

# Industrialization in the Late Nineteenth Century

# Some basic questions:

#1

What caused it (or at least helped it along)?

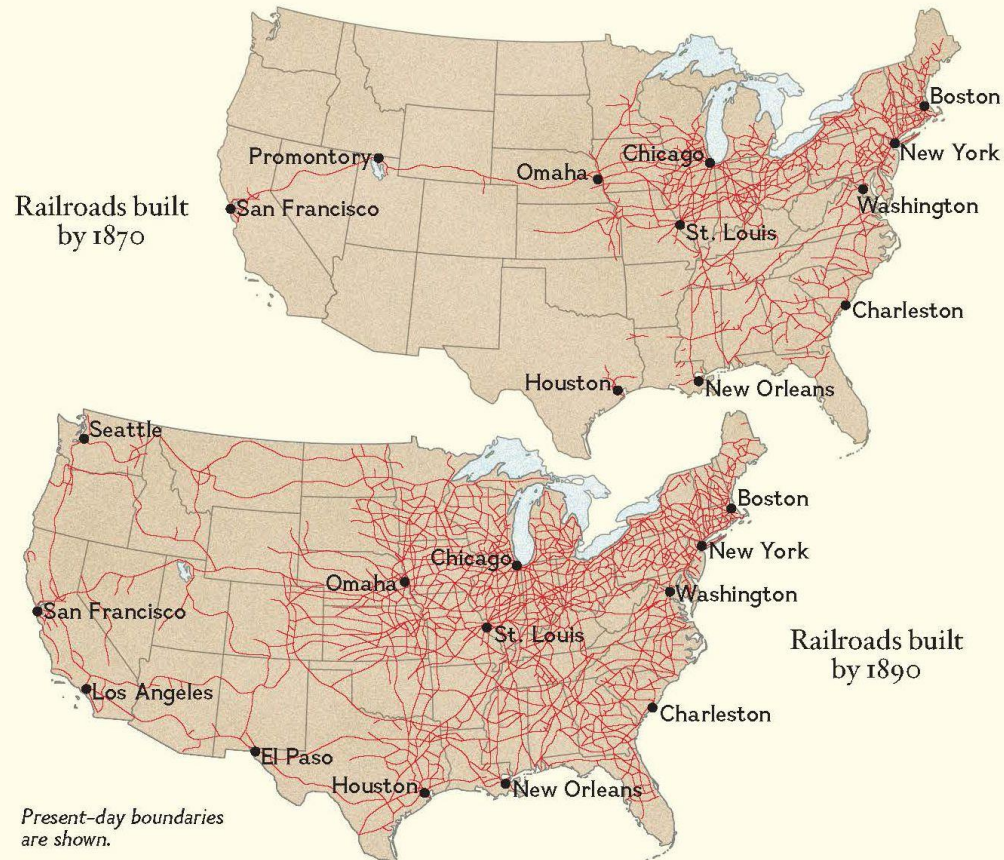
#2 and #3...

Coming soon!

# The Railroads as a Catalyst

How do the railroads fuel  
economic expansion?

# The 19<sup>th</sup> Century Internet



How did the railroads monetize  
“latent resources”?

How did the railroads create  
markets?

How did the railroad create jobs?

How did the railroads promote migration to the West?

How did the railroads change the way of “doing business”?

What other factors encourage economic growth?

How did each factor encourage economic growth?

Abundance of natural resources

# Foreign investment

Follow up question:  
Why Great Britain?

# Government assistance to business

# New Strategies and Processes

- Manufacturing
  - Farming

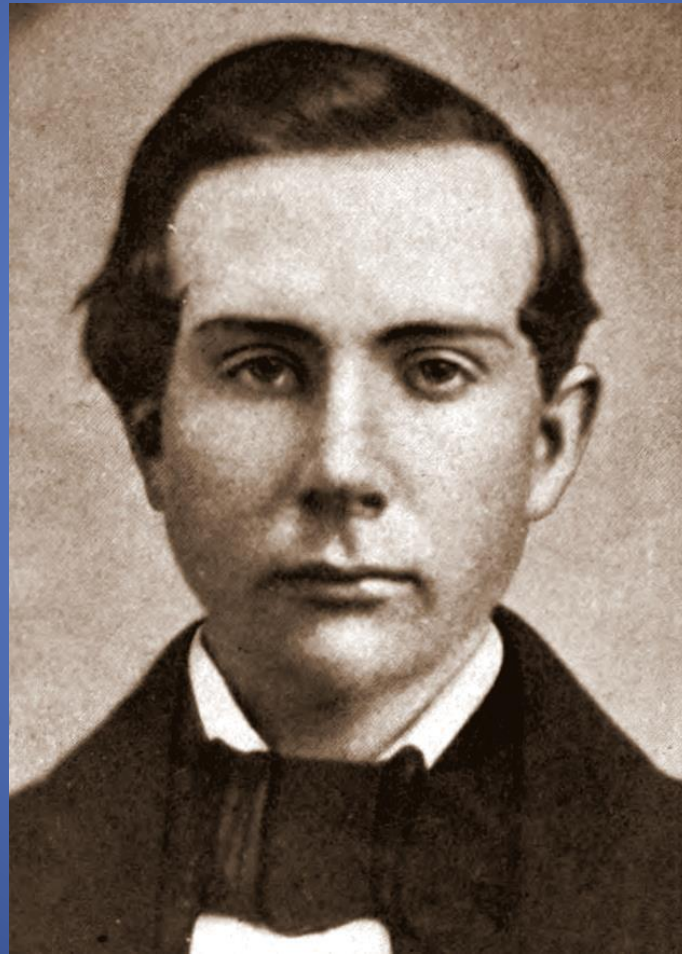
New methods of financing and  
administering businesses

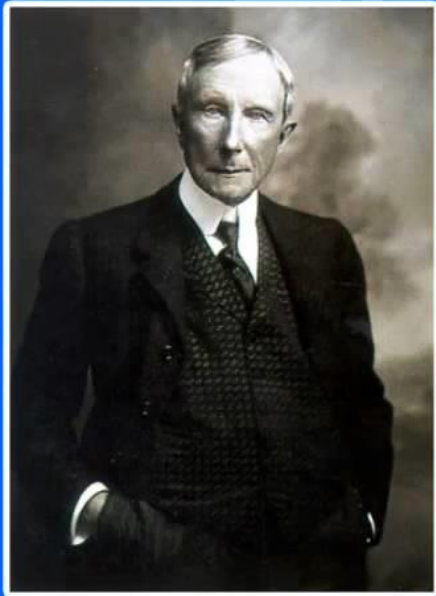
#2

*HOW* did the process of  
modern industrialization  
occur?

# The Four “C”s

# John D. Rockefeller



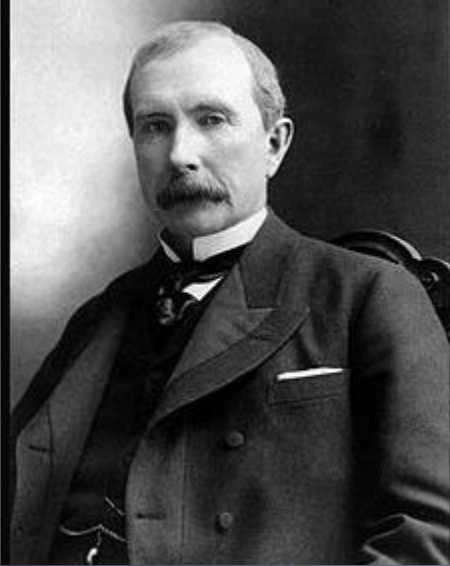


**I can think of nothing less  
pleasurable than a life devoted  
to pleasure.**

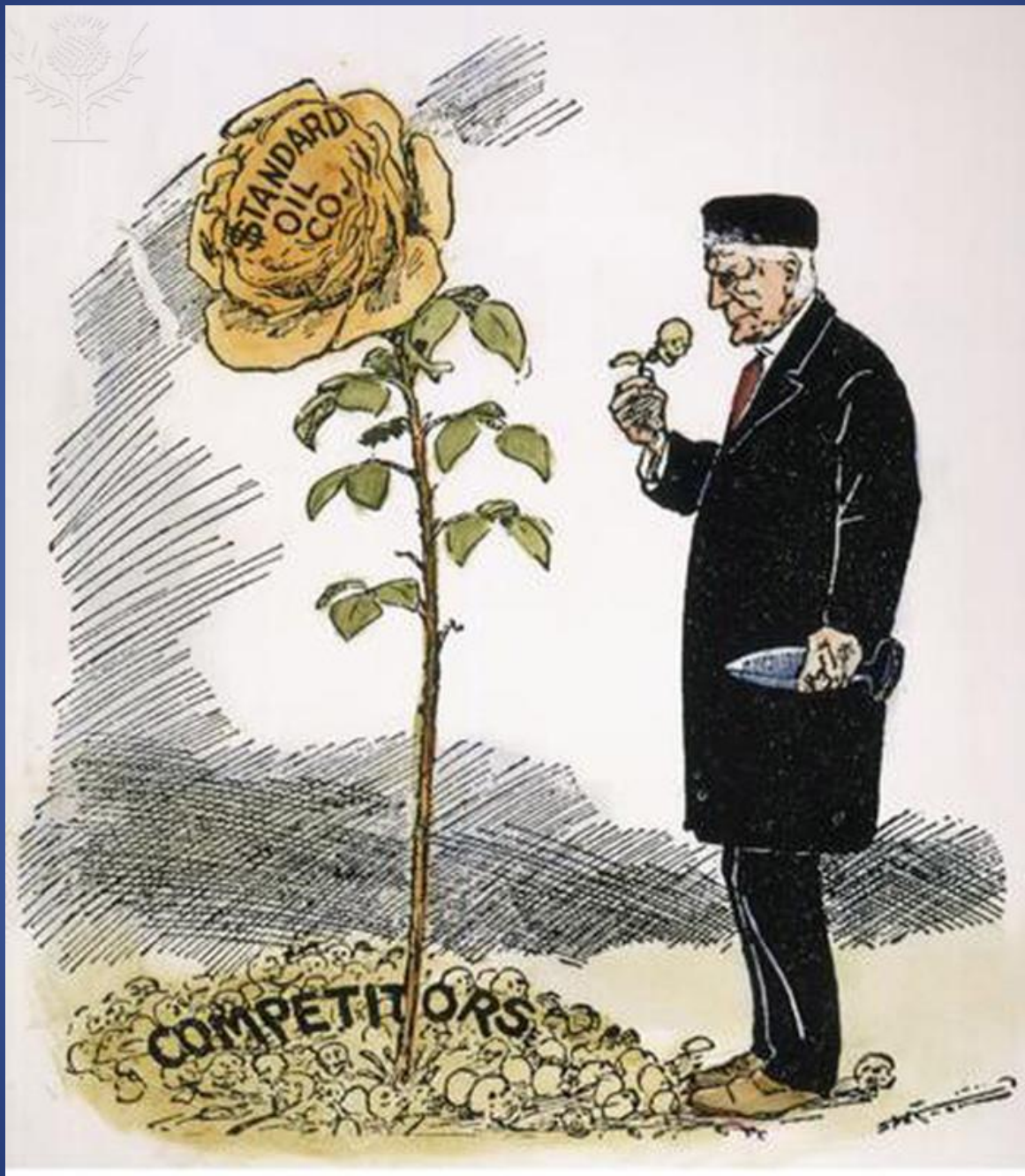
**- JOHN D. ROCKEFELLER**

# The Four “C”s

- Competition



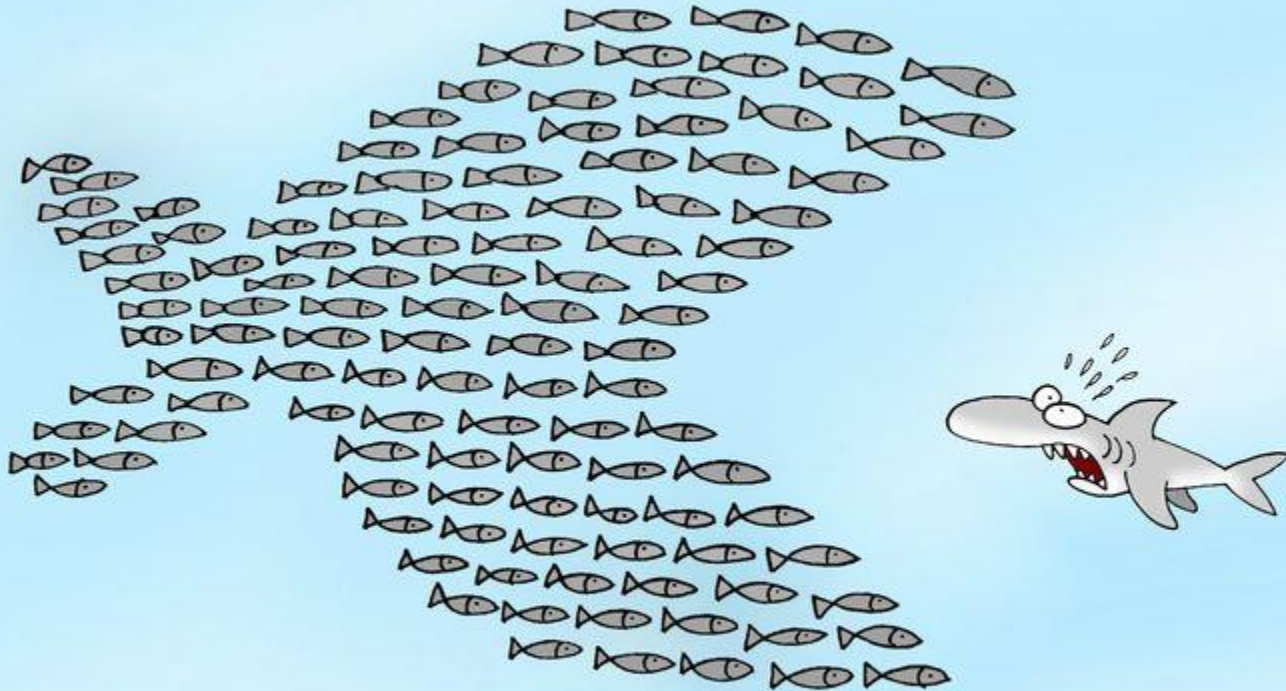
Competition is a sin.  
(John D. Rockefeller)



# The Four “C”s

- Competition
- Cooperation

# Cooperation



# The Four “C”s

- Competition
- Cooperation
- Consolidation  
(Horizontal Integration)

## Horizontal Consolidation



Independent oil refineries

purchased  
by  
Rockefeller



Standard Oil Company

SHARES \$100 EACH

# STANDARD OIL TRUST



8949

SHARES

THIS IS TO CERTIFY THAT

entitled to \_\_\_\_\_ Shares in the equity to the  
 property held by the Trustees of the Standard Oil Trust, transferable only on the  
 books of said Trustees on surrender of this certificate. This Certificate is issued upon  
 condition that the holder or any transferee thereof shall be subject to all the provisions  
 of the agreement creating said Trust and of the by-laws adopted in pursuance of said  
 agreement as if \_\_\_\_\_ had signed the said Trust Agreement  
 in the hands of the President, Secretary and Treasurer of the Board of  
 Trustees, this \_\_\_\_\_ day of \_\_\_\_\_ 189\_\_\_\_ at the City of New York.

Secretary

*J. D. Rockefeller* President  
 Treasurer

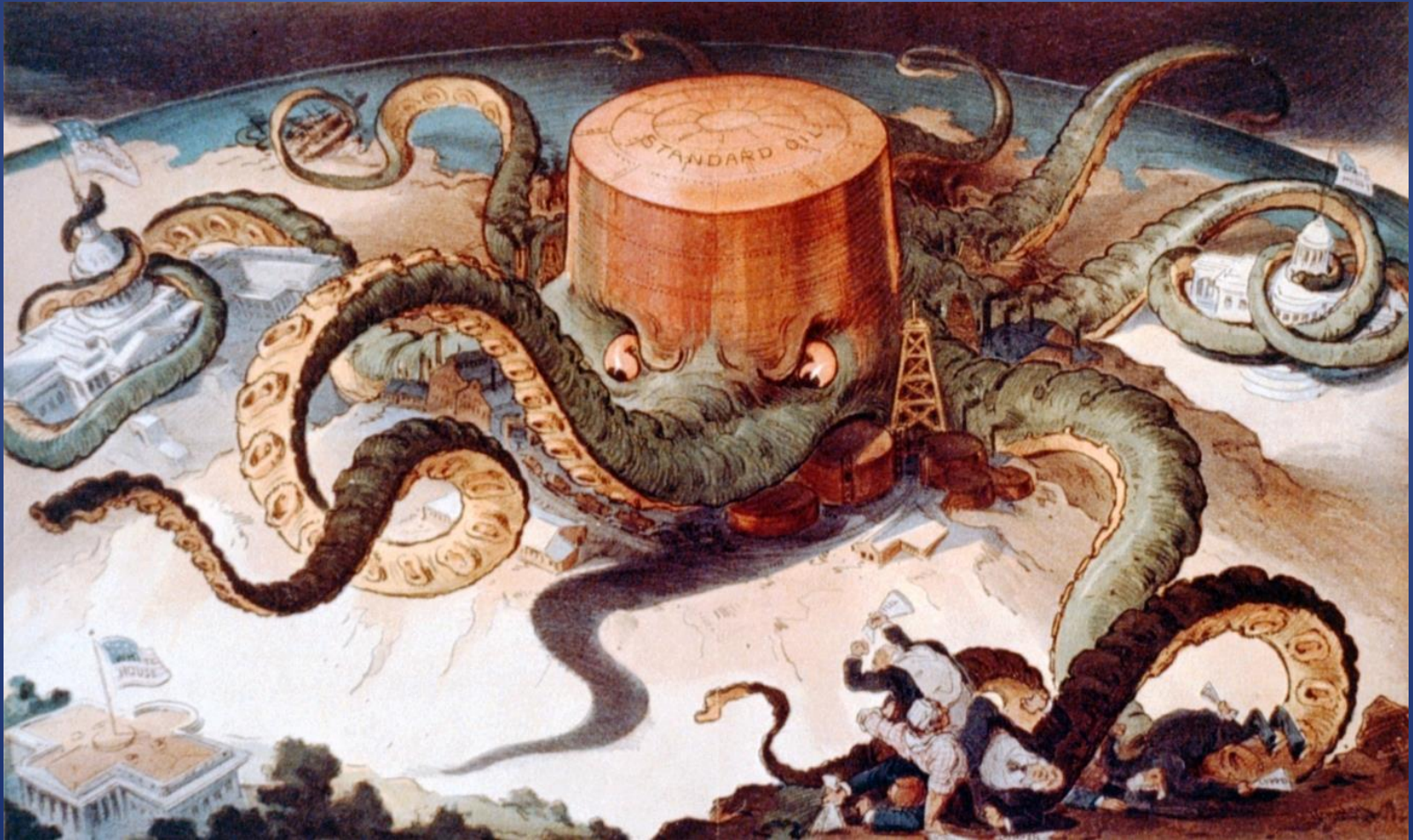




He's [John D. Rockefeller] kind iv a society f 'r the previntion of croolty to money. If he finds a man misusing his money he takes it away fr'm him an' adopts it.

















(Finley Peter Dunne)

# “Let us Prey”



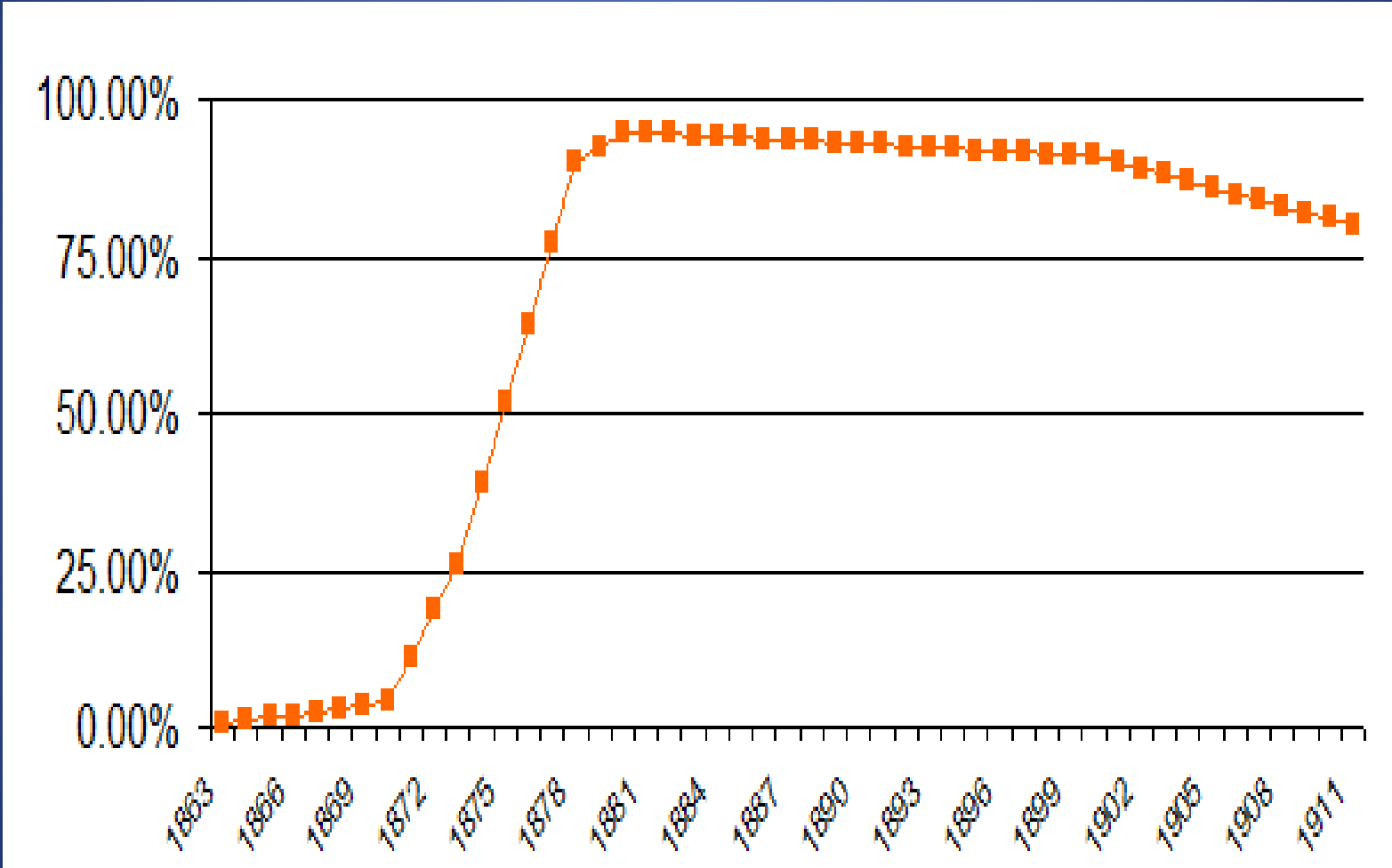
**General  
Stages of  
oil production**

**Companies**

	Company A	Company B	Company C	Company D
<b>Drilling</b>				
<b>Transportation</b>				
<b>Refining</b>				
<b>Sales &amp; Distribution</b>				

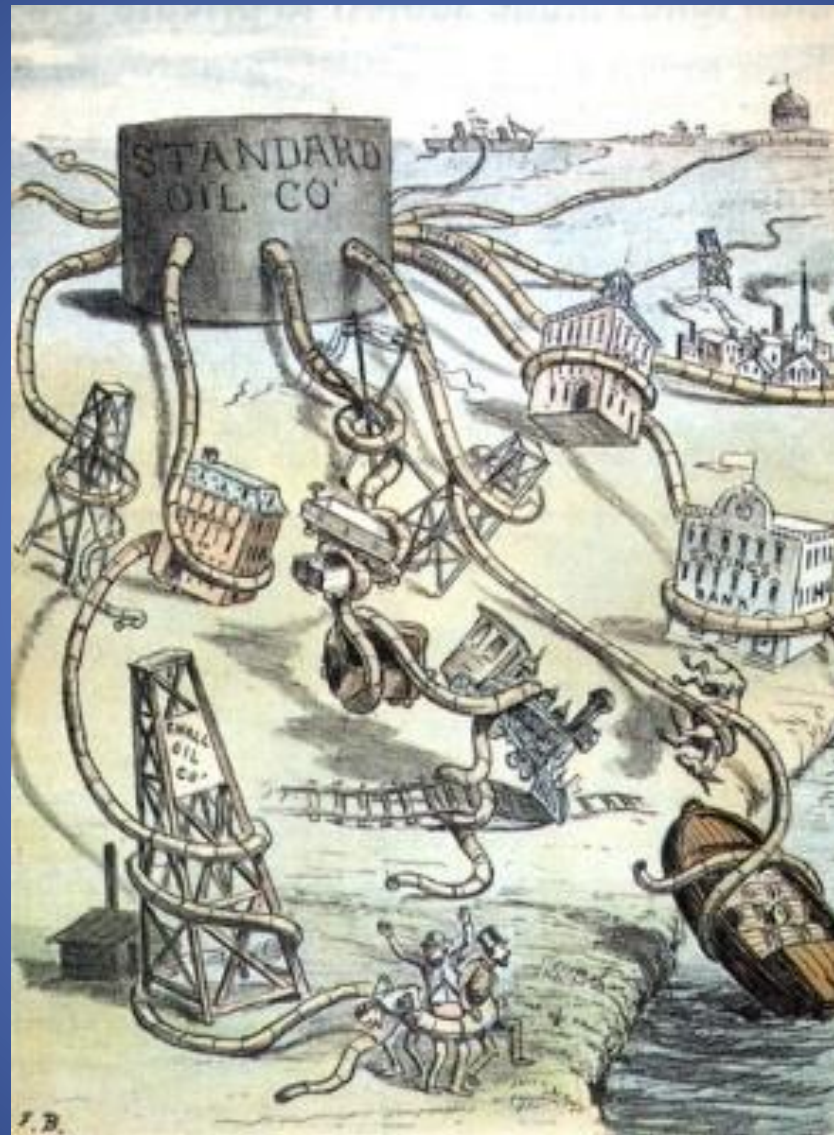


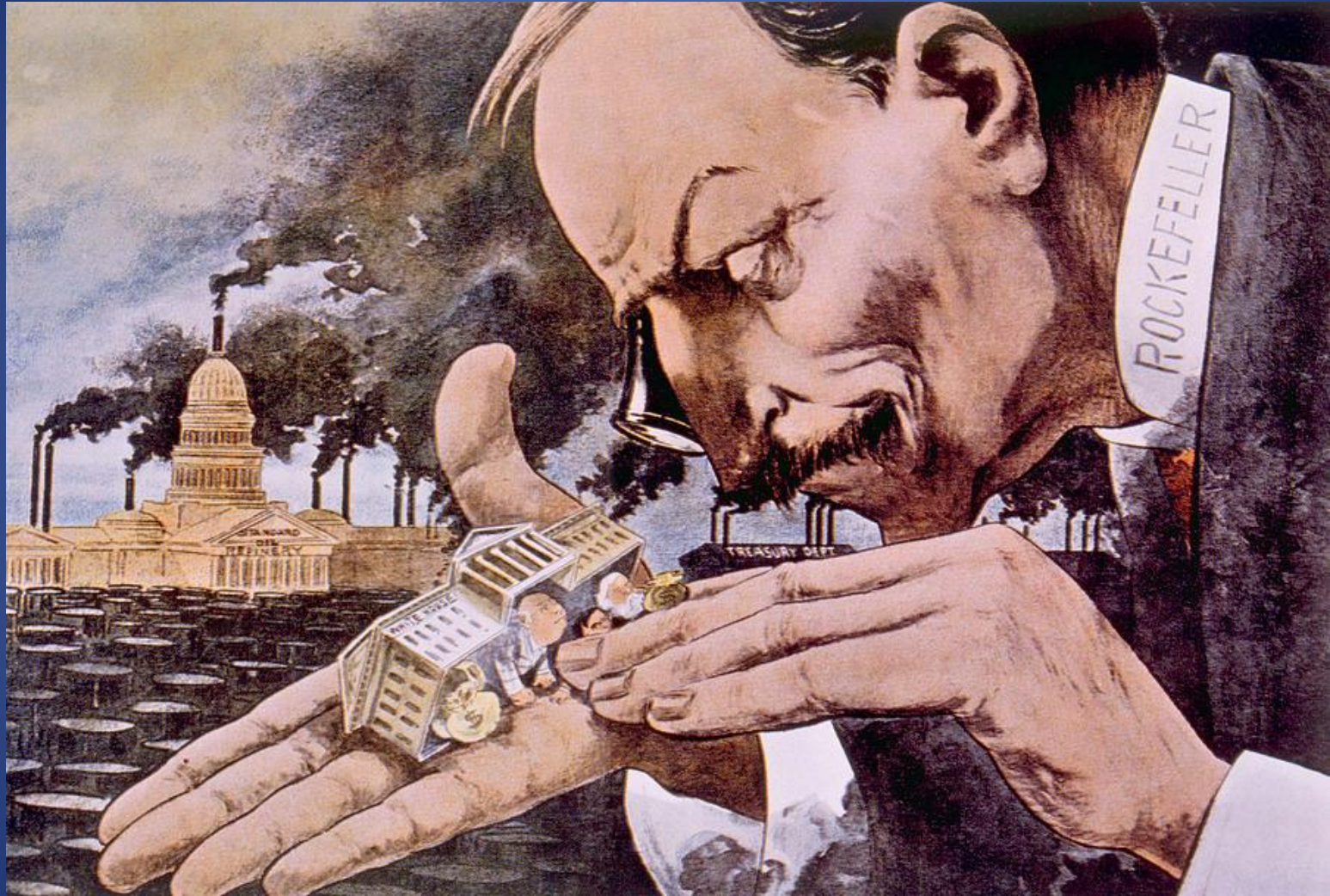
# Rockefeller's Market Share 1863-1911



# The Four “C”s

- Competition
- Cooperation
- Consolidation  
(Horizontal Integration)
- Centralization  
(Vertical Integration)







*J.D.R. - f - - - -  
now - If that is all*

*But They  
He said gentleman?*

*O look at the  
biled shirts*

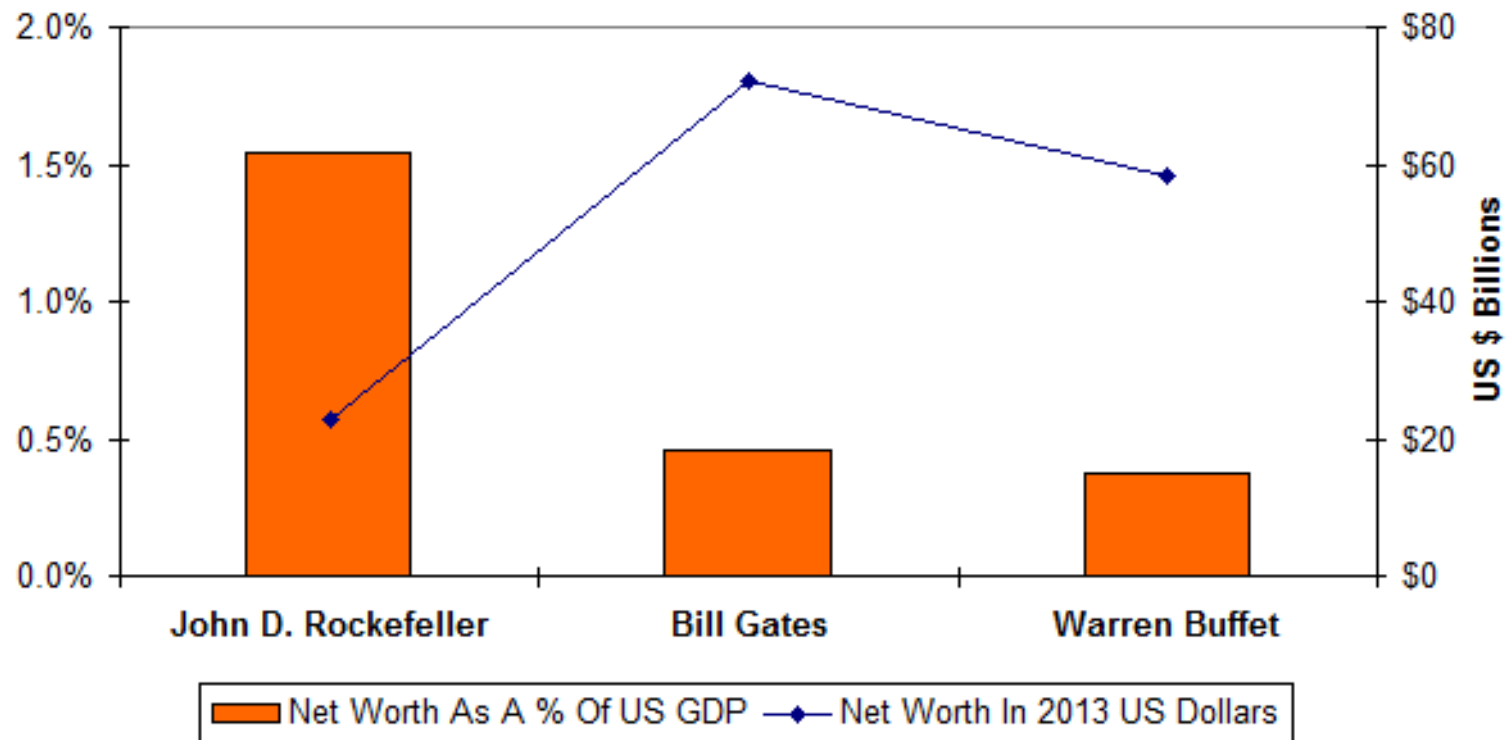
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PF 2843

C.J. Taylor

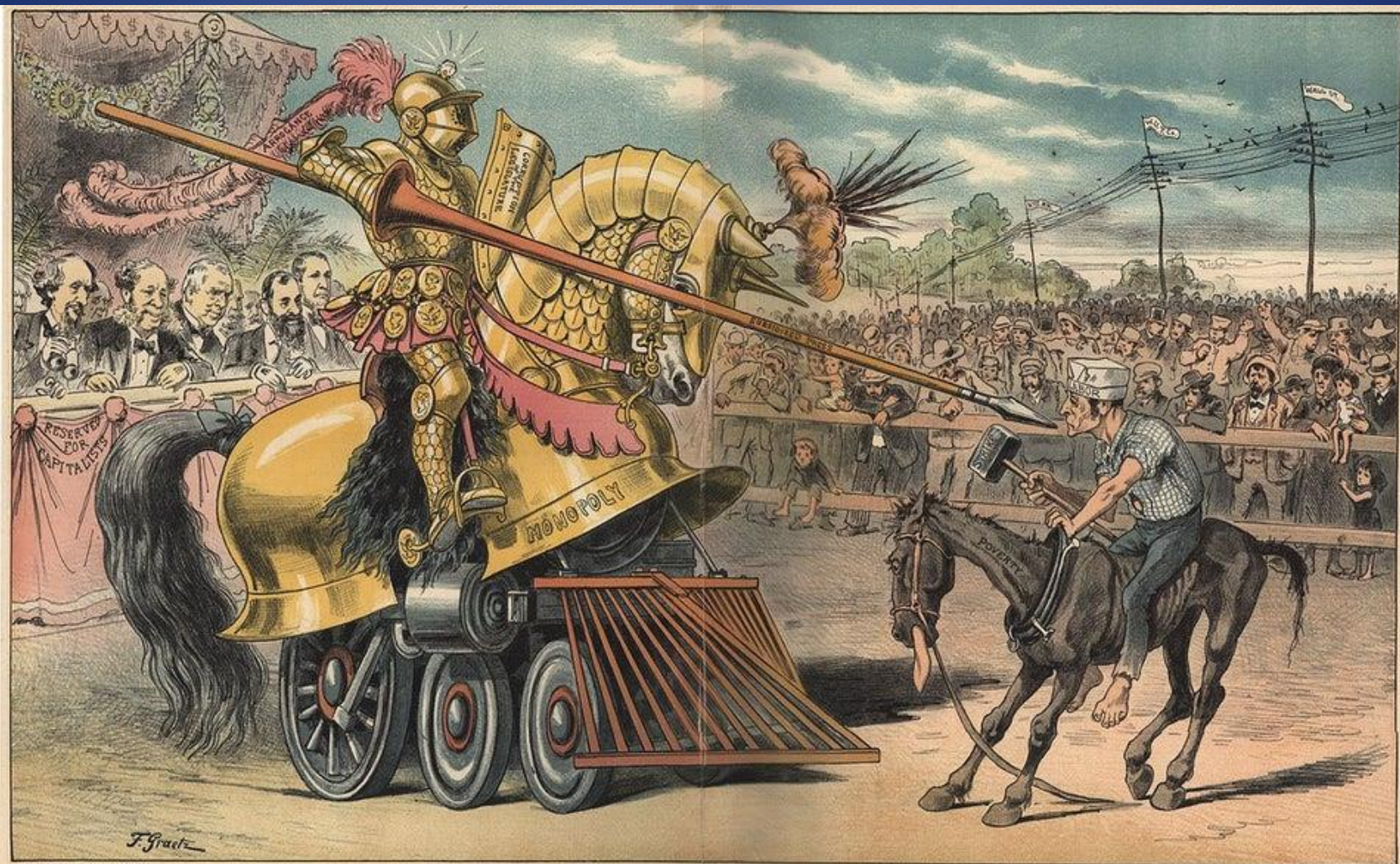
SCANPIX





#3

How did the new economy  
affect people?



F. Gratz

THE TOURNAMENT OF TODAY.—A SET-TO BETWEEN LABOR AND MONOPOLY.

OFFICE OF HUNTER & HARRIS, 115 N. 3RD ST., PHILADELPHIA, PA.

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“Liberty produces wealth, and  
wealth destroys liberty.”

“Competition destroys competition.”

-Henry Demarest Lloyd