# Agricultural trade policies and development Incorporating institutional and dynamic aspects

Niek Koning (WI), Roel Jongeneel (LEI), Giel Ton (LEI) & Prem Bindraban (PRI)



## Experiences of policy makers

- Fragmentation of developing world in blocks with different positions
- Questions around assessments of effects of reforms

## Aim of this study

- Exploring institutional and dynamic complications that:
  - make real world outcomes deviate from trade models
  - explain the negotiating positions taken by different developing countries

## Country cases

This report lays the foundation

## The standard model is marked by static equilibrium, perfect mobility, etc.

## But in the real world, there are complications...



Dynamic disequilibrium



Poverty traps



Endogenous price fluctuations



Linkage effects



Market power



Spatial concentration



Endogenous growth



Stragetic control of material flows

## Regional development patterns

### Balanced growth

- Developmental states & enabling policies
- Agricultural revolution as starter of industrialization

### Unbalanced growth

- Inequality, oligarchic states & laissez faire policies
- Disarticulation & marginalization

In regions with a long history of population growth, agricultural intensification, social differentiation & state formation

In regions with a history of large landowners, rightless rural workers & oligarchic states

#### Involution

- Patrimonial states & 'urban bias'
- Involution, poverty traps & stagnation

In regions with a history of undifferentiated peasant economies & personalist sociopolitical structures

## Idea behind selection of cases

- Case countries should represent the two problematic patterns of 'unbalanced growth' and 'involution'
- Rather than just mirroring these patterns, they should fall (back) into them after seeming to escape
  - This allows analysis of causal mechanisms rather than mere description

## Kenya (involution)

## The puzzle:

- Dismantling of settler society entailed "miracle of the market" (1960s-70s)
  - Settler economy overwhelmed by problems in the smallholder sector
  - Land reform, smallholder access to cash crops, co-operatives
  - Kenya seen as exception that confirmed the rule in Sub-Sahara Africa
- Why did Kenya fall into decline from the 1980s?
  - Economic stagnation, debt accumulation, political repression & ethnic clashes
  - Continuity in political regime

## Kenya

## Tentative explanation:

- Traditional pattern of upward mobility
  - Rights in man → upward mobility hinged on public positions
  - Interaction of agricultural development and public sector jobs
- Two pathways
  - If farming is <u>profitable</u>: Public sector earnings invested in farming → economic growth → broadening of fiscal base, balanced growth of public sector
  - If farming is <u>unprofitable</u>: Insufficient investment in agriculture → soil degradation
    & stagnation → run on public sector jobs → political market based on doling out
    these jobs → infighting & private sector over-taxation
- Clientelism not conducive to supportive farm policies

## Kenya

#### Influence on outcomes trade reform:

- Import competition & preference erosion may exacerbate infighting & over-taxation
  - Public sector retrenchment may fail
  - Erosion of social capital, continuing of 'bad governance'
- This may hamper growth in activities in which Kenya has a (potential) comparative advantage
  - The reallocation of resources that is assumed in the standard model may not materialize

## Bolivia (unbalanced growth)

## The puzzle:

- Before the 1970s, popular forces seemed to redress the unbalanced development of the Andean economy
  - Subdivision of ayllus and expansion of haciendas blocked by popular resistance
  - National Revolution (1952) → land reform, import substitution industrialization
- Why did unbalanced development return at a higher spatial level?
  - Rise of export-oriented latifundios & agribusiness chains in the Amazonian region (soy & cereals; deforestation)
  - Weakening of Andean agriculture

## **Bolivia**

## Tentative explanation:

- Fragility of populist politics
  - International depression after 1980 → Bolivia first country to accept SAP
- Impact of liberal globalization
  - Increased price fluctuations: brake on domestic chain development
  - Regional integration and surge in food imports (MERCOSUR)
  - FDI in mining and soy: no linkages with local food supply & demand

#### Other factors

- Dual tax regime as inhibitor of domestic market-oriented agri-food chains
- Redistributive cultural traditions curb private accumulation and investment in Andean agriculture

## **Bolivia**

#### Influence on outcomes trade reform:

- Negotiating position reflects Amazonian (= Brazilian) agribusiness interests rather than Andean smallholder interests
  - Mercosur, G20 & Cairns group ←→ CAN & G33
  - Will this change under Morales? (S&D, bilateral agreements, joining of G33)
- Agricultural specialization and spatial concentration patterns are different than CGE-modeling suggests
  - Institutional economic drivers ←→ comparative costs and price transmission
  - Regional processes ←→ country sovereignty

## Outline for further research

- Completion of desk studies with locally gathered information
- In-depth study of selected aspects
  - Kenya: interaction of population growth, soil degradation & political markets. How will ESA-EPA influence this pattern of 'involution'?
  - Bolivia: regional specialization processes (esp. Brazil-Argentina) & interest articulation in trade policy formulation. How will EU-MERCOSUR influence the pattern of 'unbalanced growth'?
- Synthesizing of findings resulting in:
  - Improved descriptions of regional development patterns
  - Improved understanding of negotiation positions of countries & dynamics of regional trade blocks
  - Suggestions for improving trade models or using their outcomes