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## Eine kurze Geschichte der Digitalisierung

Die letzten 1000 Jahre und was das für uns heute bedeutet

# Making of a Digital World (2008)

Empirische Untersuchung der Entwicklung hin zu einer digitalen Welt

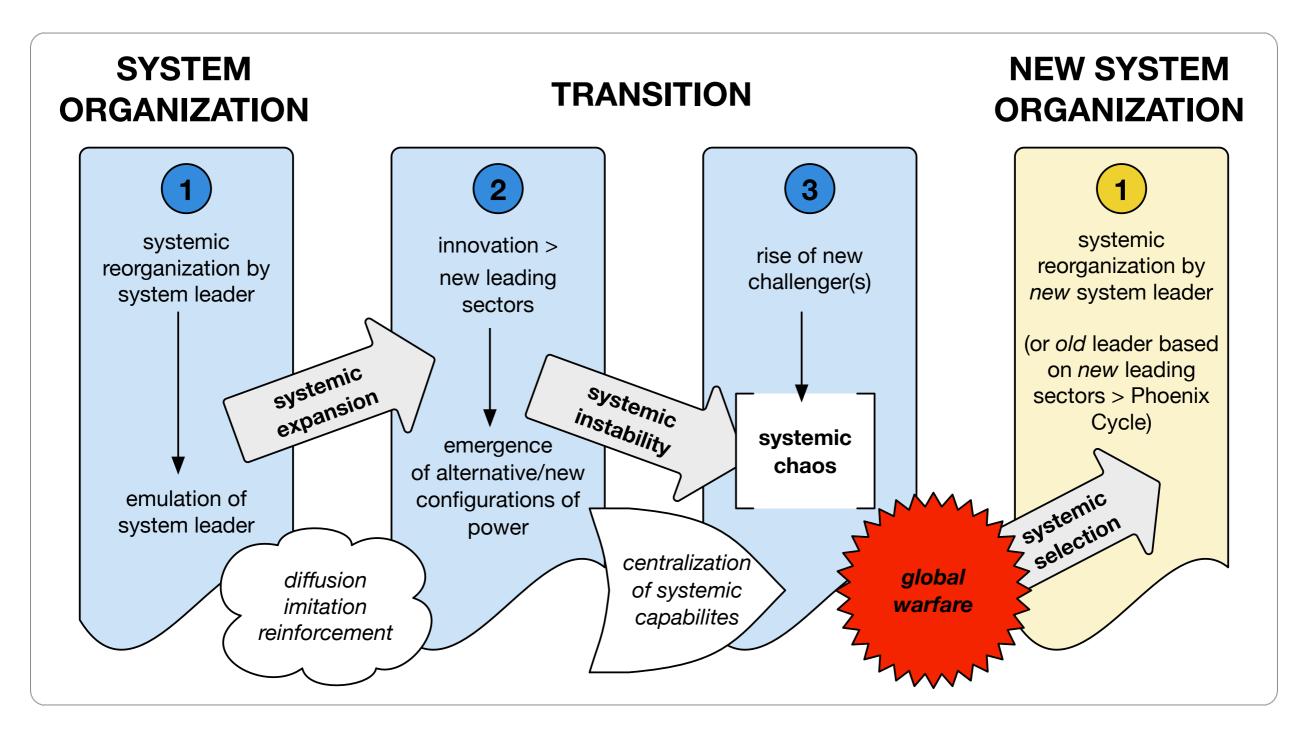
## THE MAKING OF A DIGITAL WORLD

The Evolution of Technological Changes and How It Shaped Our World

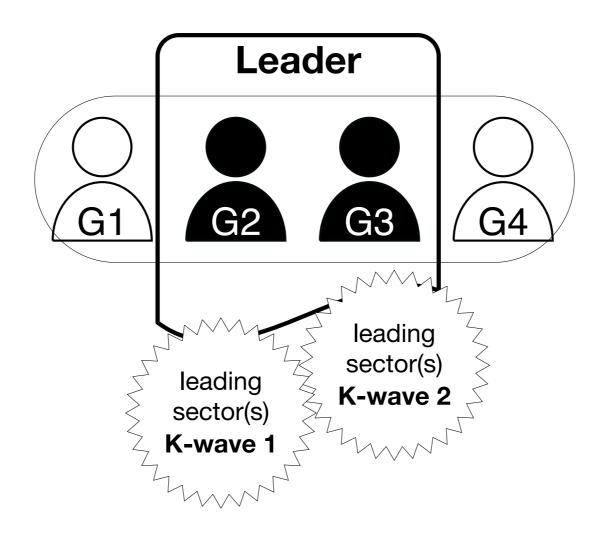
JOACHIM RENNSTICH



### **Hegemonic Transition Cycle**



#### **Buddenbrook Cycle**

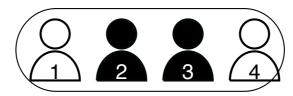




Pre/Post K-wave Generation Founder and tail generation 25-30 yrs



K-wave
Generation
Leading sector
generation
25-30 yrs



Generational
Buddenbrook cycle
Four consecutive
generations
100-120 yrs



K-waves leadingsector based 25-30 yrs Leader

Long cycles of systemic leadership 100-120 yrs Song-China (Nord) 930 - 1060

 markiert Beginn der modernen Globalisierung und des Nukleus des kapitalistischen Systems von heute

Entwicklung von Druck
 Technologien/Papier Industrie

 später Entwicklung eines nationalen gemeinsamen Marktes

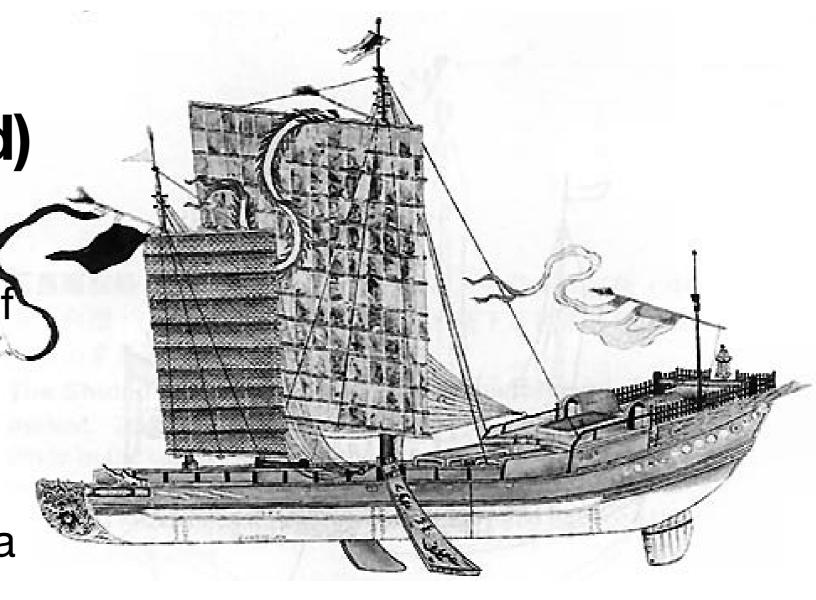


Song-China (Süd)

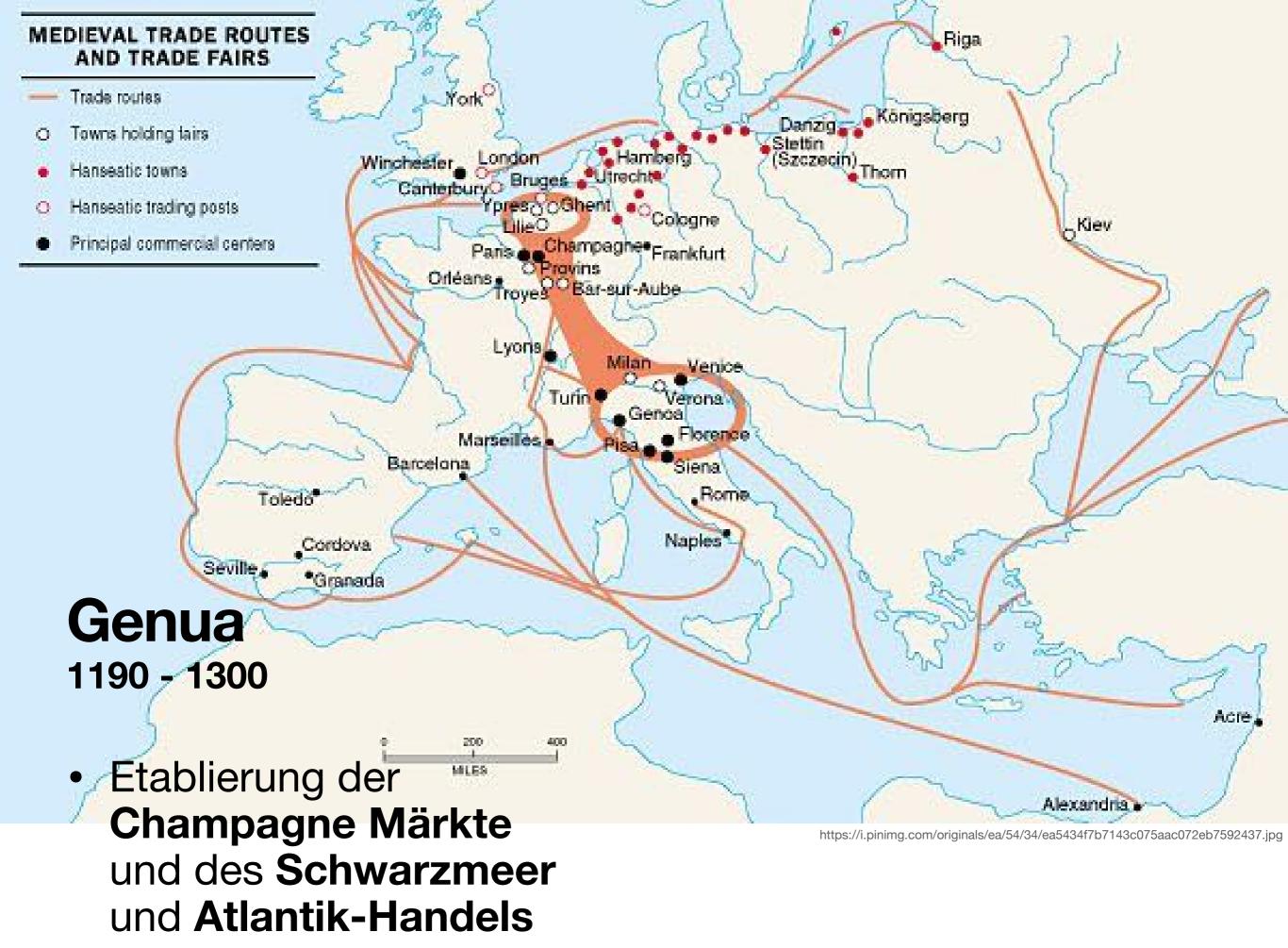
1060 - 1190

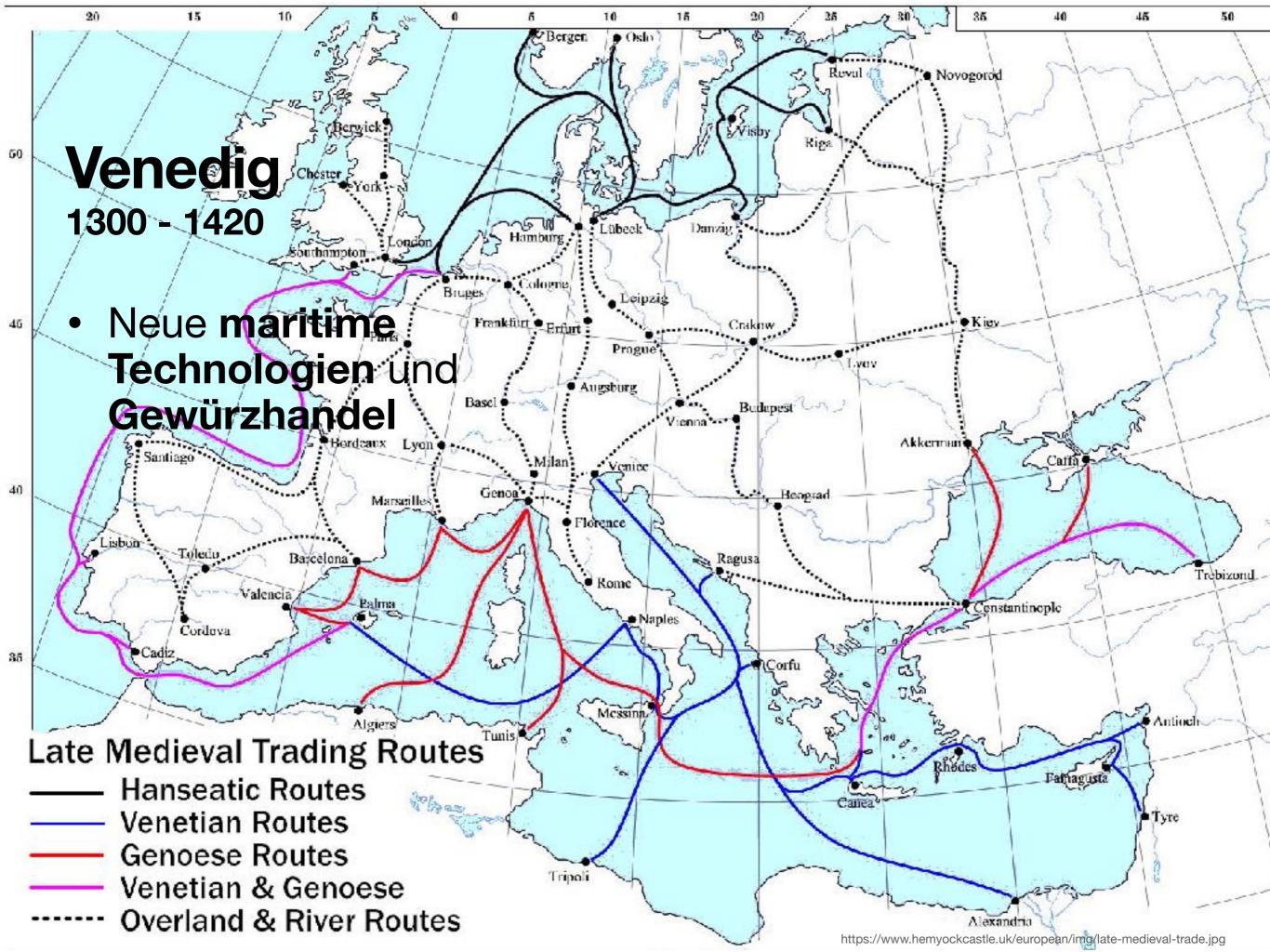
 Weiterentwicklung auf Basis grundlegender administrativer Reformen

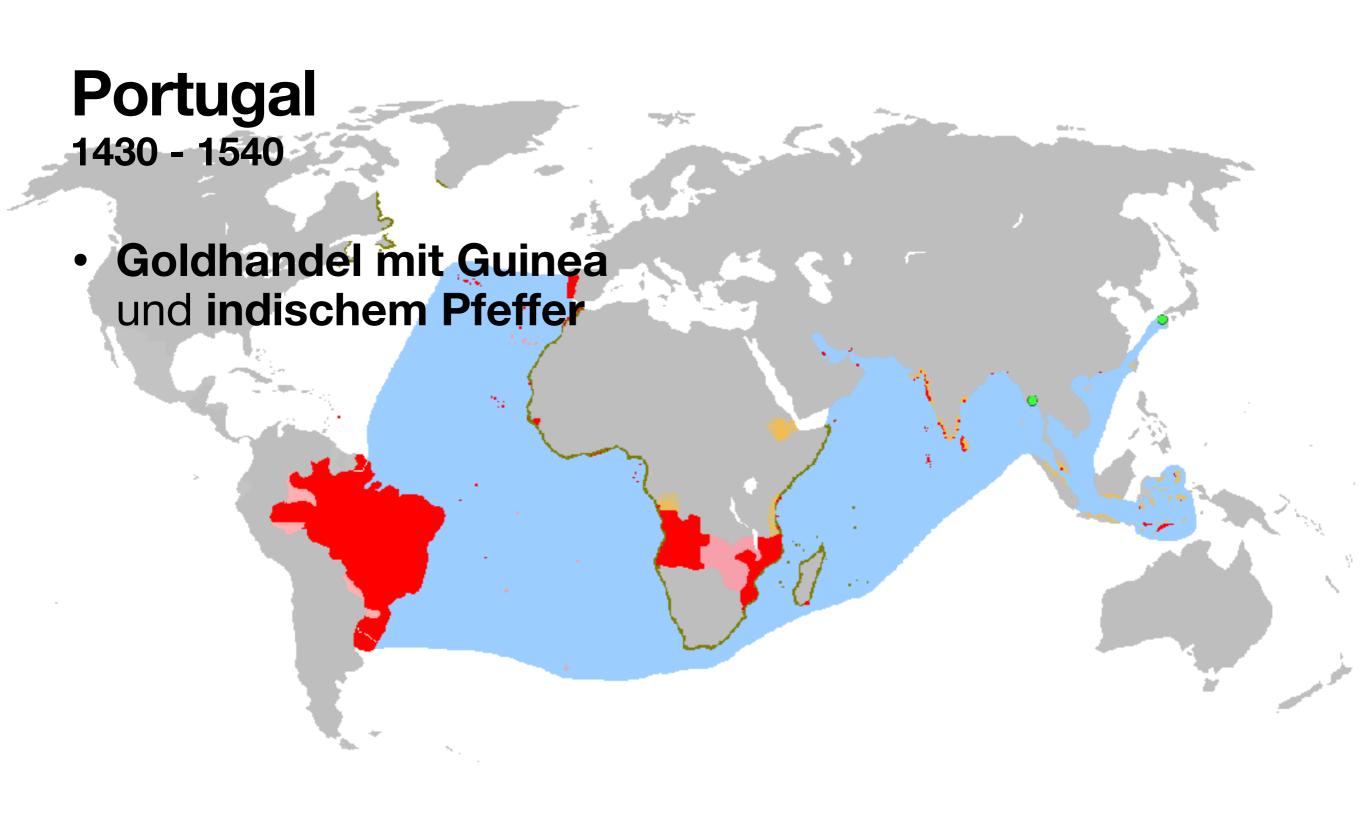
 Entstehung von China als maritimer
 Weltmacht



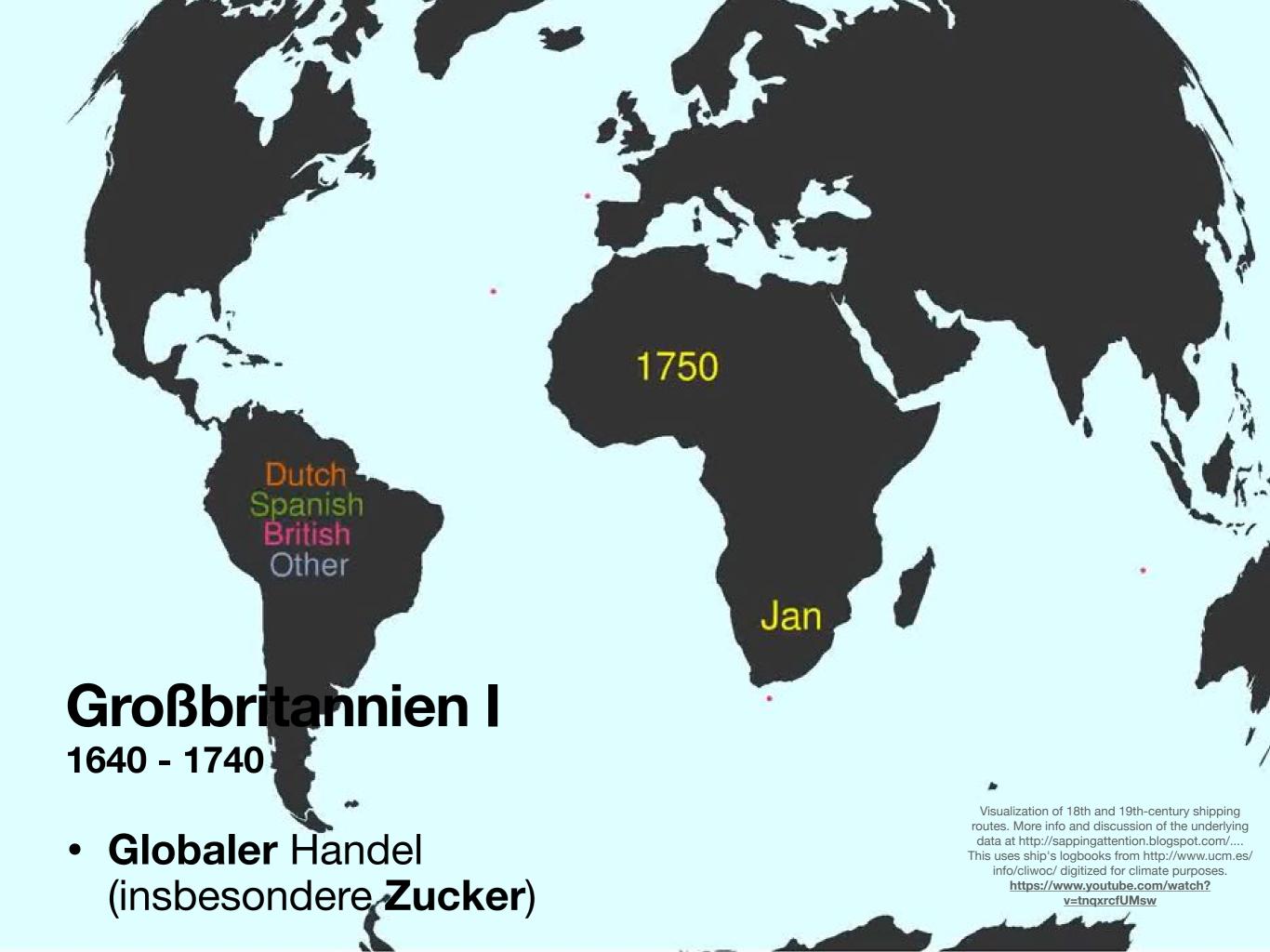
https://upload.wikimedia.org/wikipedia/commons/6/6b/SongJunk.jpg

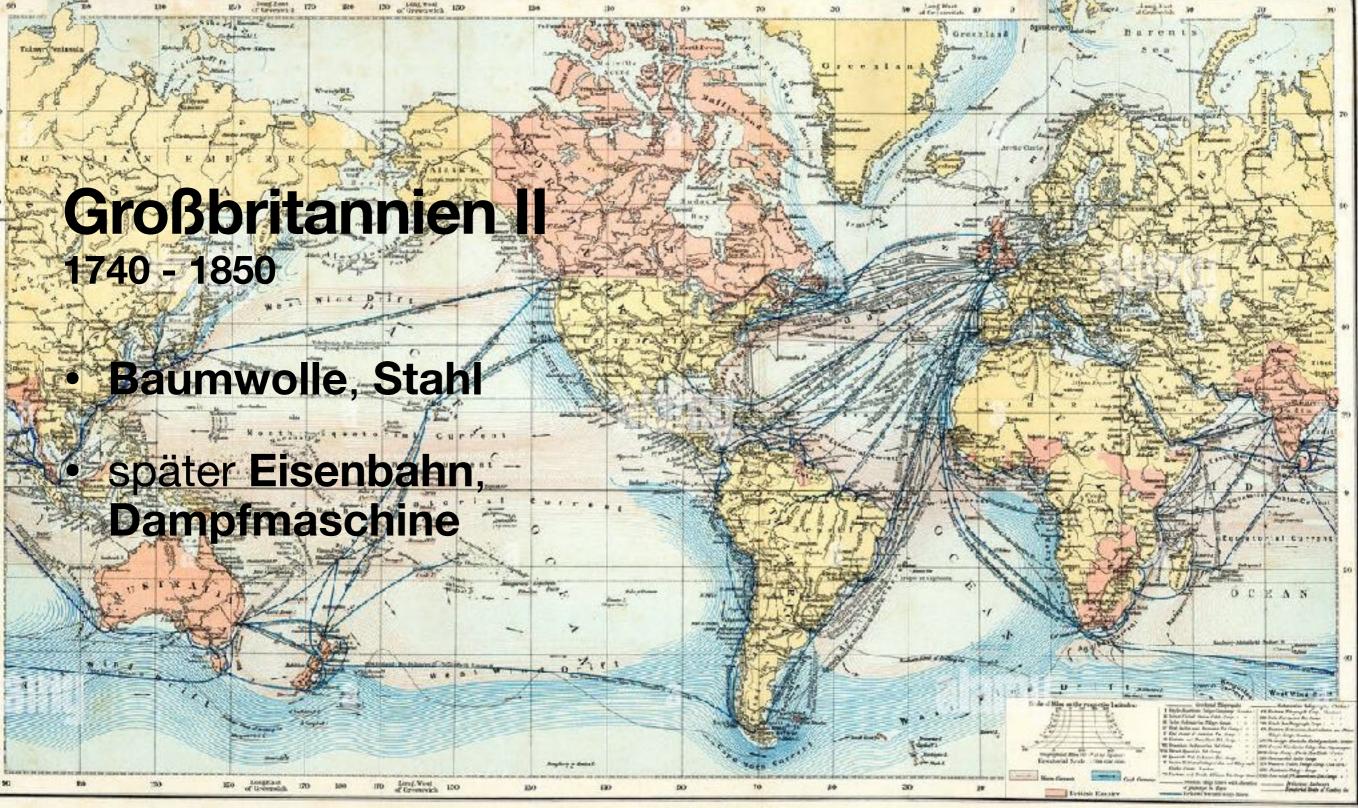










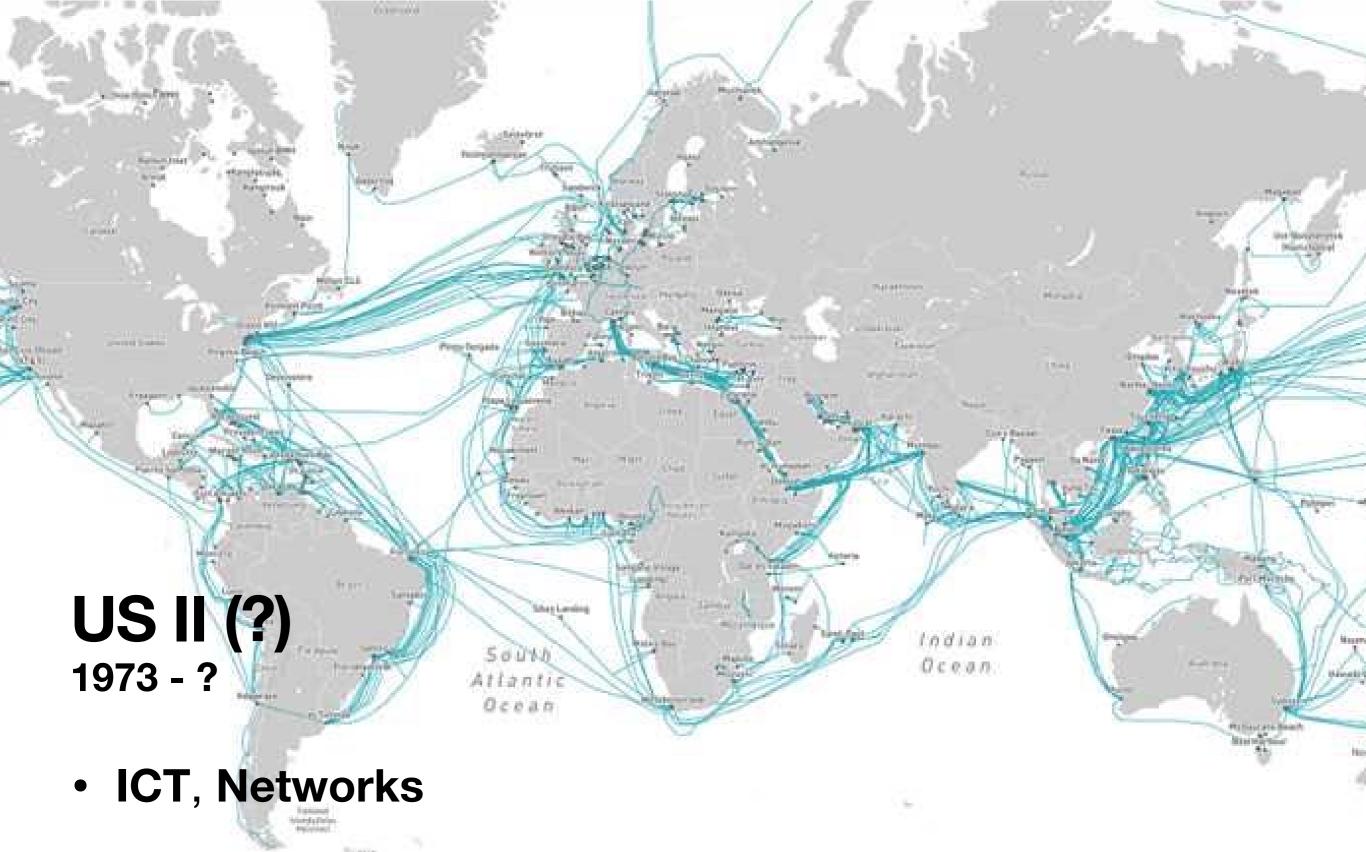


THE QUEEN'S EMPIRE
SHOWING THE COMMERCIAL ROUTES OF THE WORLD, AND OCEAN CURRENTS



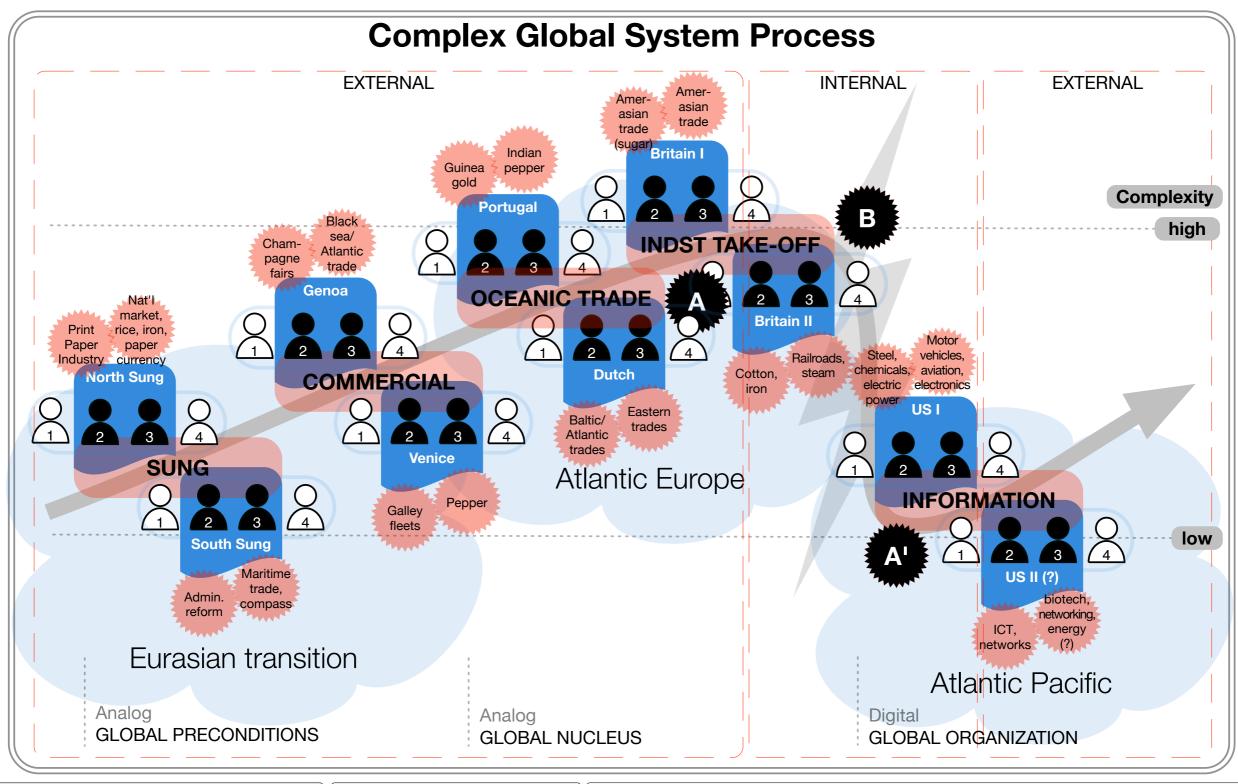
später Automobil,
 Luftfahrt, Elektronik

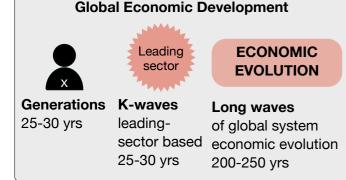
https://www.history.com/.image/c\_limit%2Ccs\_srgb%2Cq\_auto:good%2Cw\_700/MTcxNDE1NTUwNjkyNTAxMTcx/henry-ford-gettyimages-51098603.webp



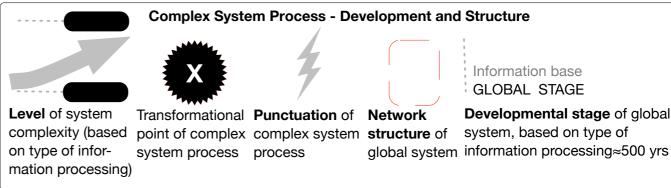
 Biotech, Networking, Energie

April 2019 - Weltweites Datennetzwerk https://www.capacitymedia.com/lmage/Servelmage?id=47325&w=780&h=442&cr=true







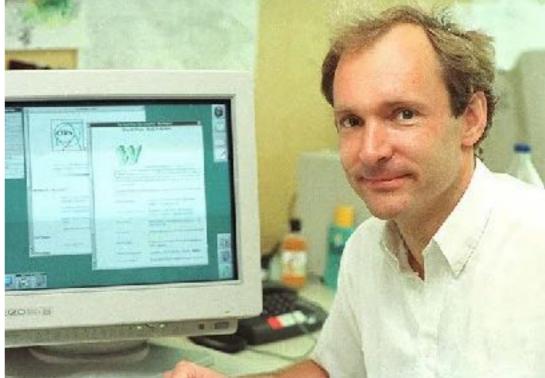




https://en.wikipedia.org/wiki/File:IPhone\_1st\_Gen.svg



https://en.wikipedia.org/wiki/Apple\_II#/media/File:Apple\_II\_typical\_configuration\_1977.png



https://www.scinexx.de/wp-content/uploads/w/w/www1g.jpg

### Internet of Things (IoT)





## Big 5 - GAFAM

Google (Alphabet)

**Apple** 

Facebook (Meta)

**Amazon** 

**Microsoft** 

#### So, und jetzt?

Was das Morgen mit dem Heute zu tun hat

- Public vs. Private Weltsystementwicklung
- Platform/Digitaler Kapitalismus 

   Kulturisierung



Agency (multilevel)

#### Weiterführende Literatur

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