



WIKIMEDIA
SUOMI

Information Design Course at Aalto University, Helsinki

Assignment: *Improve Wikipedia!*



The course was two weeks long.

The first week started with an introduction to information graphics, its genres (from maps to graphs) and techniques.

The first course assignment was to make new content for Wikipedia.

Brief:

Pick an economics-related Wikipedia article and improve it with information design.

You have two options:

- 1. Design from scratch*
- 2. Redesign*

1. New Design

Choose an interesting article.

Clarify its contents with a display of relevant information.

*Name your sources, be neutral,
no original research, be bold.*

2. Redesign

*Choose an interesting article with poor graphics.
Help out by taking the information in the picture
and giving it a better form.*

A place to start:

http://en.wikipedia.org/wiki/List_of_economics_topics

Some Examples from the Course

Money creation

through fractal reserve banking (expansionary monetary policy)

CENTRAL BANK

extends a loan to a commercial bank: New commercial bank money is created. Central bank can also create money by purchasing financial assets.

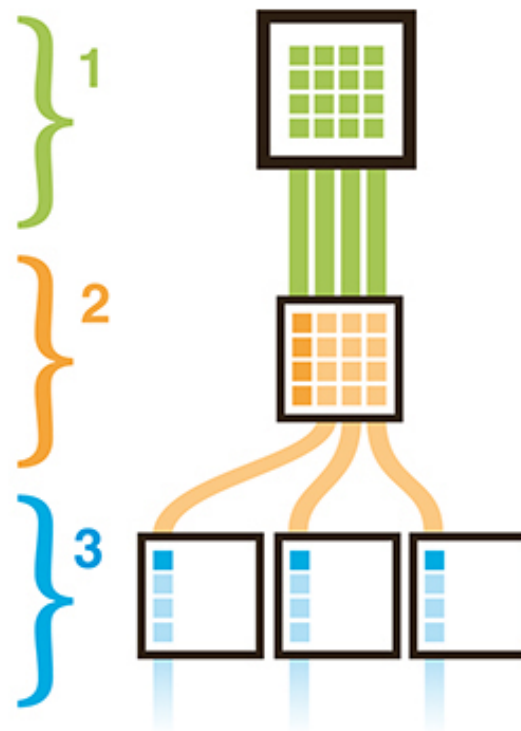
COMMERCIAL BANK

keeps the required fraction of loan sum as deposit, and extends a loan to other commercial banks.

OTHER BANKS

also keep the required fraction as deposit, and are free to re-loan the rest. **Because the loan counts as money, the total monetary supply increases.**

As a loan is paid back, more commercial bank money disappears from existence. Since loans are continually being issued in a normally functioning economy, the amount of broad money in the economy remains relatively stable.

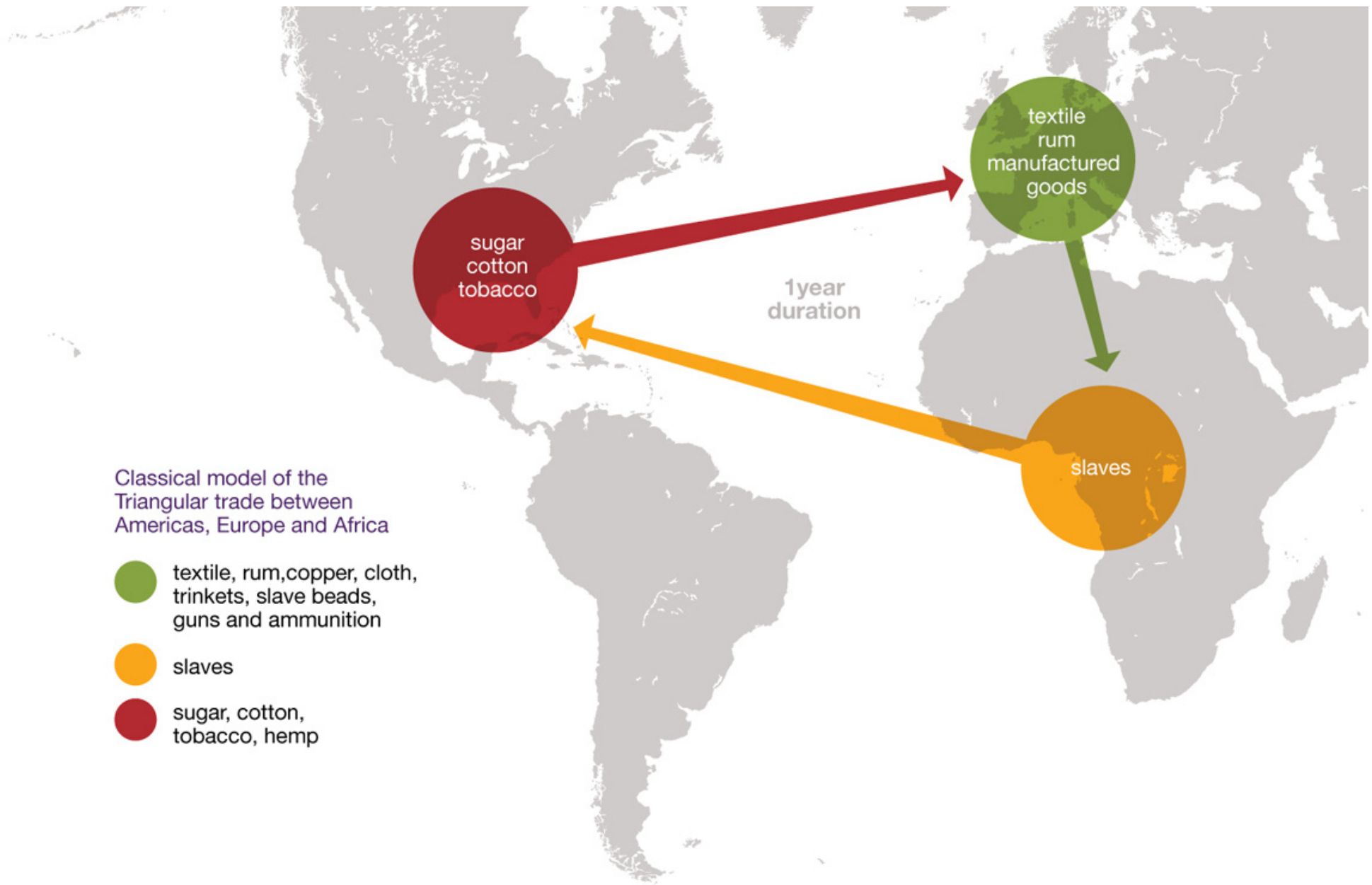


Central Bank Money



Borrowed Money (cash + deposits)





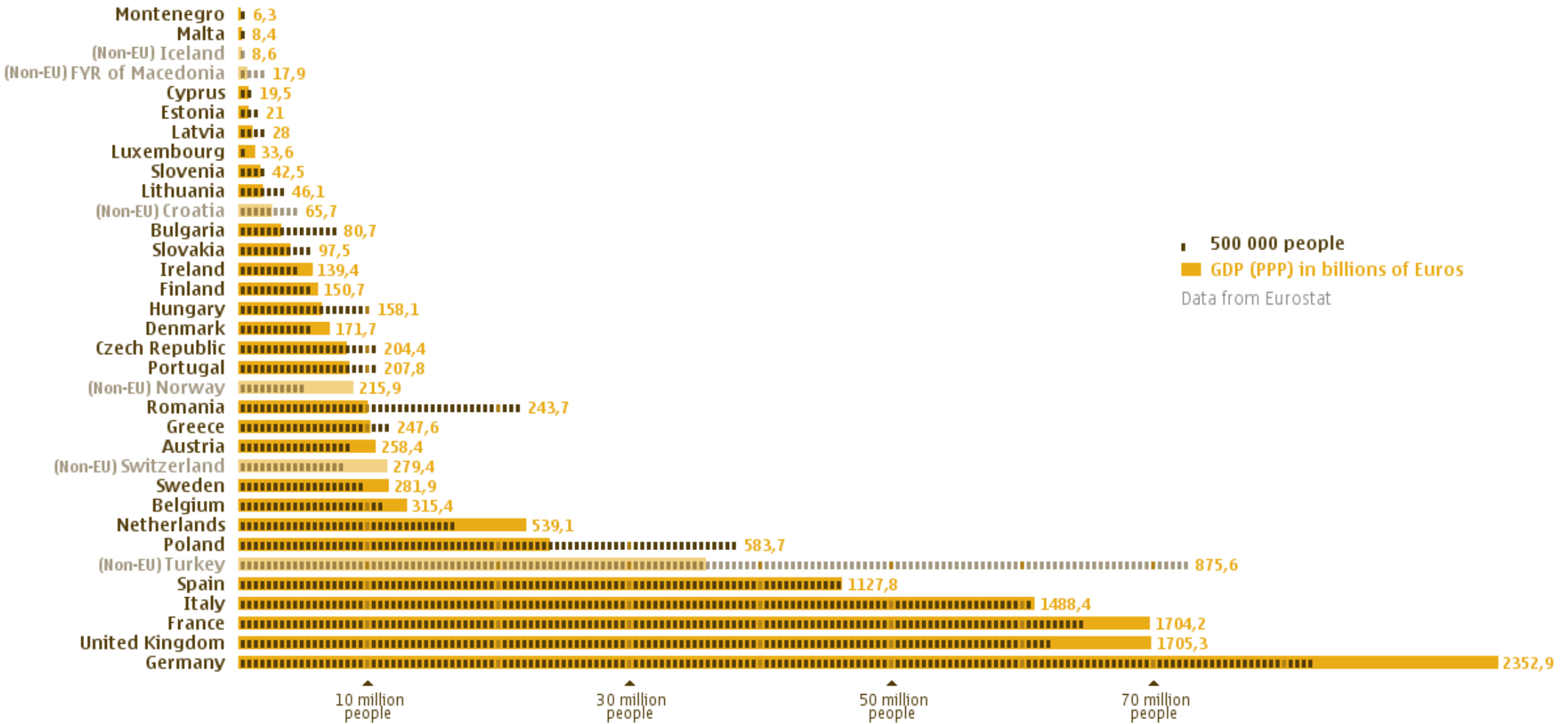
Classical model of the
Triangular trade between
Americas, Europe and Africa

- textile, rum, copper, cloth,
trinkets, slave beads,
guns and ammunition
- slaves
- sugar, cotton,
tobacco, hemp

Triangular Trade diagram by Sasa Kerkos

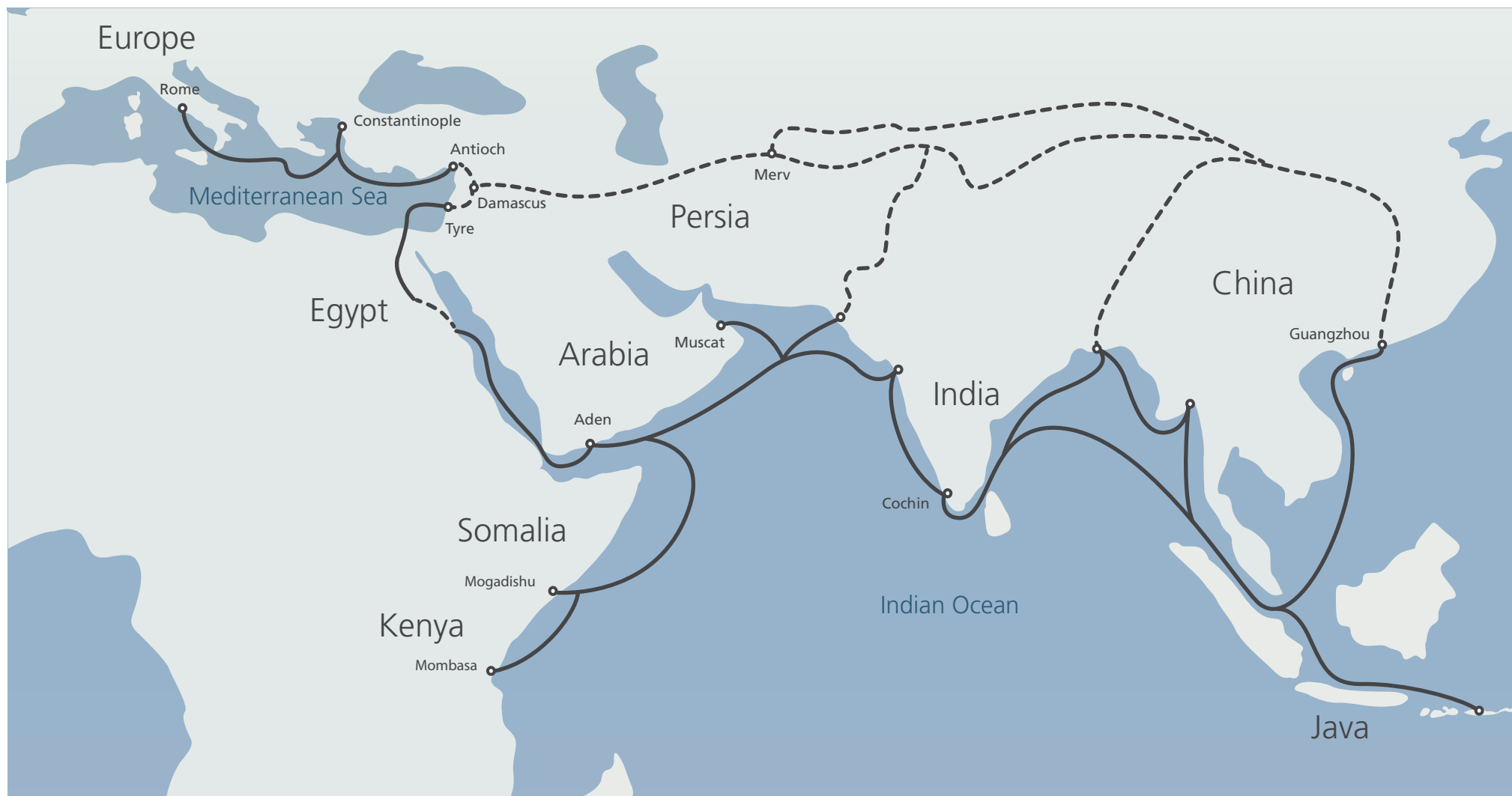
GDP and Population of European Countries in 2010

GDP's presented in relation to EU average GDP per capita



■ 500 000 people
 ■ GDP (PPP) in billions of Euros
 Data from Eurostat

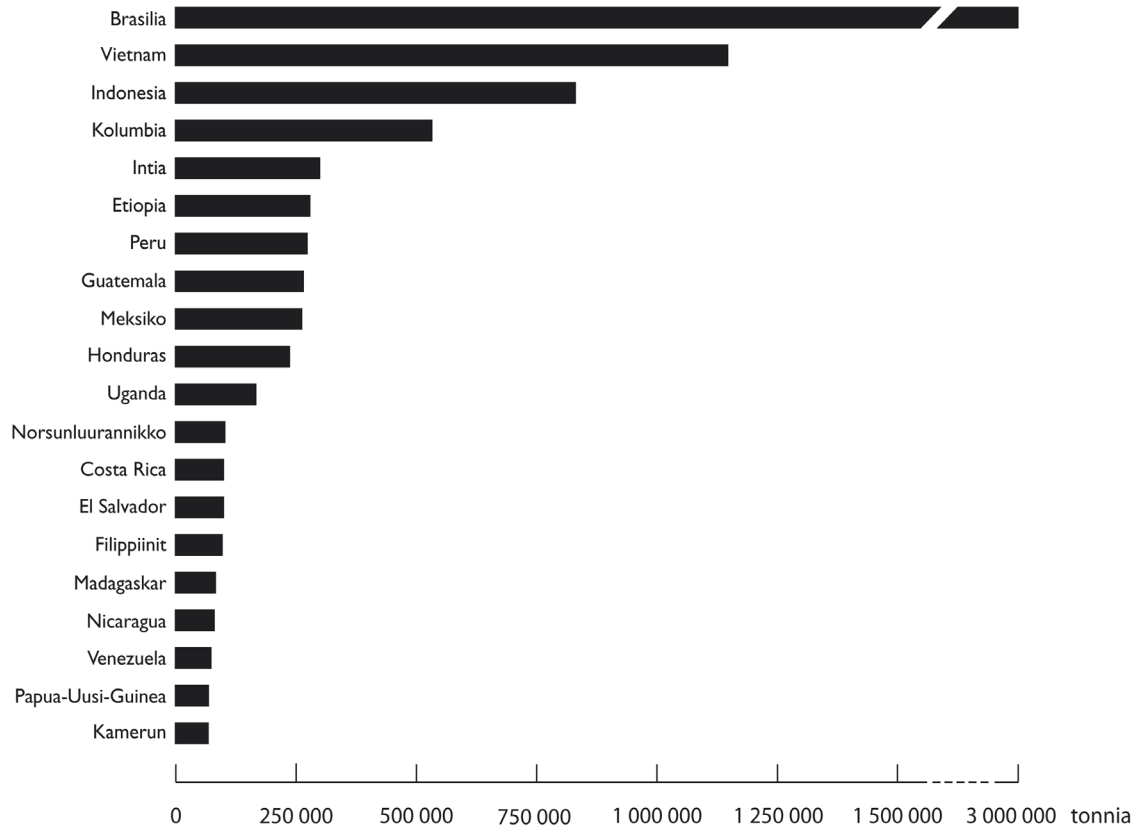
Karoliina Liimatainen



The Silk Road in vector format by Jutta Joutjärvi



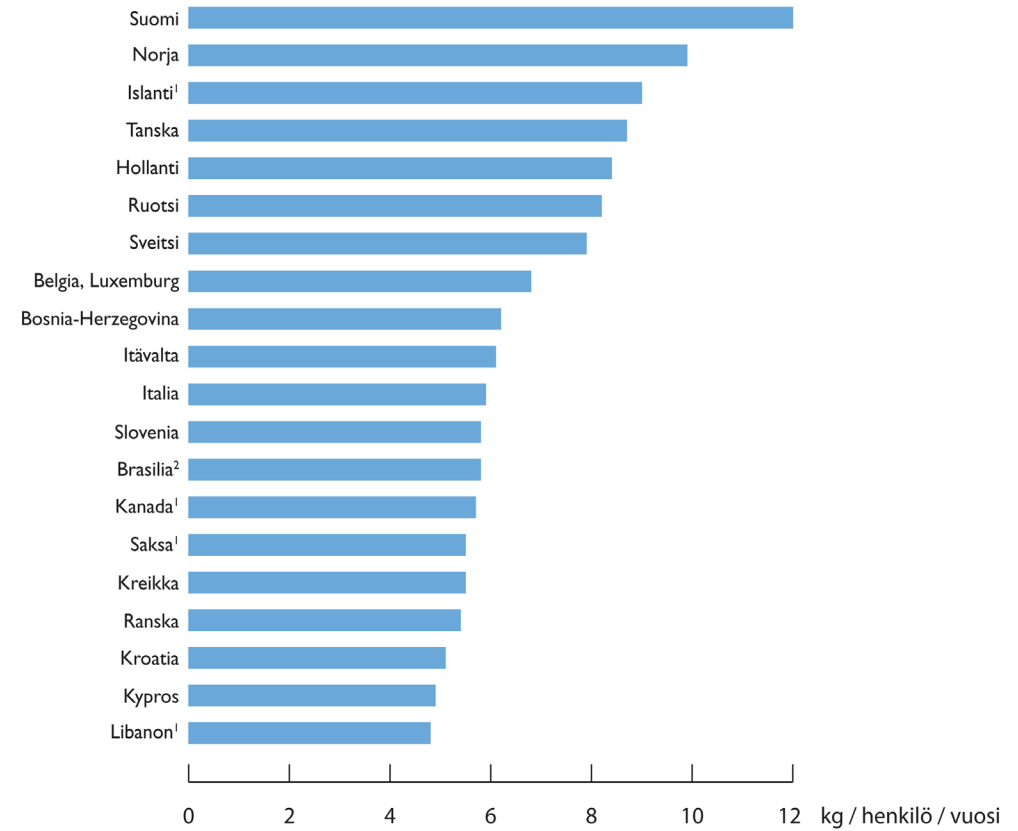
Kahvin tuotannon kärkimaat



Lähde: Food and Agricultural Organization of United Nations: Economic and Social Department: The Statistical Division. Faostat.fao.org (2011).



Kahvin kulutuksen kärkimaat

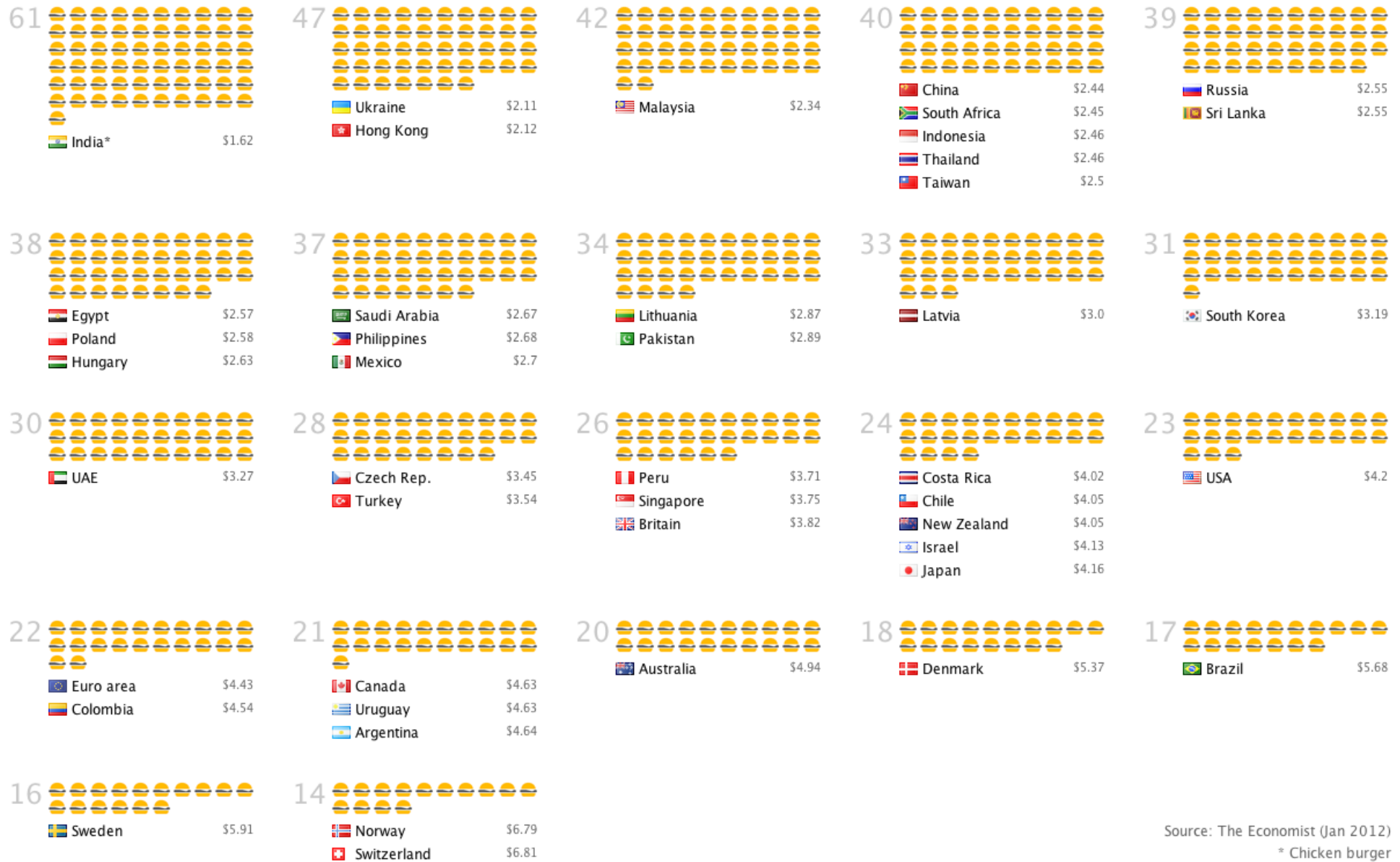


Lähde: "Countries by coffee consumption per capita". World Resource Institute (2008).
¹2006
²2009

Top countries in coffee production and consumption.
 Work by Emilia Ahonen

THE BIG MAC INDEX

How many burgers you get for \$100 USD?

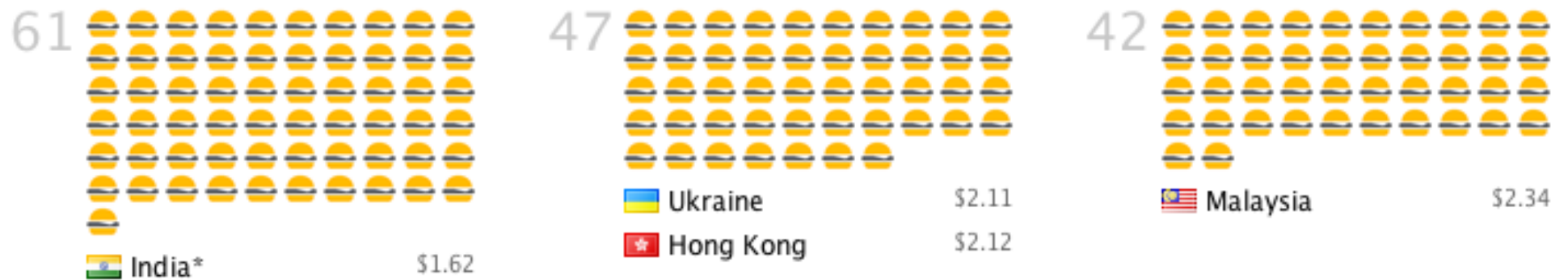


Source: The Economist (Jan 2012)
* Chicken burger

Antti Vuorela demonstrated the Big Mac Index

THE BIG MAC INDEX

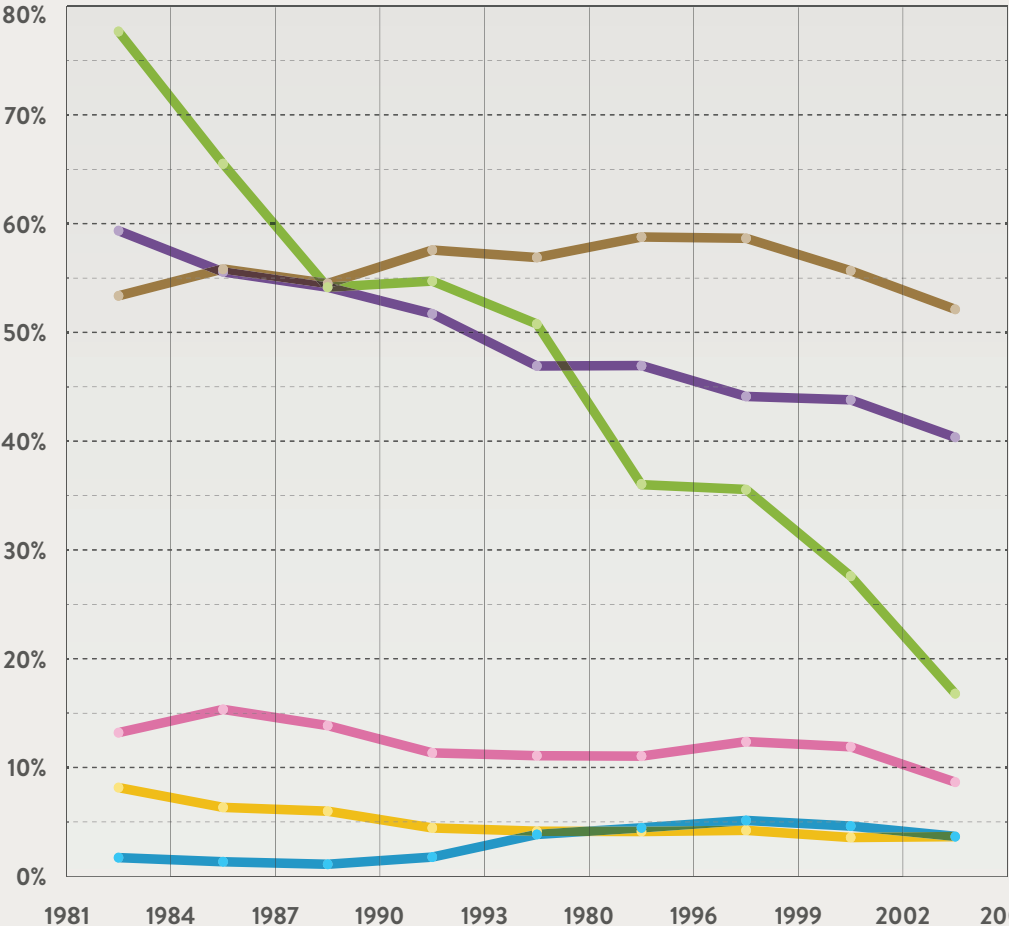
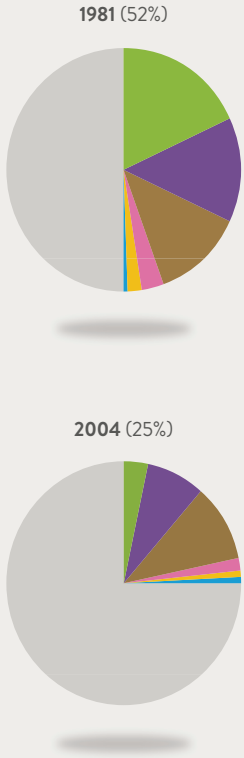
How many burgers you get for \$100 USD?



Antti Vuorela demonstrated the Big Mac Index (detail)

POPULATION LIVING ON LESS THAN \$ 1.25 PER DAY.

TOTAL PERCENT OF POPULATION LIVING ON LESS THAN \$ 1.25 PER DAY.



- EAST ASIA AND PACIFIC
- SOUTH ASIA
- SUB-SAHARAN AFRICA
- LATIN AMERICA AND THE CARIBBEAN
- MIDDLE EAST AND NORTH AFRICA
- EUROPE AND CENTRAL ASIA

POVERTY HEADCOUNT RATIO AT \$ 1.25 A DAY (PPP) (% OF POPULATION).

(year)	(% of pop.)	(poor pop.)	(total pop.)
2005	25.41%	1385.5 M	5452.9M
1999	33.93%	1707.7 M	5032.9M
1993	39.25%	1800.9 M	4589.1M
1987	41.93%	1724.1 M	4112.1M
1981	51.92%	1901.6 M	3662.8M

Extreme poverty is defined as average daily consumption of \$ 1.25 or less and means living on the edge of subsistence.

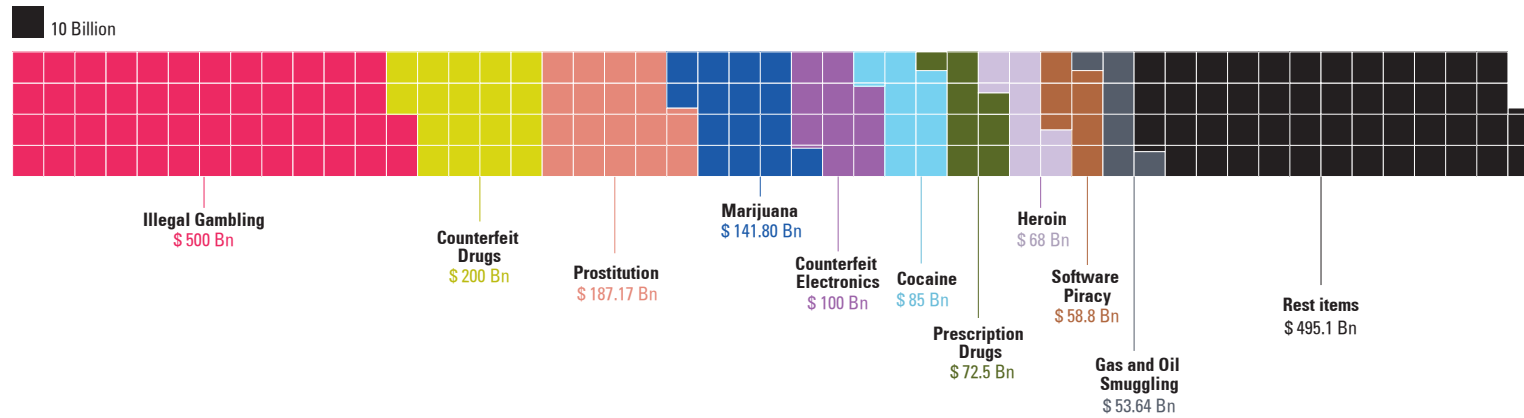
World Bank defined in 2005 the new figure of \$ 1.25 – purchasing-power parity (PPP).

(Source: World Bank. 2007. World Development Indicators 2007. Washington, DC: World Bank.)

Tommi Leskinen

Black Market Ranking

Financial Value of all Black Markets \$1,943 Billion



Country Ranking

Financial Value of Countries Black Markets \$1,927 Billion



Black markets of the world. Work by Jinhee Kim

Course organized by Aalto University
School of Arts, Design and Architecture

Teachers: Jonatan Hildén, Juuso Koponen
and Tommi Kovalu, *informaatiomuotoilu.fi*

Introduction to Wikipedia and open licenses:
Teemu Leinonen, *Wikimedia Suomi*