

# *WEST AFRICAN FUTURES*

## *Settlement, market and food security*

Working Group Meeting  
Paris 17 March 2011



# Analytical components

- Food security and food crises
- Settlement
- Market
- Cross-analyses and projections
- Policy options

# Food security and food crises (1)

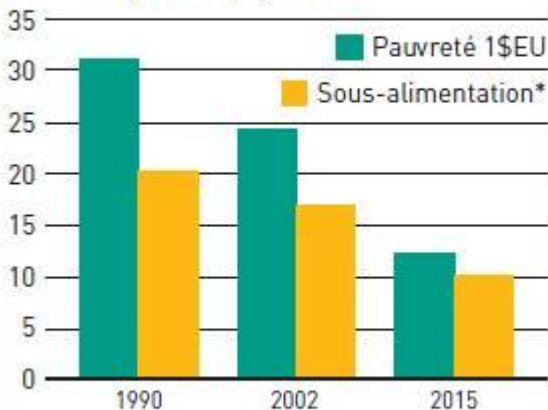
- Comparative analysis of the evolution of global and West African food security, mapping trends of West African food insecurity
- Analysis of recent food crises

## Overview of global food security trends

- chose indicators and define typology for food insecurity mapping
- analyse food security evolution

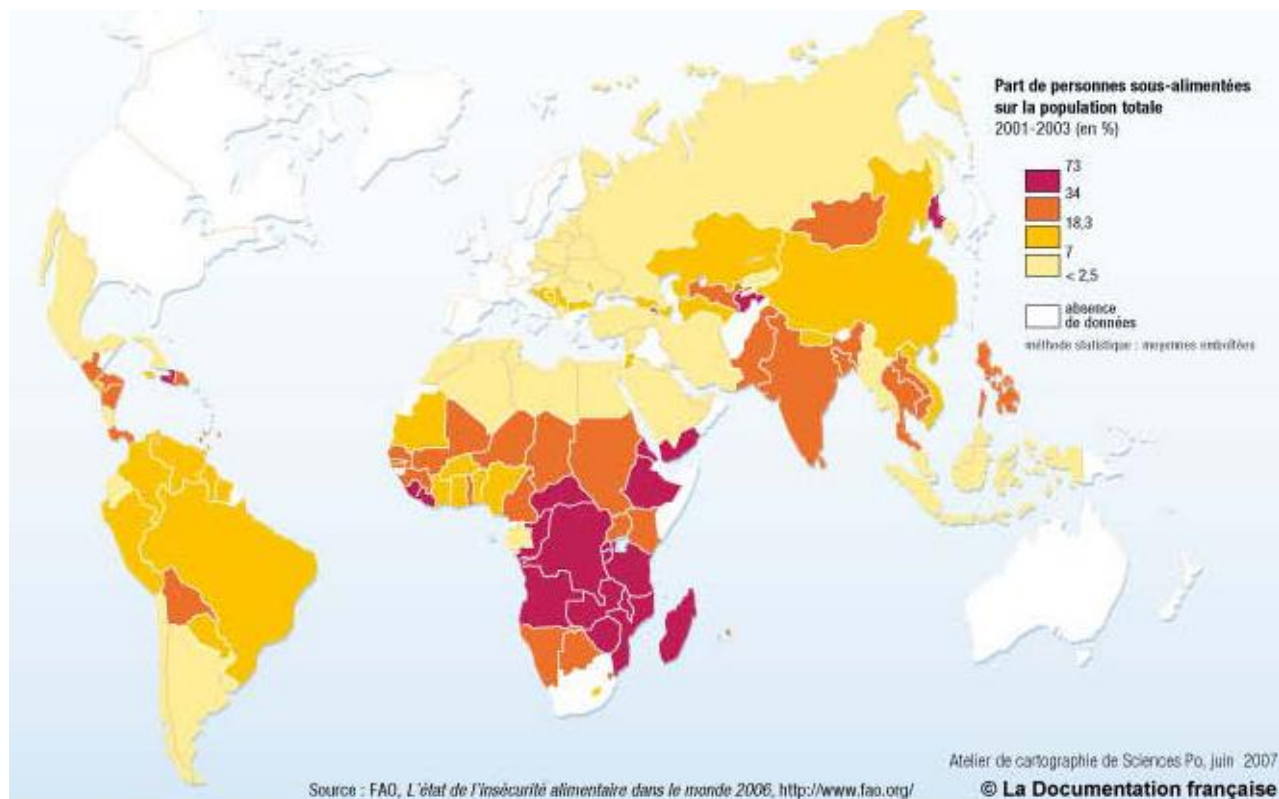
### Pauvreté et sous-alimentation

Pourcentage de la population



\* Pour la sous-alimentation, les données historiques portent sur 1990-92 et 2000-2002.

Source: Taux de pauvreté 1 dollar EU adapté de la Banque mondiale. 2006. Global Economic Prospects, 2006. Washington. Pour la sous-alimentation, voir FAO.

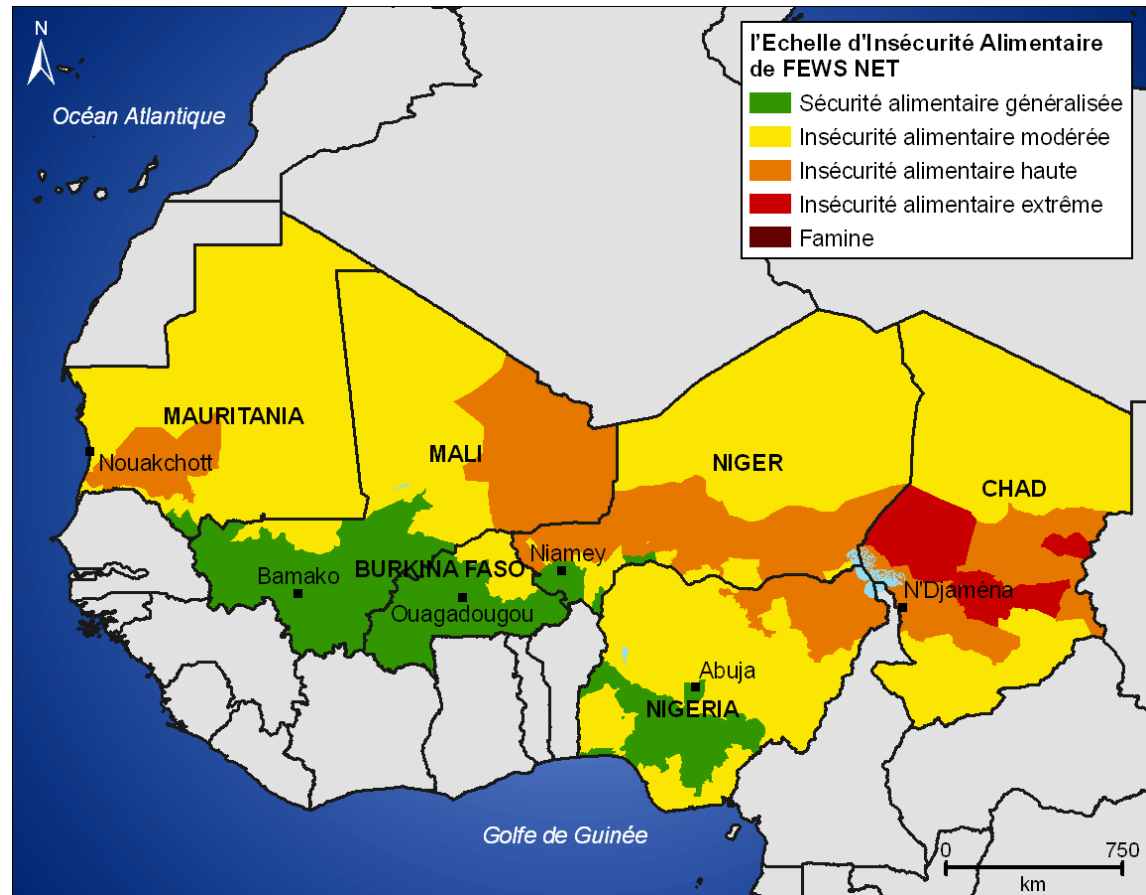


La sous-alimentation dans le monde en 2001-2003

Source: La Documentation Photographique n° 8059

## Food crises and mapping West African food insecurity

- Analysis of past food crises
- Mapping (recurrence, type, number of people affected, etc.)

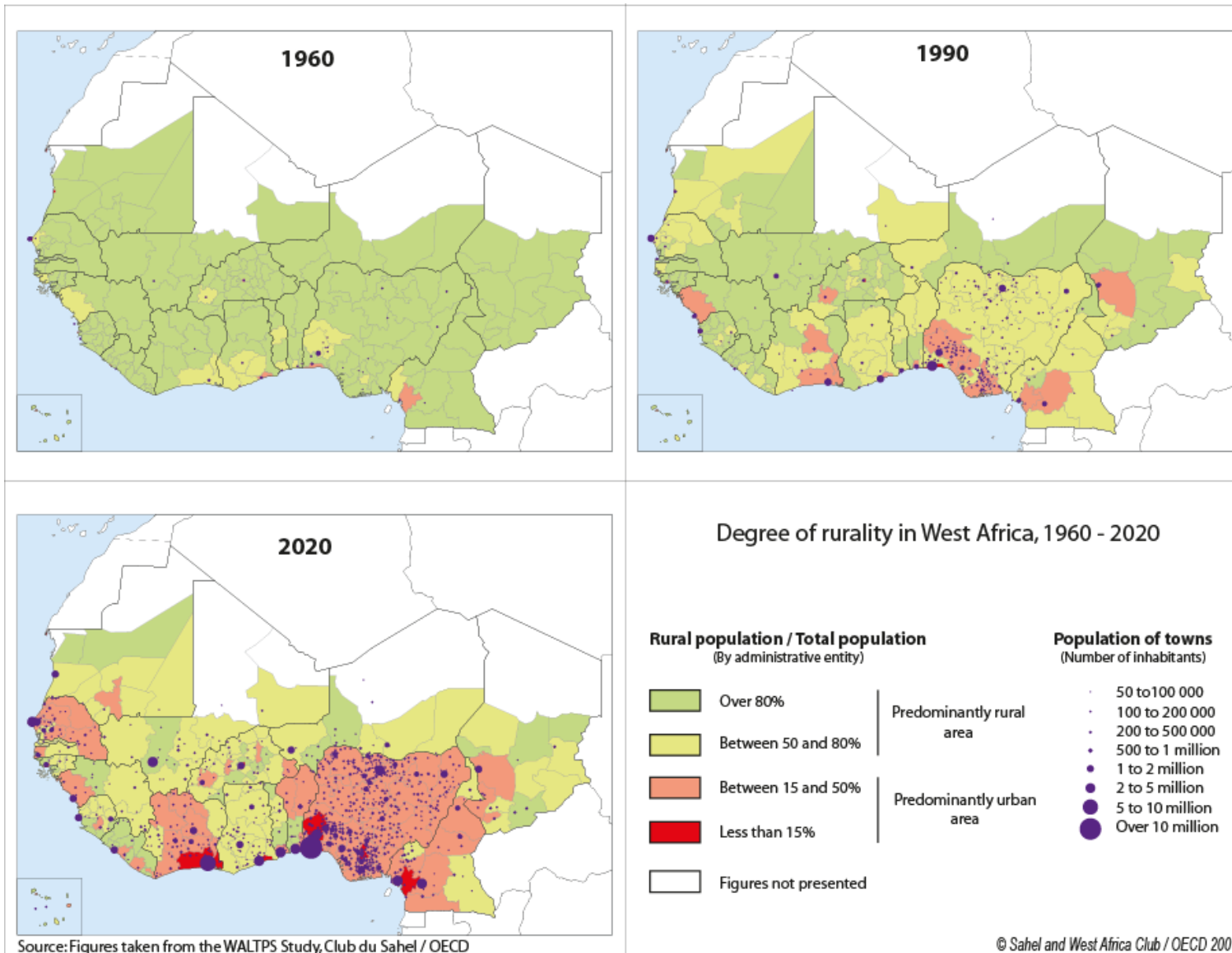


“Settlement process is the growth and redistribution of population within each country and across the region.”

- Review of West African settlement trends
- Urbanisation, consumption and food imports
- Urbanisation, rural settlement patterns and population density /  
Urbanisation and market integration

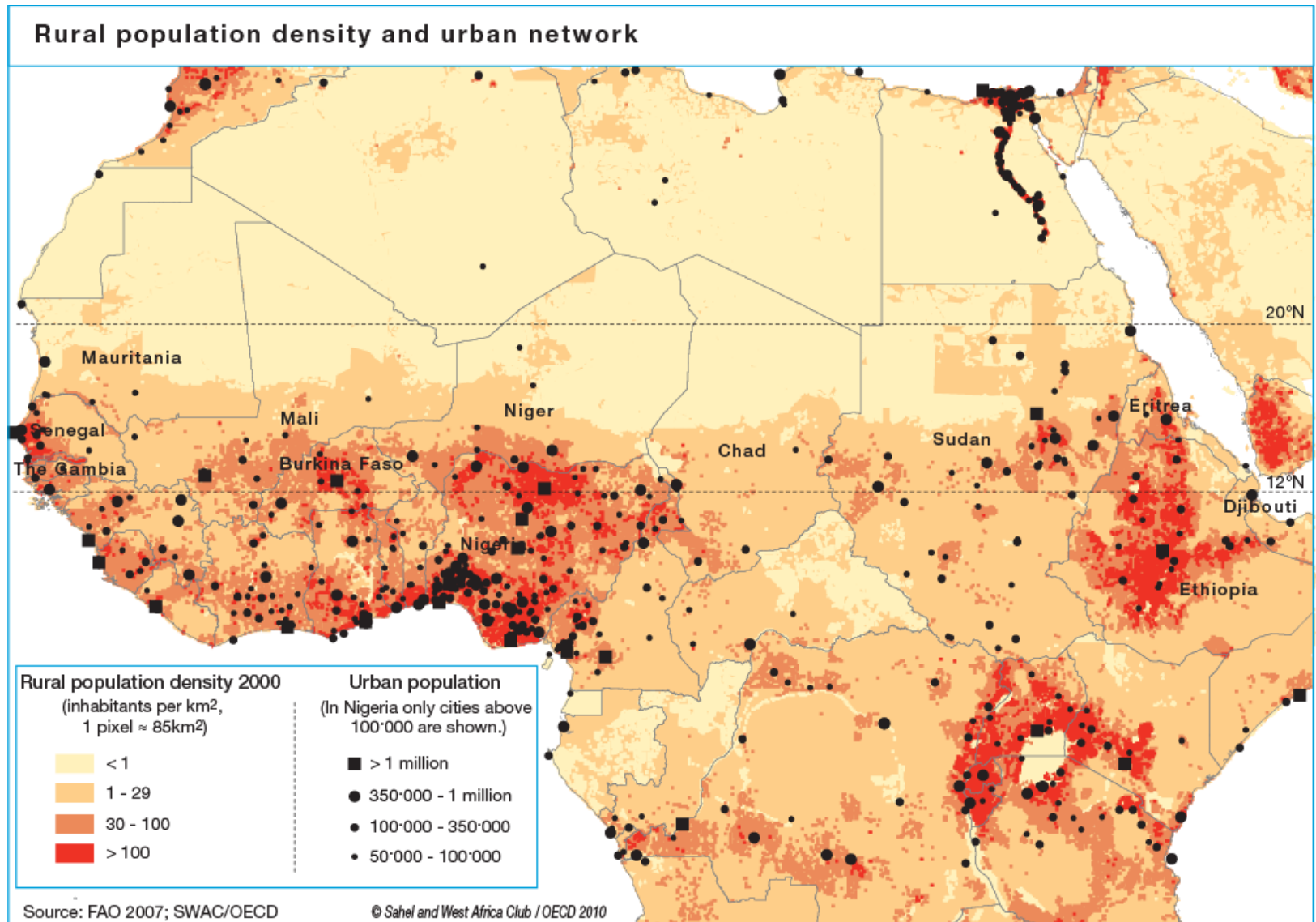
# Settlement (2)

## Review of West African settlement trends



# Settlement (3)

## Urbanisation, consumption and food imports



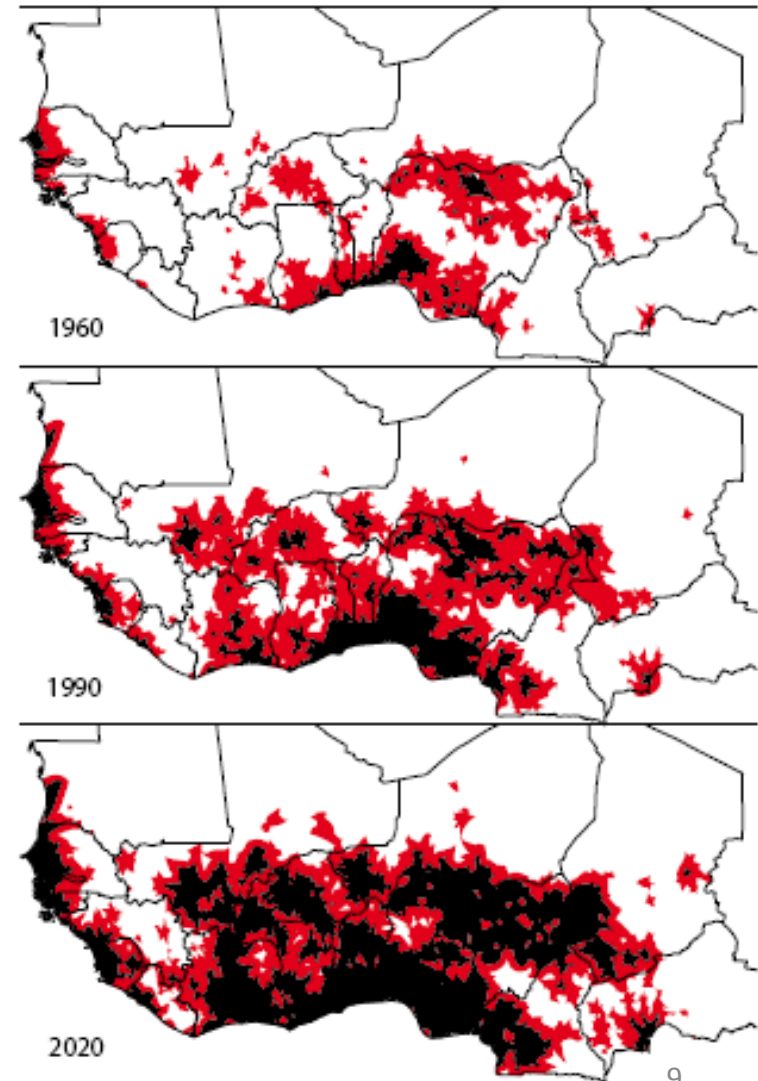


# Settlement (4)

**Urbanisation, rural settlement patterns and density /**

**Urbanisation and market integration**

Expansion of the Areas of Urban Market Attractiveness 1960 – 1990 – 2020



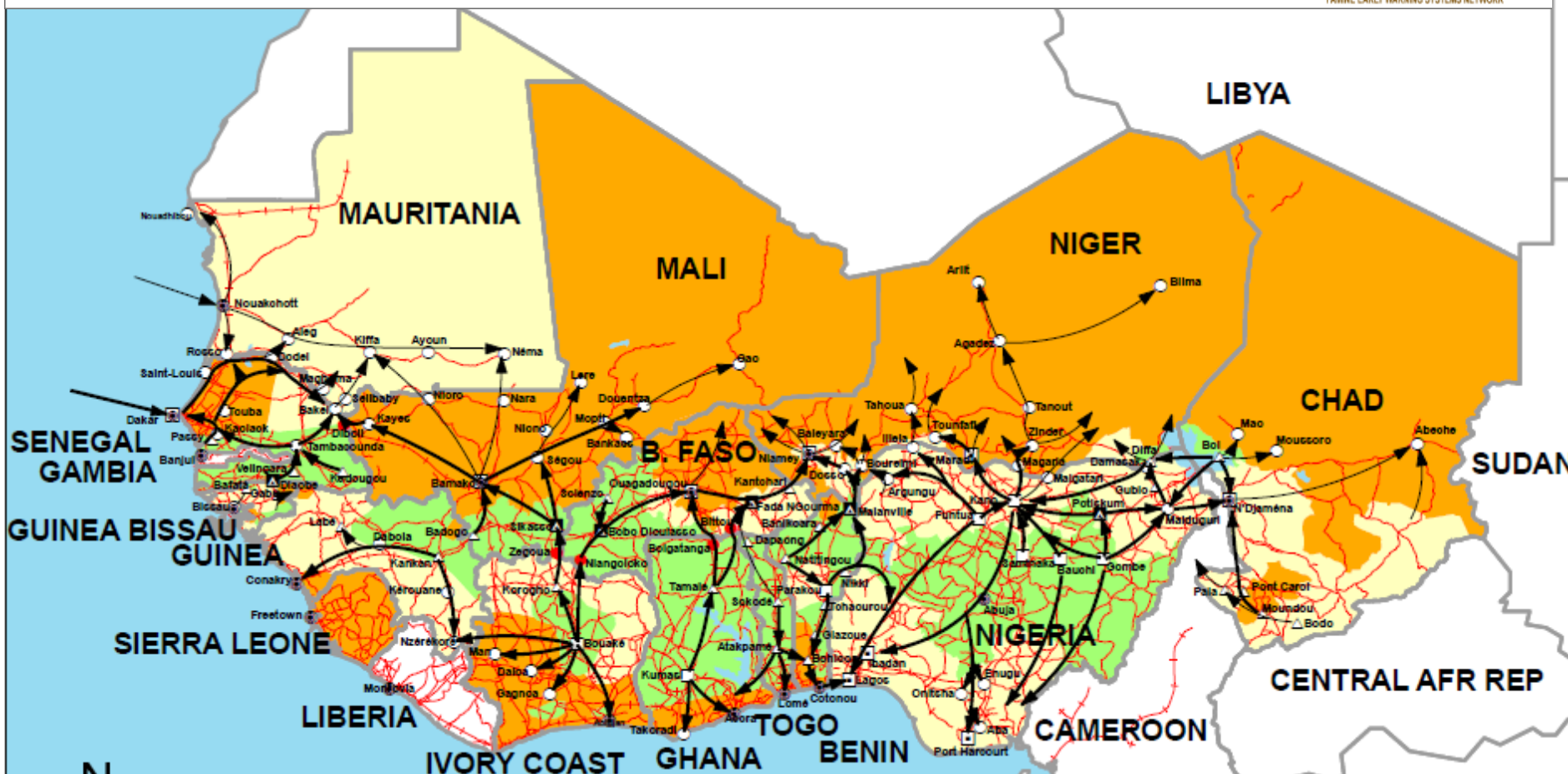
- Size and functioning of the regional market
- Infrastructures and transaction cost
- Price variability
- Surplus and deficit areas, trade profile /  
Intra-regional trade vs. international imports

# Market (2)

## Size and functioning of the regional market (1)



### PRODUCTION AND MARKET FLOW MAP: WEST AFRICA MAIZE



## Size and functioning of the regional market (2)

### Available data

- ECOWAS, FAO, UEMOA, UNCTAD/WTO, UNCOMTRADE, UNECA

### Case studies

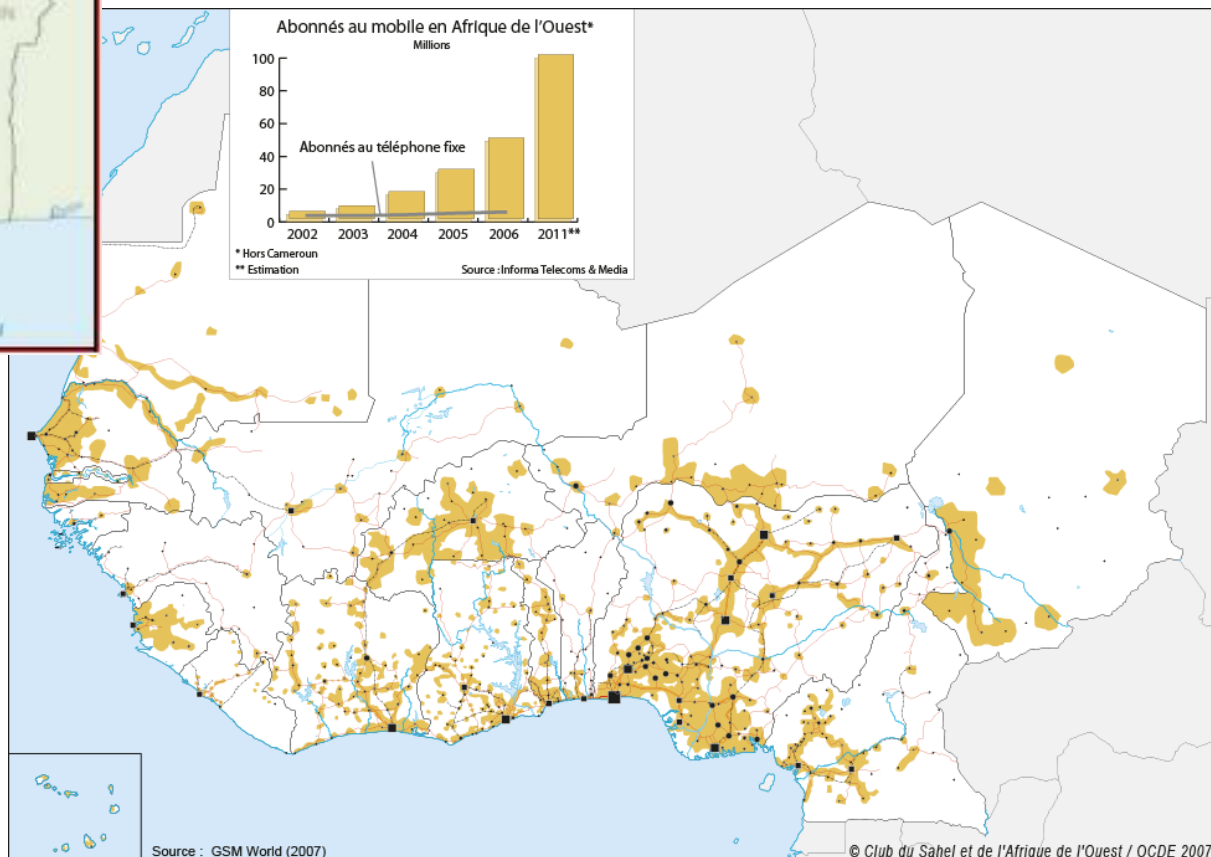
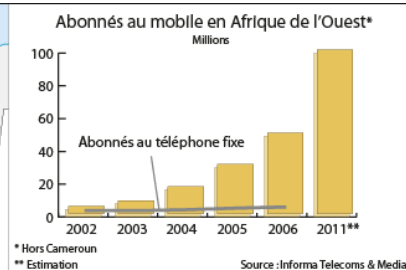
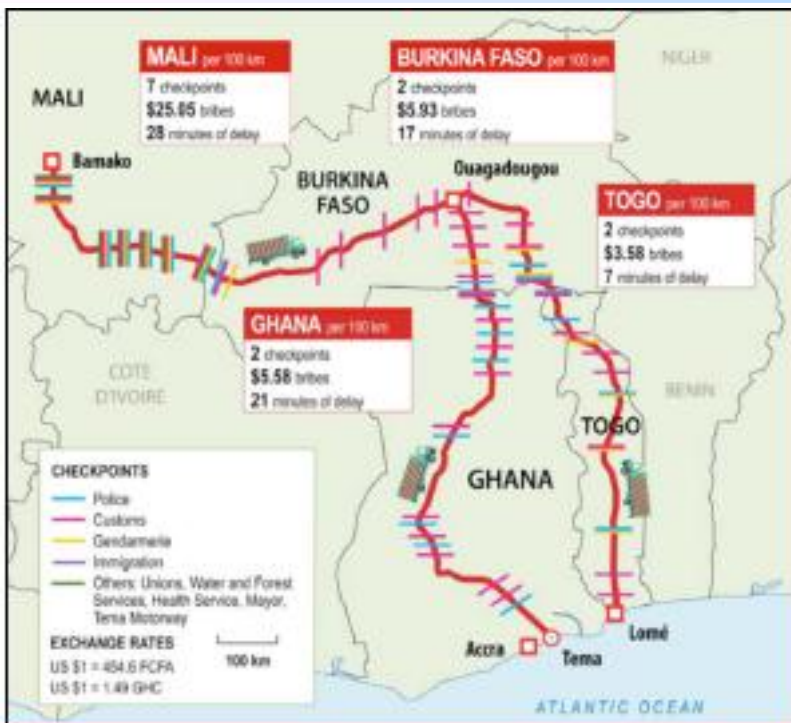
- CILSS, FEWSNET, LARES, IFPRI, SWAC

### Estimations/projections

- methodology to be defined

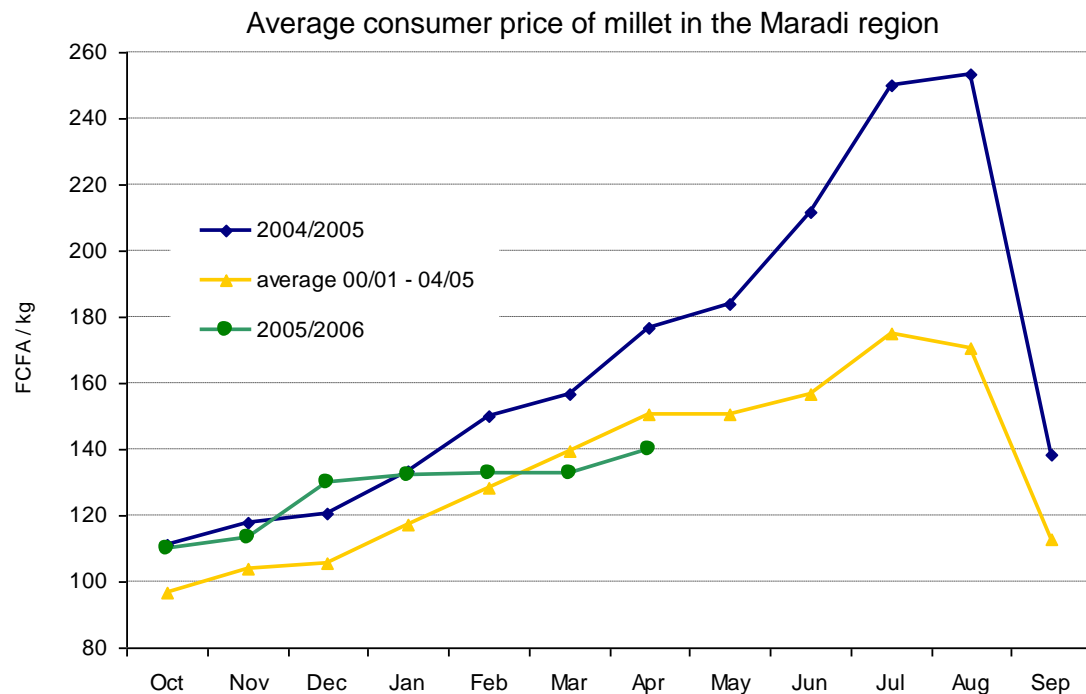
# Market (4)

## Infrastructure and transaction cost



## Price variability

- Statistical and spatial analysis of price variability and covariability of main food staple products
- Analysis of factors influencing price variability, e.g. impact of production variability on price variability, seasonal variability



## **Surplus vs. deficit areas – Intra-regional vs. international trade**

- from local, national to regional
- but also in production complementarity
- productivity and potential of regional production

## **Settlement – Regional market – Food security:**

- Analyse relationships between the three components
- Identify main trends and develop projections
- Translate trends into possible food security impacts



# Policy options

Africa Comprehensive Agriculture Development Programme (CAADP) of NEPAD

ECOWAS Regional Agricultural Policy for West Africa (ECOWAP)

WAEMU Agricultural Policy (WAP) - PSRSA

CILSS Strategic Paper on Sustainable Food Security in the Sahel (CSSA)

National Food Security Strategies

Programmes complémentaires d'investissement agricole moyen et long termes au niveau régional (PRIA)

Programmes investissement agricole moyen et long termes au niveau national (PNIA)

International Food Security Initiatives