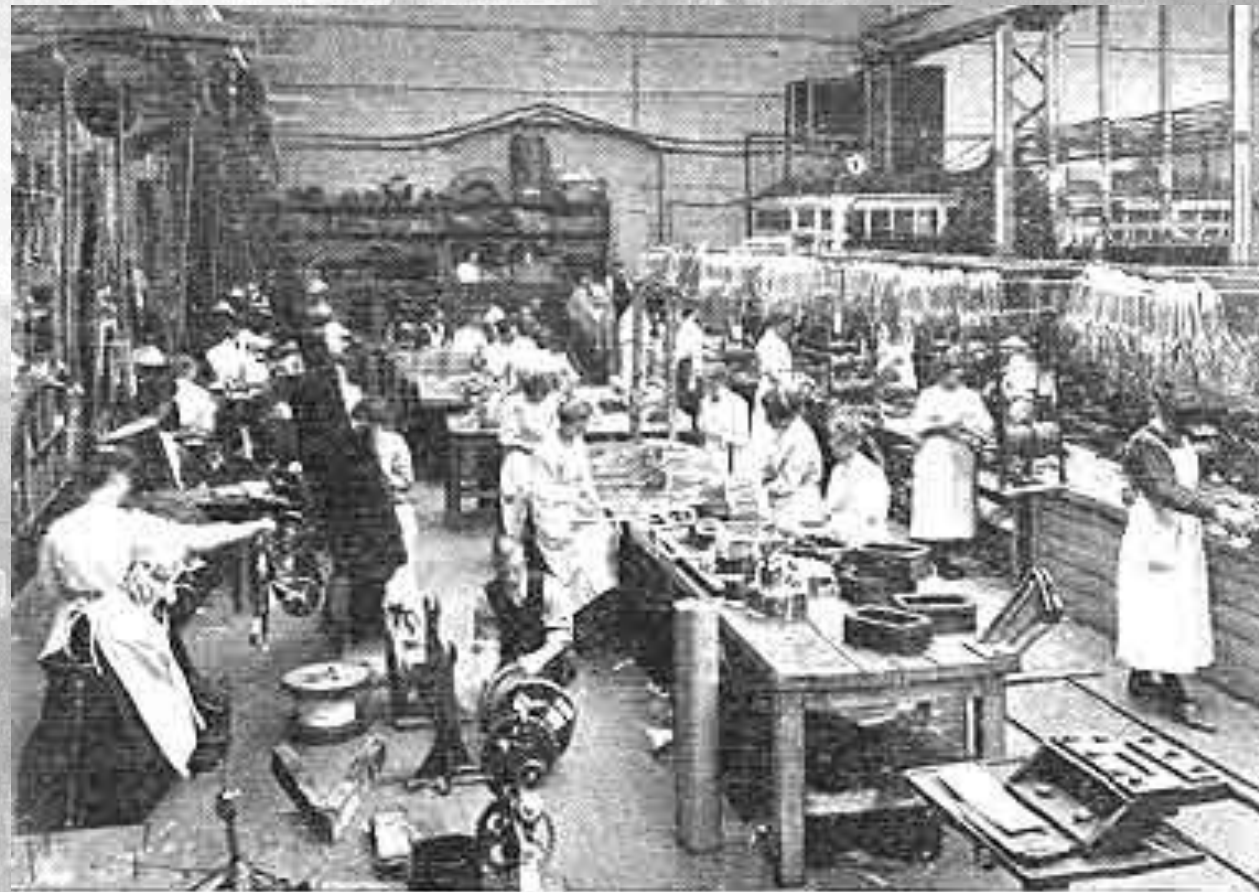


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Working Conditions



Urbanization



Population: 15

Chicago 1854



Population 55,000

Chicago 1898



BIRD'S-EYE VIEW OF THE BUSINESS DISTRICT OF CHICAGO

Population 1,698, 575

Escapism

