

Asia Regional Strategy

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Presentation outline

- 1. The Fast Changing Asia**
- 2. Potato and Sweetpotato in Asia**
- 3. CIP Asia Goals**
- 4. Action Plan - Fund Raising Strategy**

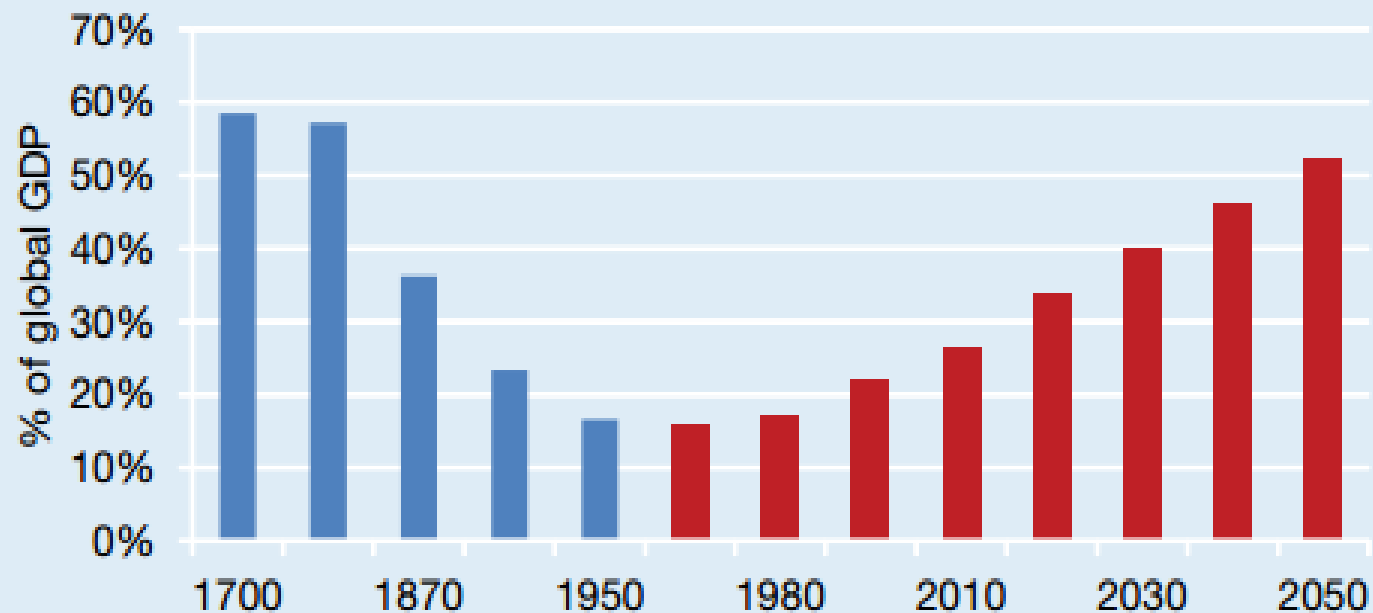
1. The Fast Changing Asia快速变化中的亚洲

Asia on the rise to regain past glory

亚洲正在重塑往日辉煌

Figure 1

Asia's share of global GDP, 1700–2050

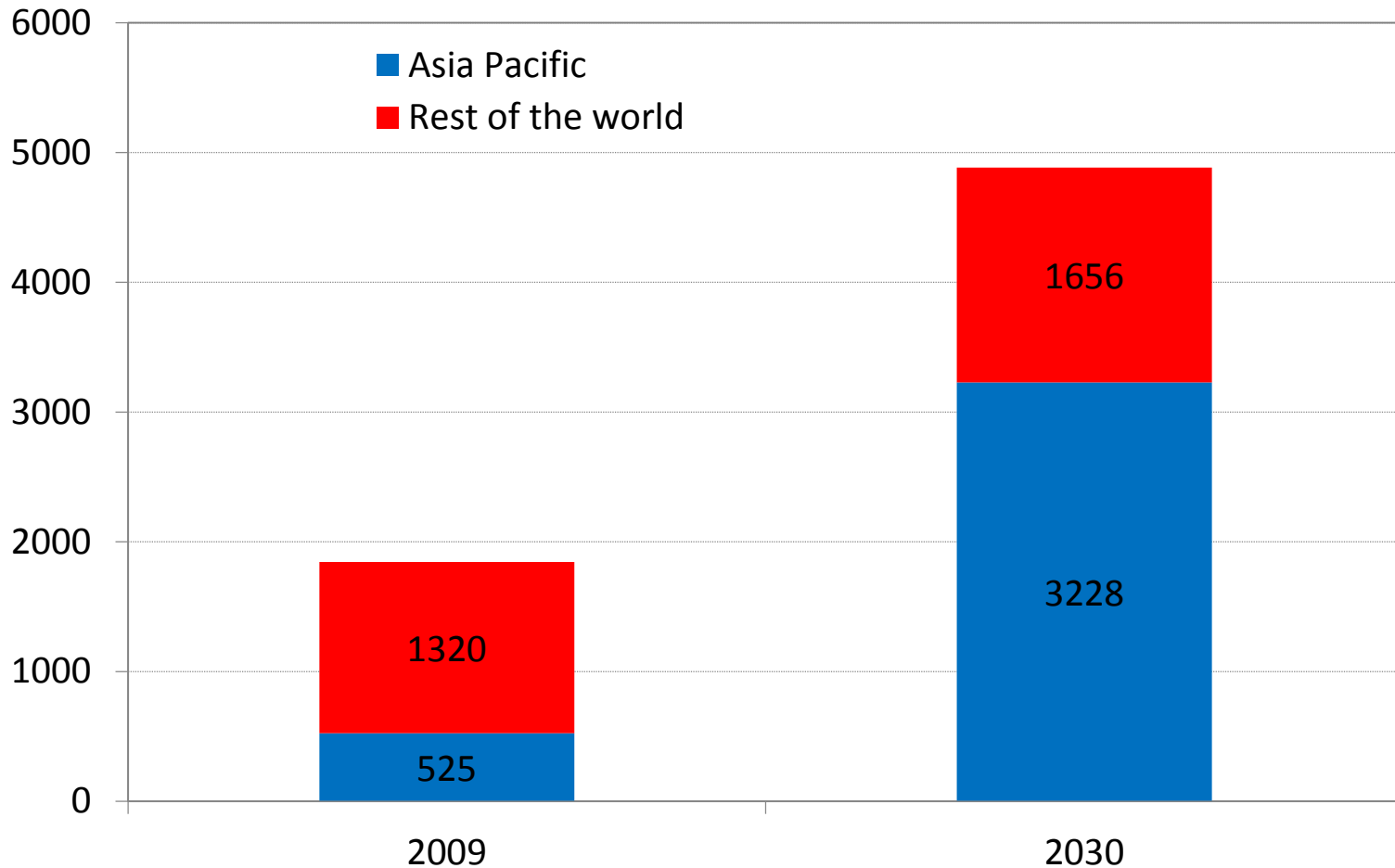


Source: Maddison (1700–1950) (2007); Centennial Group International estimates (1951–2050) (2011). Data for 1750–1790 are PPP and data for 1991–2050 are in market prices.

Global middle class population growth

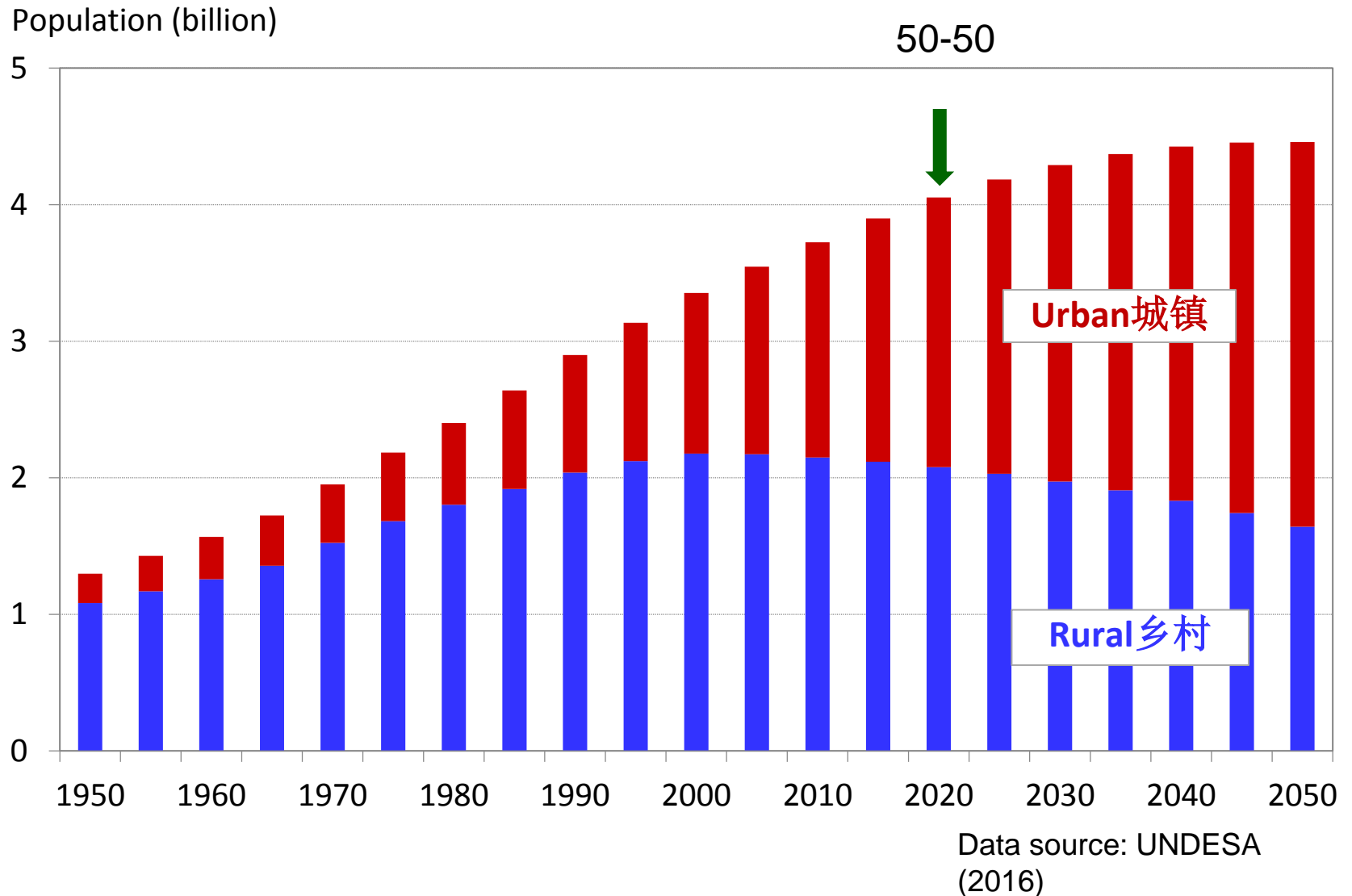
中等收入群体增长迅速

Middle income population (million)



Rural and urban population in Asia

城镇人口日益增长



Westernization of Asian diets 西式餐饮流行

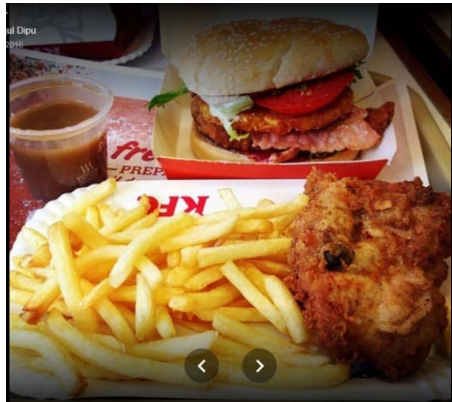


McVEGGIE MEAL

A worthy meal to curb your hunger to the fullest that includes McVeggie, crispy fries and medium sized Coke.

NUTRITION

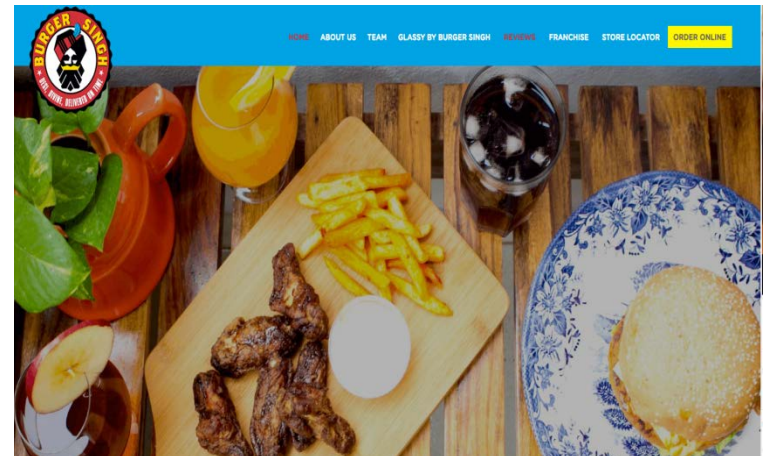
McDonalds India



KFC Bangladesh



KFC Vietnam



SINGH BURGER

Asian Farming Transformation

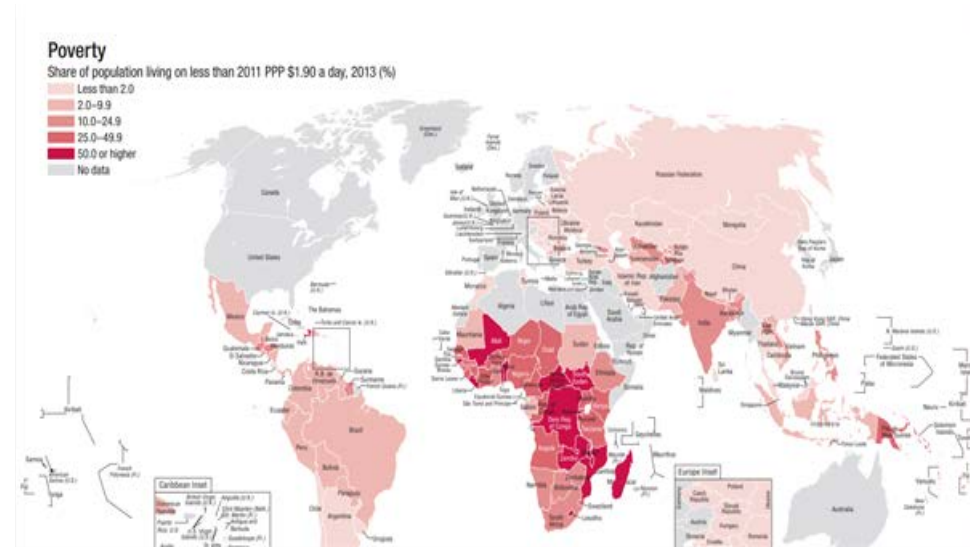
亚洲农业和农村的变化

- Declining labor force and aging farming population
- Rising wage rate and land cost
- Changing roles of men and women
- Current focus: Mechanization, land consolidation, sustainable intensification, diversification, women & youth involvement, service provider, market-orientation, etc.

Despite All These Achievements/Transformations

Asia is still home to:

- Largest number of poor people
- Largest number of hungry people
- Largest number of undernourished people

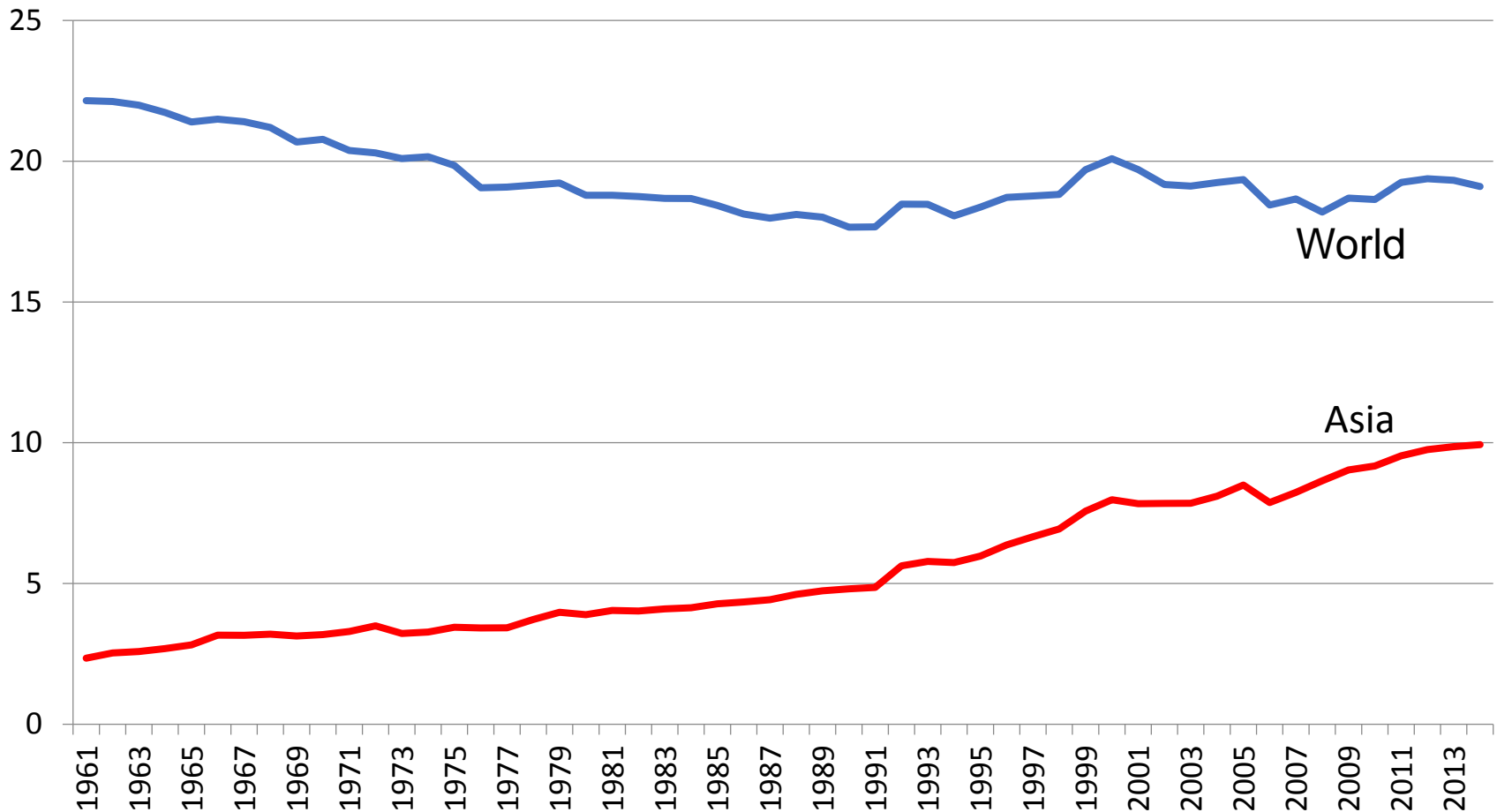


World Bank Poverty Map

2. Potato and Sweetpotato in Asia 亚洲的马铃薯和甘薯

Asia already a major producer of potato

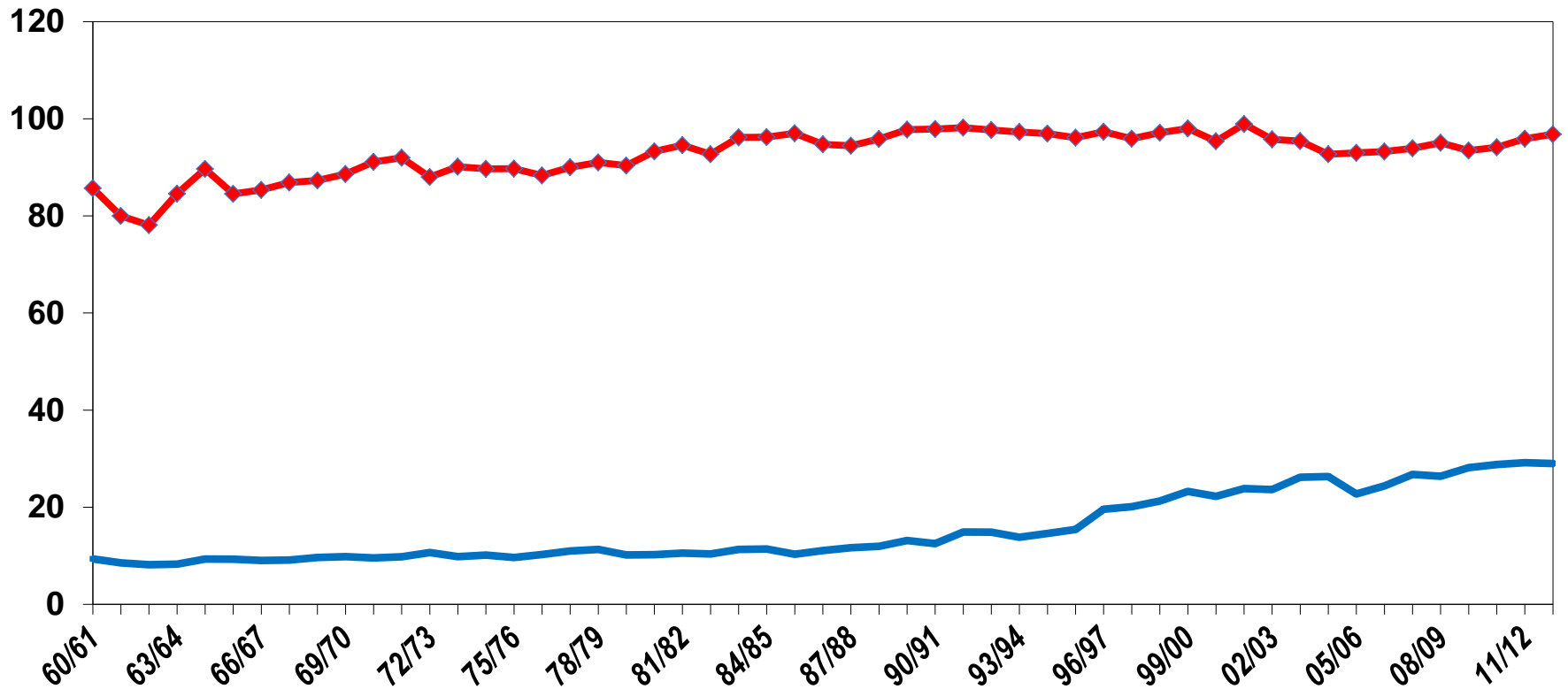
Million Hectares



Asian per capita utilization: rice vs potato

亚洲人均水稻和马铃薯占有量

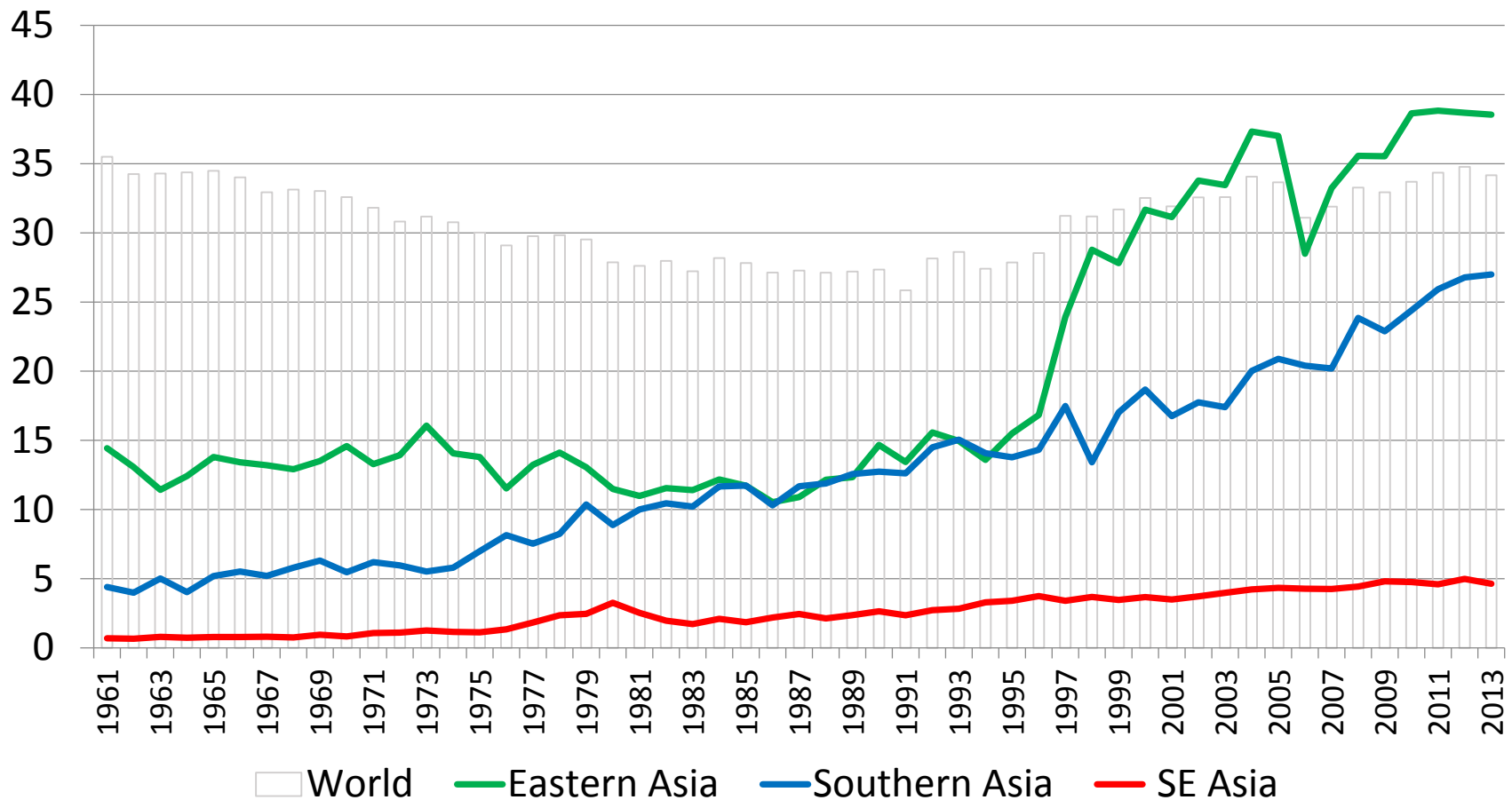
Kilograms/year



Wide variation in potato consumption

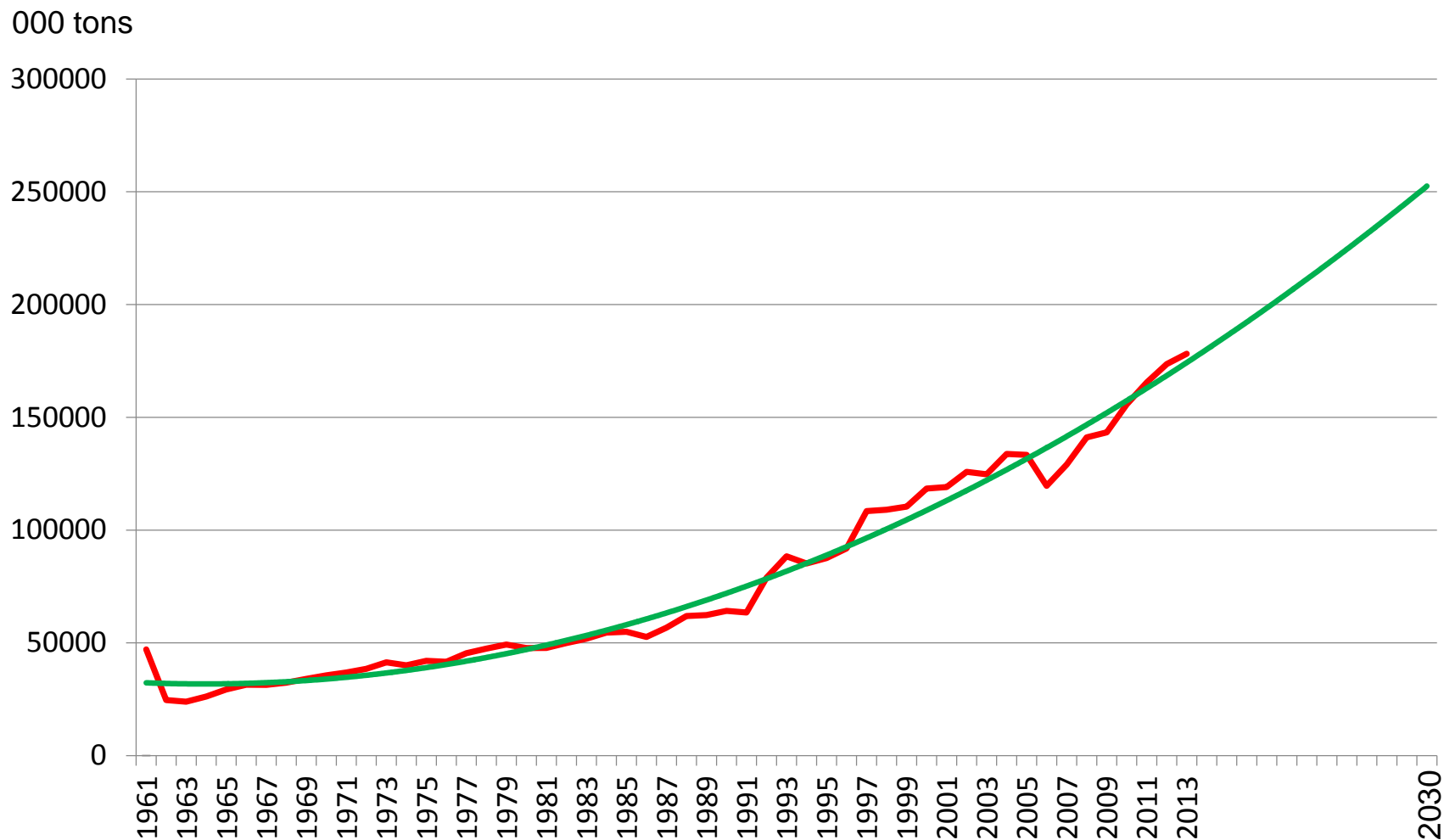
亚洲马铃薯消费的变化

Per capita (in Kilograms)



Data source:
FAOSTAT

Asian potato consumption will continue to rise

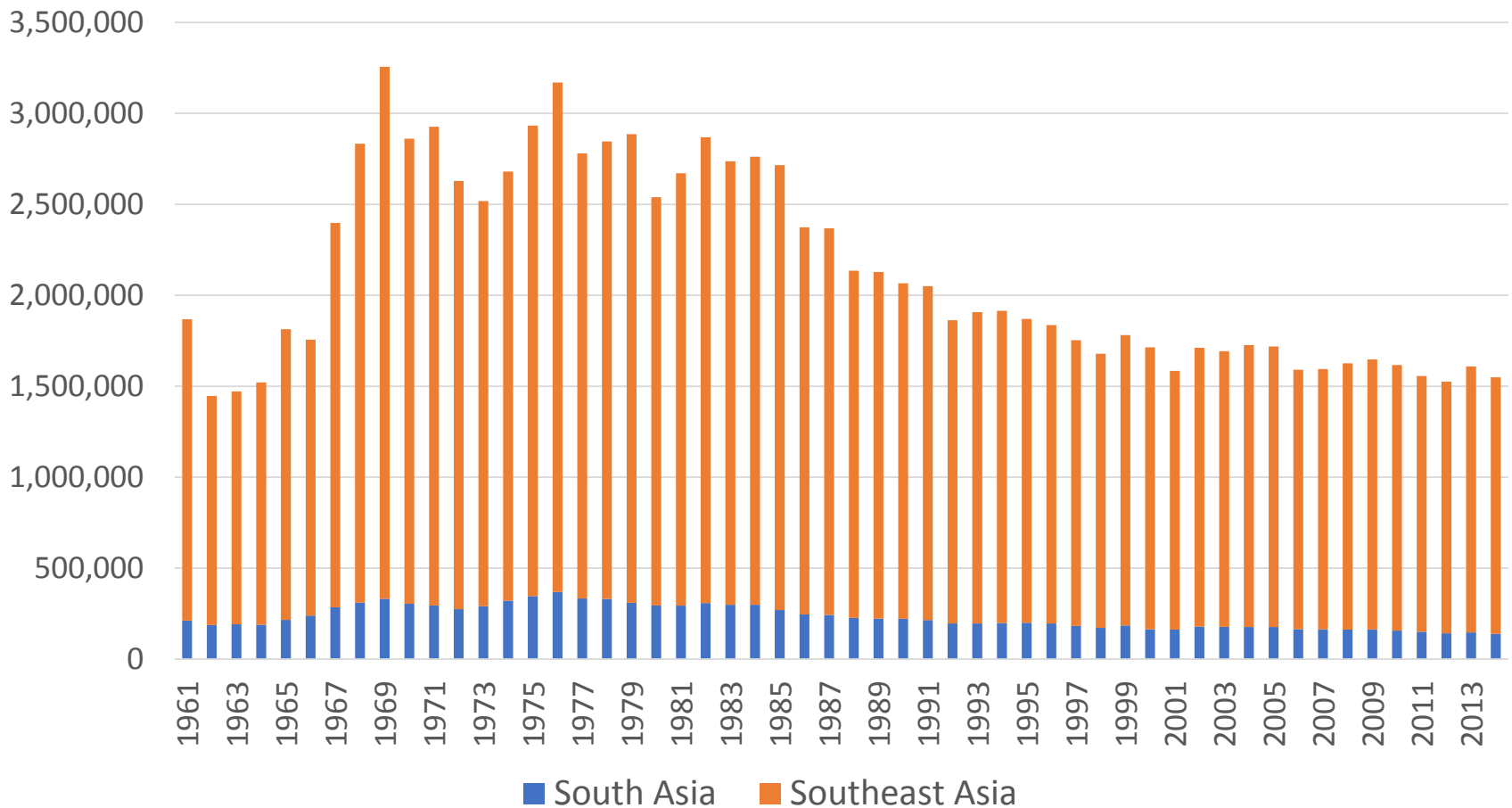


Data Source: FAOSTAT

Sweetpotato Acreage on Decline

亚洲甘薯种植面积下降

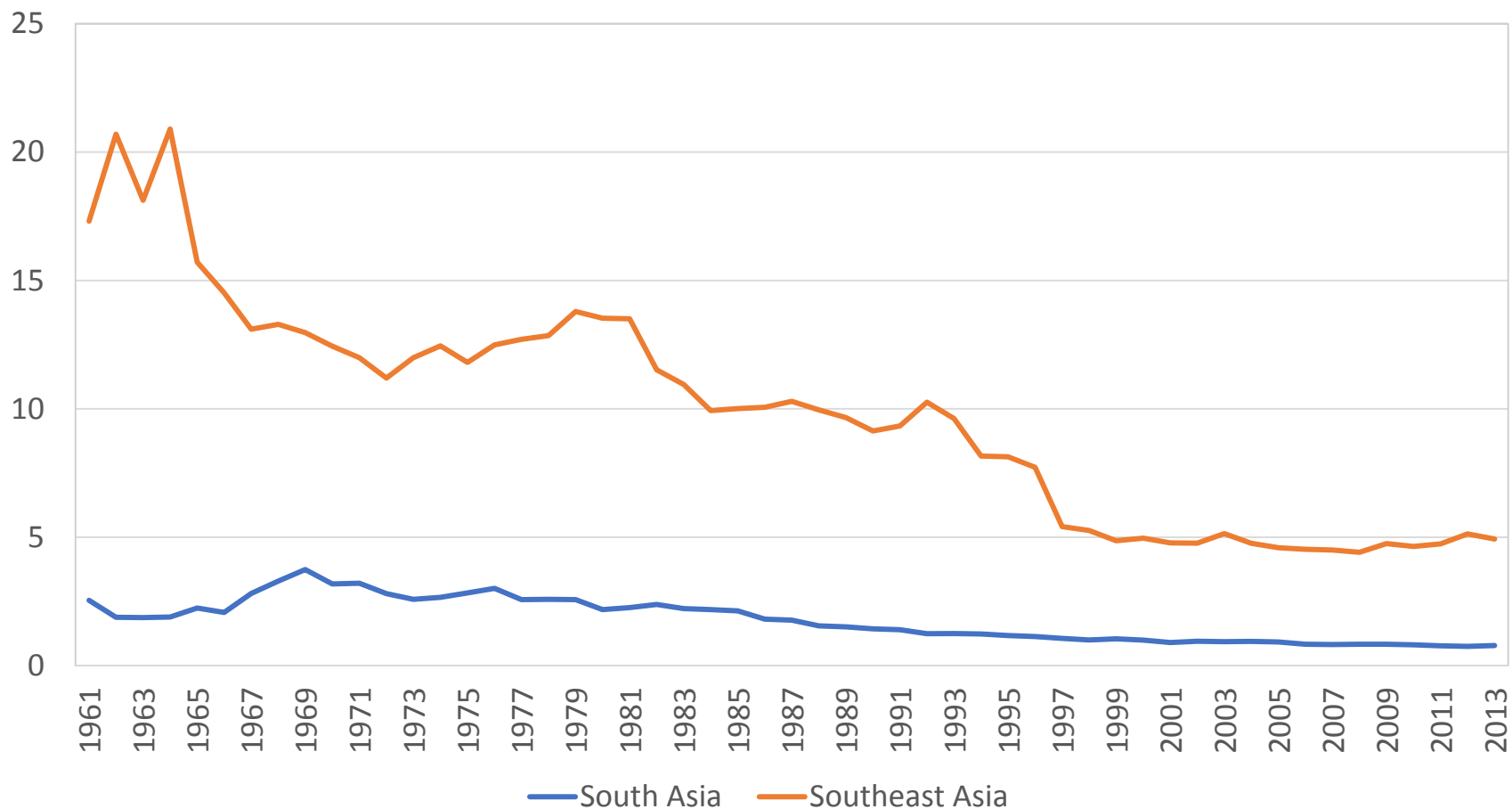
Hectares



Per Capita Sweetpotato Availability

亚洲人均甘薯占有量下降

Kilograms



3. CIP Asia Goals CIP的亚洲目标

- Breed tropically-adapted high yielding potato varieties:
 - 70-80 days for lowland
 - 100-days for highland,
 - Late blight, virus and nematode resistant with good storage capacity;
 - For processing: high dry matter, low sugar and good tuber shape.
- Potato and sweetpotato value chain development
- promote systems approach for crop intensification in cereal-based systems (rice-potato; wheat-potato; rice-sweetpotato)
- Train next-generation potato and sweetpotato scientists.
- Gender and youth integration across all our activities

4. Action Plan 行动方案

Public-Private-Partnership

- **Market driven breeding programs: To enhance adoption of varieties by combining strengths of the public and private sector.**
 - Example: Partnering with HZPC Holland B.V., and Syngenta Foundation for developing 5+ tropically suited potato varieties.
- **Varietal trial and release**
- **Seed system**
- **Value chain development**
 - Example: FoodStart+

Partnership sustainable intensification of cereal based systems

探索建立新的耕作栽培制度—谷物+马铃薯

- **Recently signed research agreement with IRRI to work together in Asia**
 - Our first joint proposal has been submitted to Bihar (India) Government
 - Developing another proposal for Chhattisgarh (India)
- **In discussion with CIMMYT to work together in wheat based systems.**

Other Potential partnerships---XX+甘薯

- With WorldFish: Use of sweetpotato as aquafeed, sweetpotato production in coastal areas for resilience and planting sweetpotato on the banks of fish ponds
- ICRISAT/AVRCD: for pulses and vegetable intensification

CIP Regional Offices 实现目标的条件

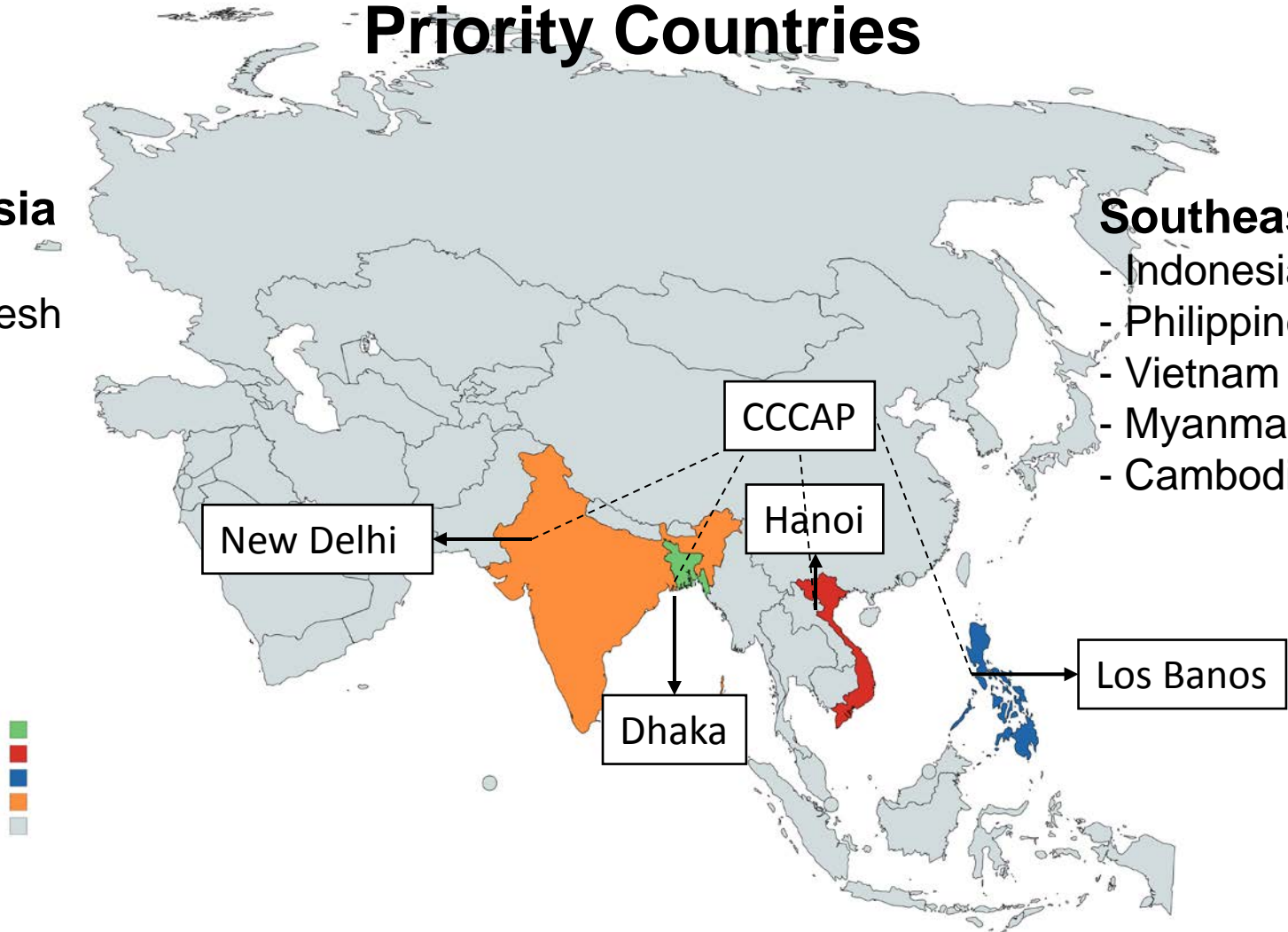
Priority Countries

South Asia

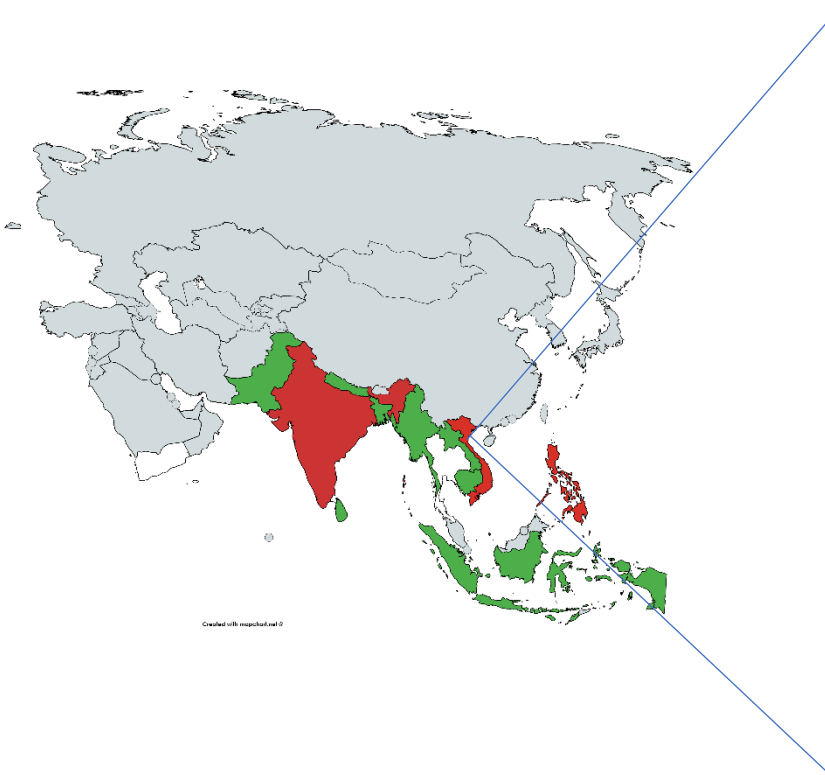
- India
- Bangladesh
- Nepal
- Pakistan

Southeast Asia

- Indonesia
- Philippines
- Vietnam
- Myanmar
- Cambodia



Our New Regional Office in Hanoi

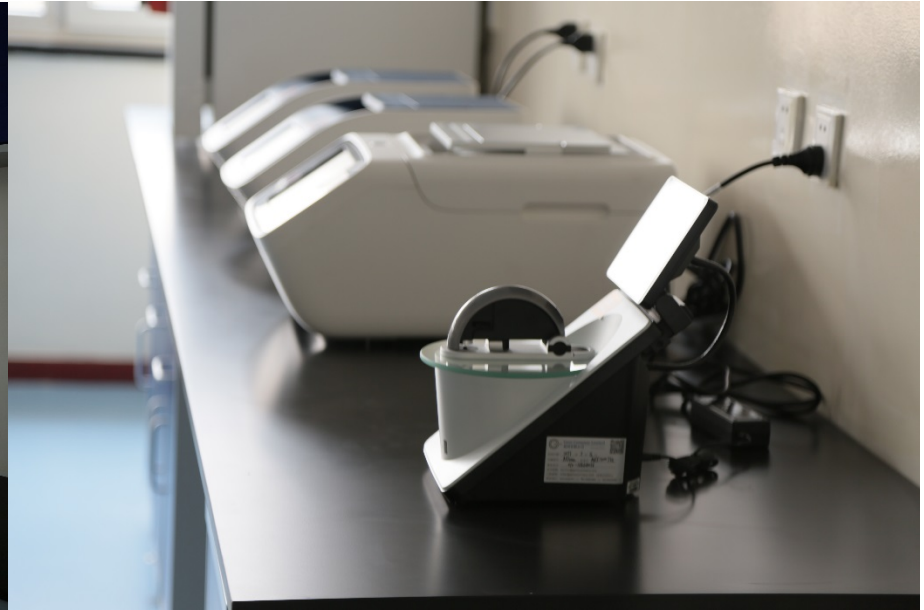


5 GRS based in Hanoi now

国际马铃薯中心亚太中心延庆基地全景

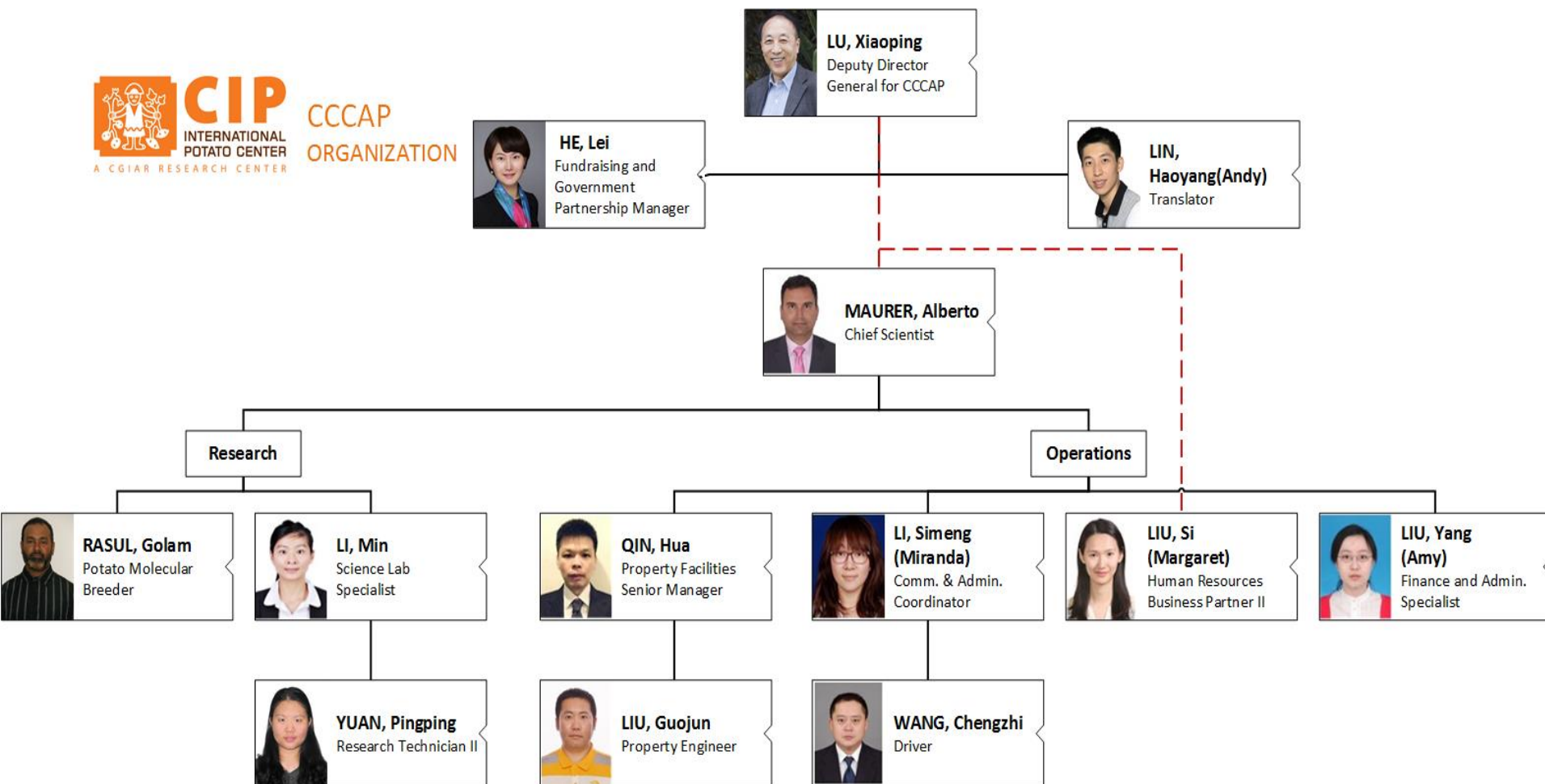


实验室第一批设备到位





亚太中心现有团队



Diversifying Funding Source

多元化筹资渠道

- **Many middle-income Asian countries are heavily investing on agricultural sector development**
 - Middle-income Asia: China, India, Thailand, the Philippines, Malaysia, Vietnam, and Indonesia
 - Low-income Asia: Bangladesh, Nepal, Pakistan, Myanmar, Cambodia, and Laos
- **For developing Asia: the strategy will be to pursue domestic funding opportunities in addition to funding from international agencies**
- **LDC Asia: the primary efforts will be to pursue opportunities available with international funding agencies.**

Current Fund Raising Efforts

■ India

- Potato project in Assam (Approved)
- Potato project in Haryana (Approved)
- Sweetpotato project in Andhra Pradesh
- Potato project in Karnataka (Approved)
- Potato and sweetpotato projects in Odisha (sweetpotato approved)
- Potato project in Bihar (with IRRI)
- Potato project in Uttar Pradesh (with IRRI)

■ Philippines (sweetpotato)

- Department of Science & Technology
- Department of Agriculture

■ Bangladesh

- Potato and sweetpotato (GIZ) (Approved)
- USAID (ABT Associate) (Approved)
- ACI for potato breeding
- Potato and sweetpotato (with IRRI)

■ Vietnam

- CCAFS Southeast Asia: food system (2018); Climate resilient cropping system (2019-2021) (Approved)

■ Nepal

- Potato (with CCCAP)

Central Asia and Caucasus Region

EU
USAID



Khatlon
USAID



IFAD China – Central Asia
Government of China –
One Belt-One Road

谢谢大家!

Thank You!

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