



C.E.P.M.



European Confederation of Corn Production



CDG FOR ARABLE CROPS
5th March 2021

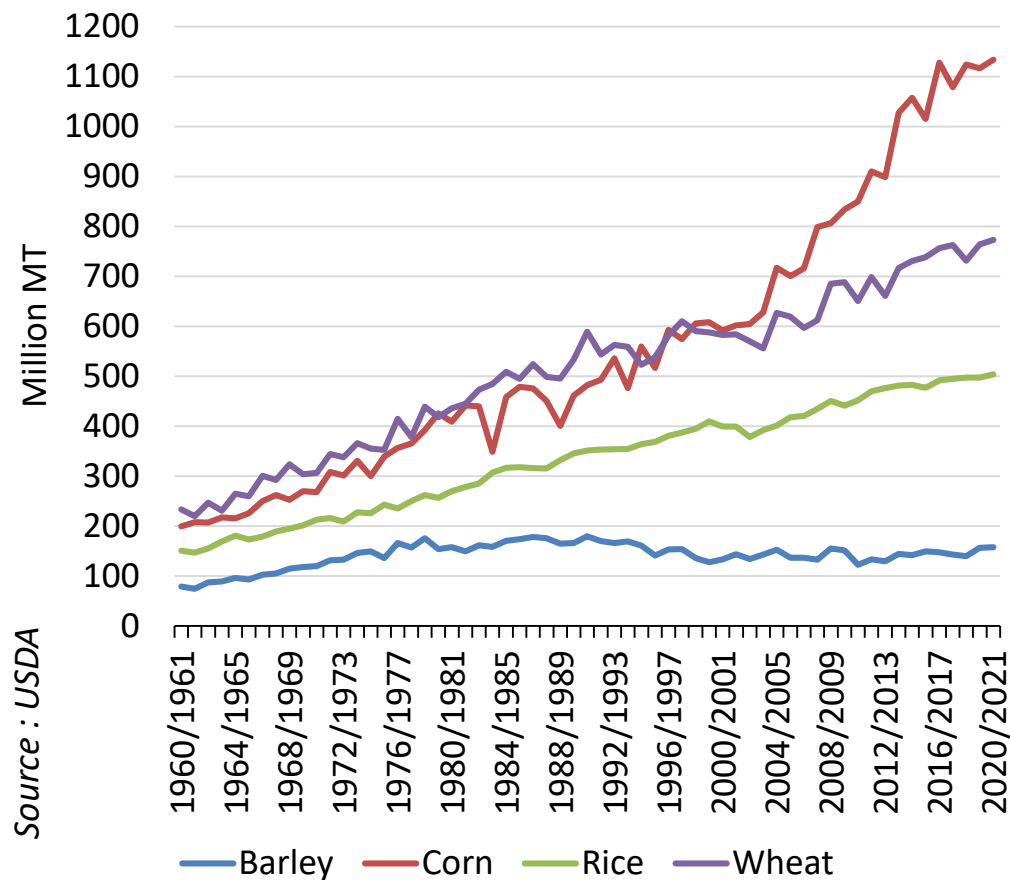


Céline IMART
C.E.P.M. Delegate



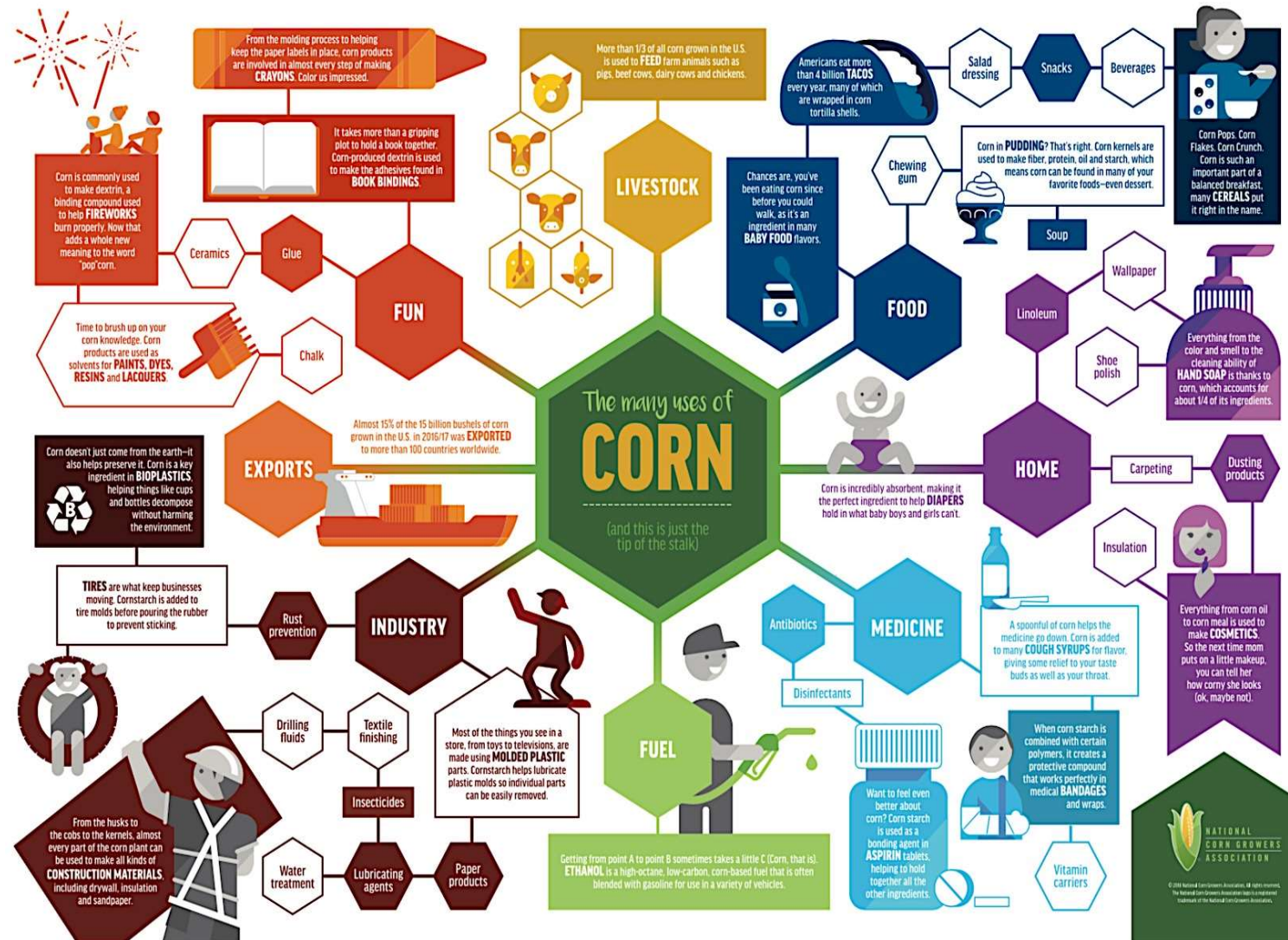
The world's first cereal

World production



- World production exceeds one billion tonnes per year and has almost doubled in 20 years.
- Accompanying the growth of the world population overall, and the growth of the world's middle class (meat consumption).

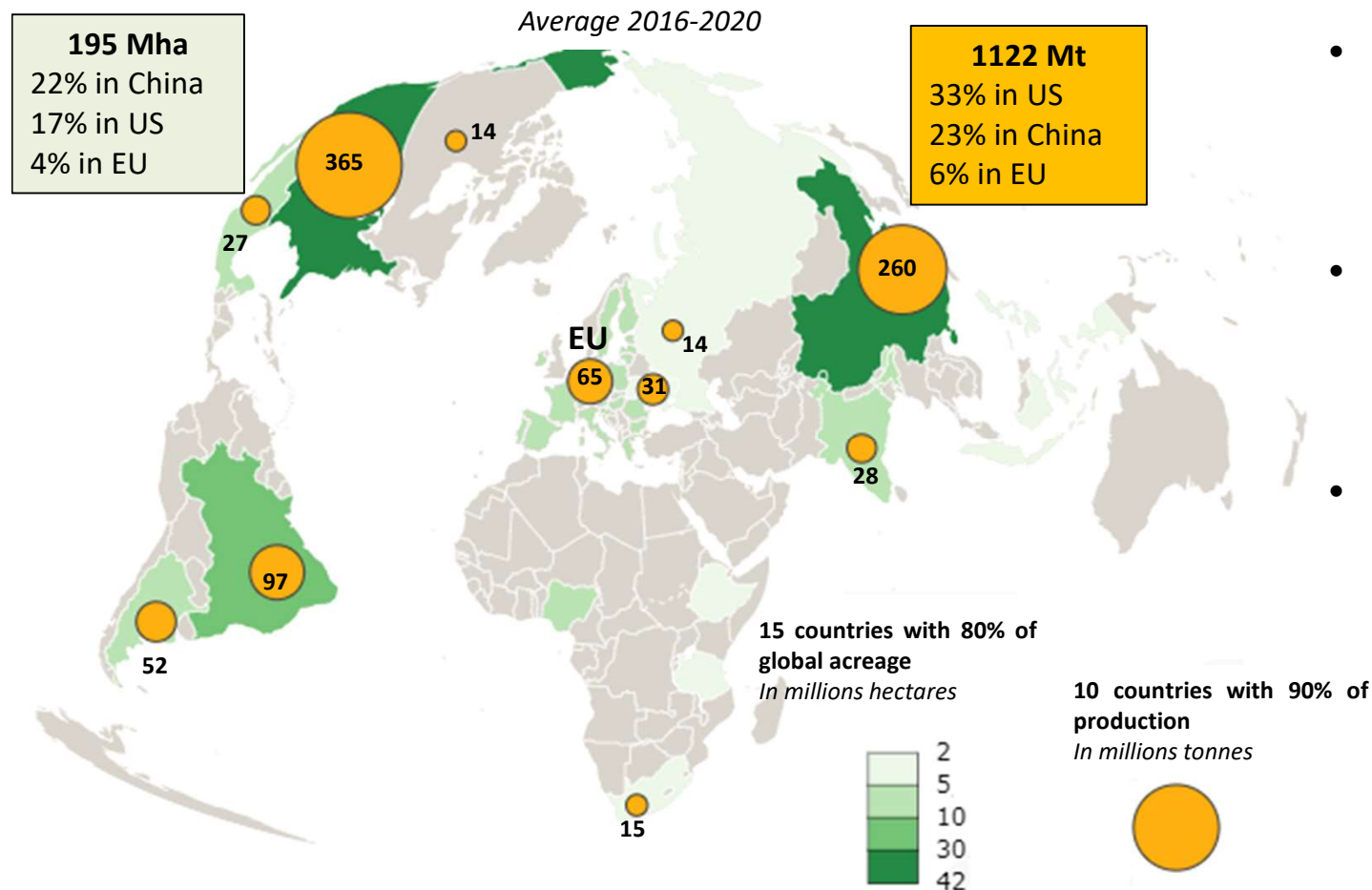
Many uses



- Animal feed
- Human food
- Biofuel
- Biomaterials
-

Overview of global maize production

Maize : main countries in acreage and production



- Some 50 countries have significant maize acreage.
- 15 countries account for 80% of the world's acreage
- 10 countries account for 85% of world production

Concentrated global trade

Maize: exports and imports

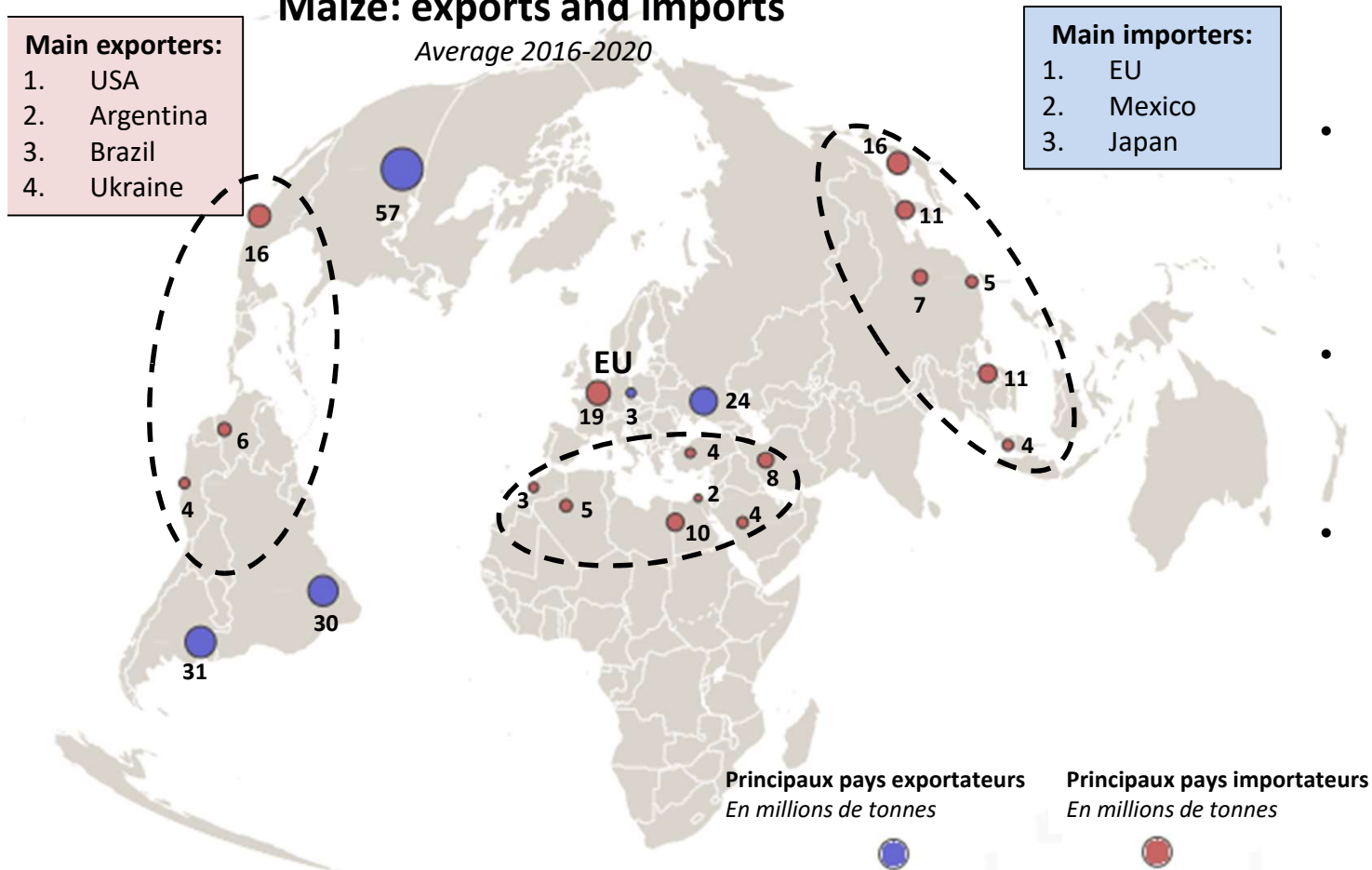
Average 2016-2020

Main exporters:

1. USA
2. Argentina
3. Brazil
4. Ukraine

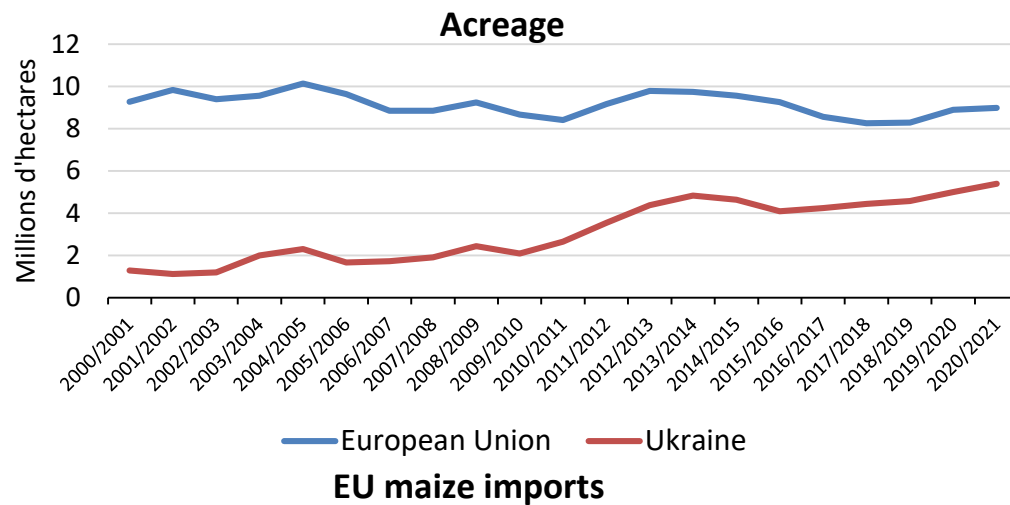
Main importers:

1. EU
2. Mexico
3. Japan



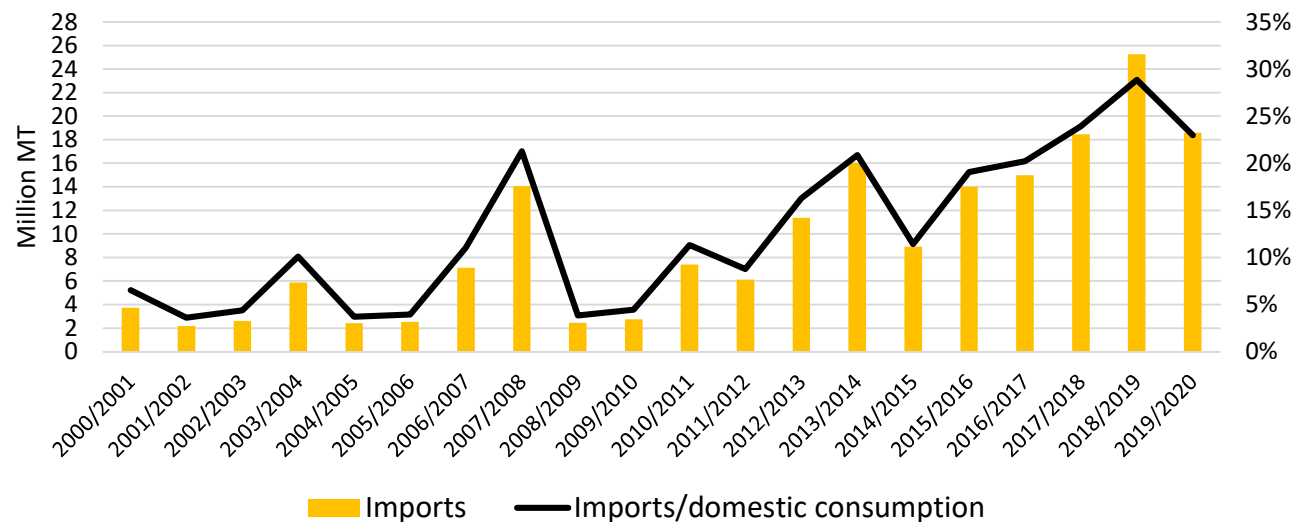
- 2nd most traded cereal after wheat (about 15% of world production). A growing trade.
- 4 exporters account for about 90% of world exports
- 4 major import areas (90% of world imports) :
 - European Union
 - Asia Pacific
 - Mediterranean-Middle East
 - Latin America

European Union: top global importer



- Growth of production in the Black Sea area (Ukraine) which is competing with European producers :
 - Production x 10 in 20 years

- Massive competitive distortions :

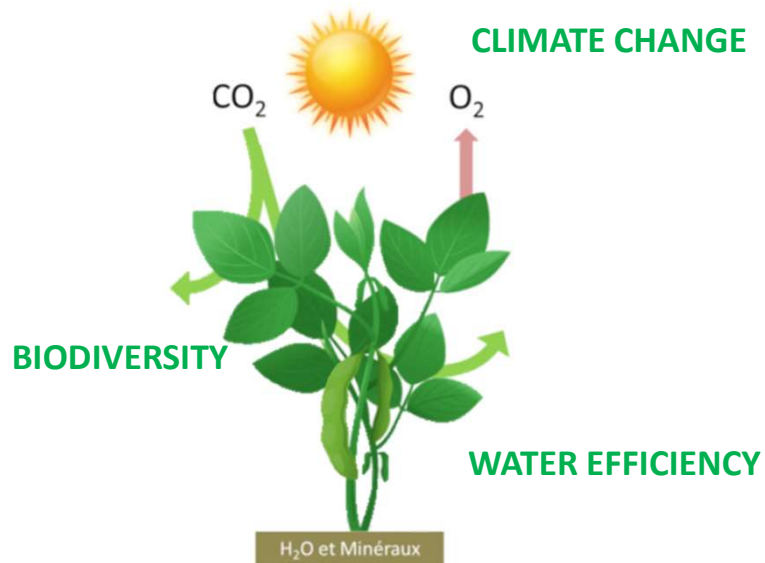


- Lower production costs
- Access to means of production banned in the EU
- EU: acreage declining and imports increasing

What is maize?

■ A very effective plant in C4

SOIL PROTECTION



- ▶ + CO₂ capture
- ▶ High biomass production
- ▶ Restitution of residues to the ground

➔ 1ha = 20 tons of biomass, of which 50% grain et 50% stems and leaves, without counting the roots!

How is maize used ?

MAIN OUTLETS IN THE EU



Human food

Sweet Corn 460 KT

Pop Corn maize : ~70 KT

Semolina/flour and starch: 5 MT



Animal feed

Silage : 247 MT

Corn : 62 MT



Alternative to fossil fuel

Energy/ biofuel : 6 MT

Methanisation : 51,3 MT

biomaterials (starch-based) : 5 MT