

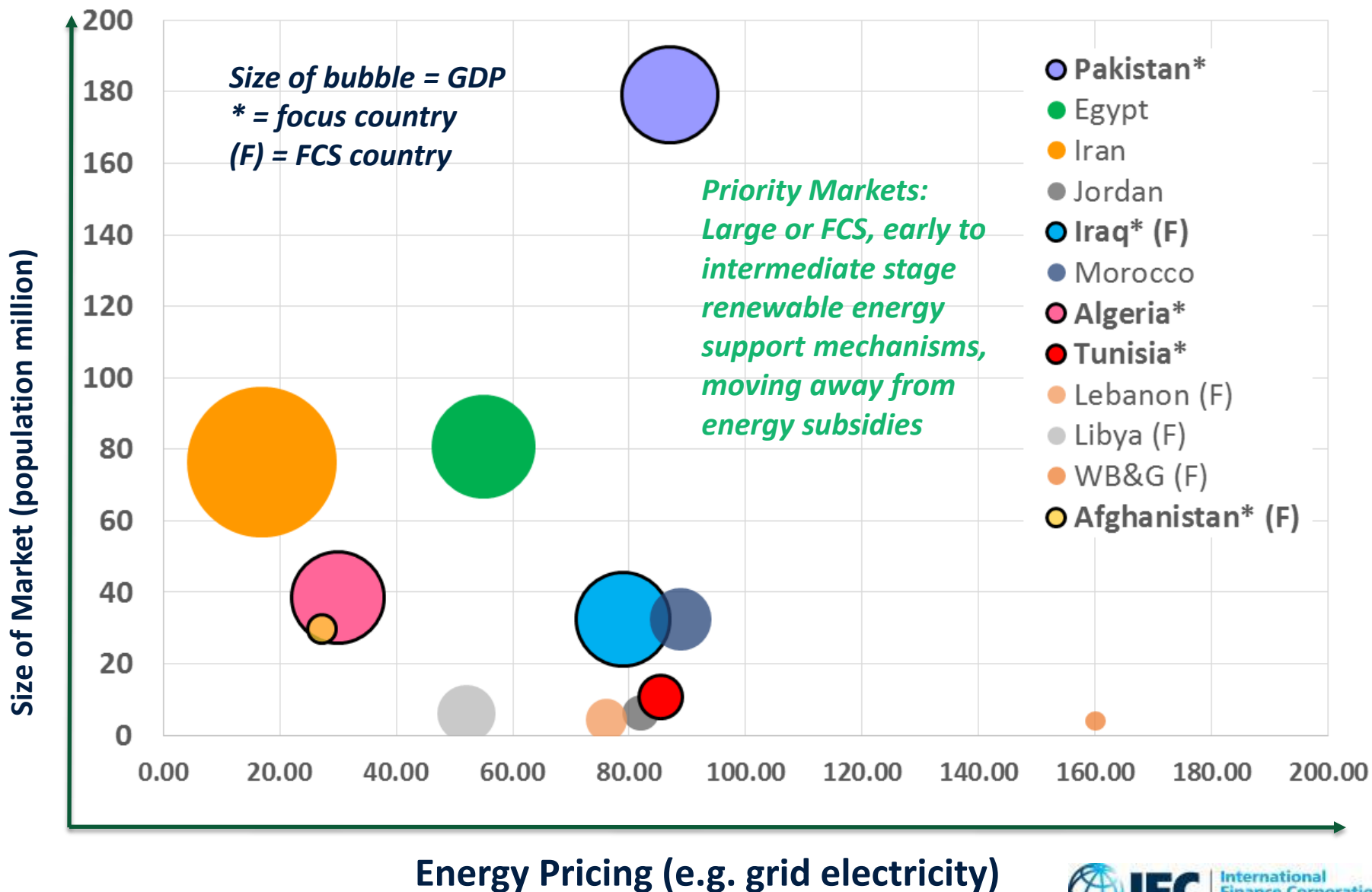
Pakistan?



October 2016



Focus countries



A Few Facts



**69 MILLION
OFF GRID**



**75 MILLION
BAD GRID**

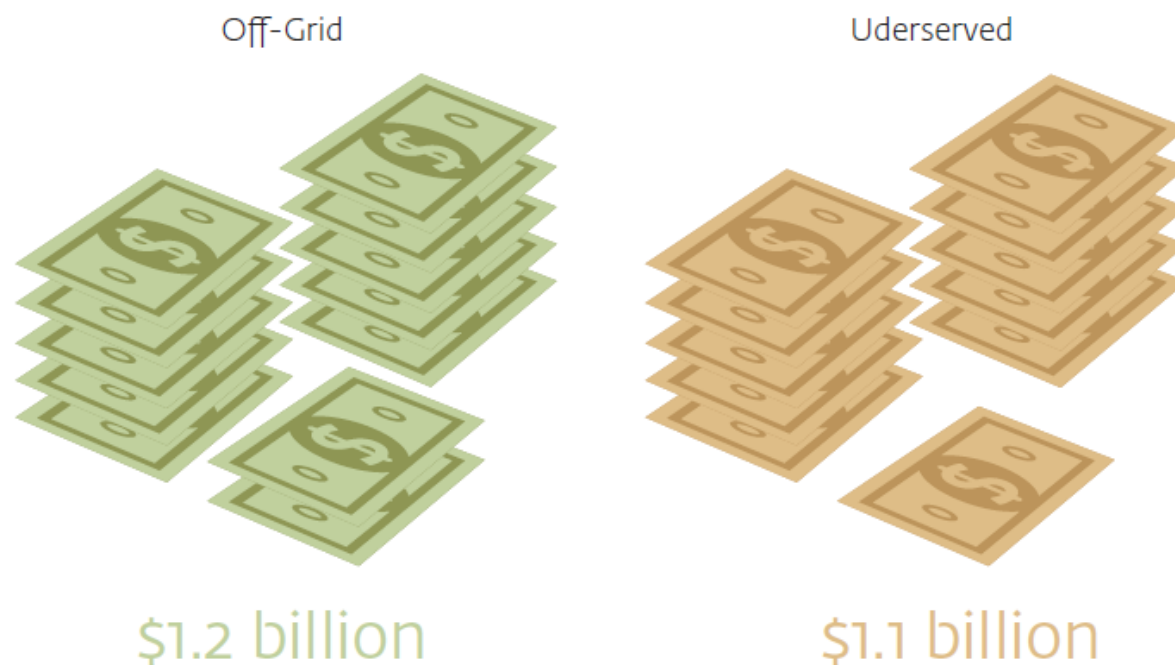


185 MILLION



**2.3 BILLION
PER YEAR**

Annual Spending On Off-grid Lighting

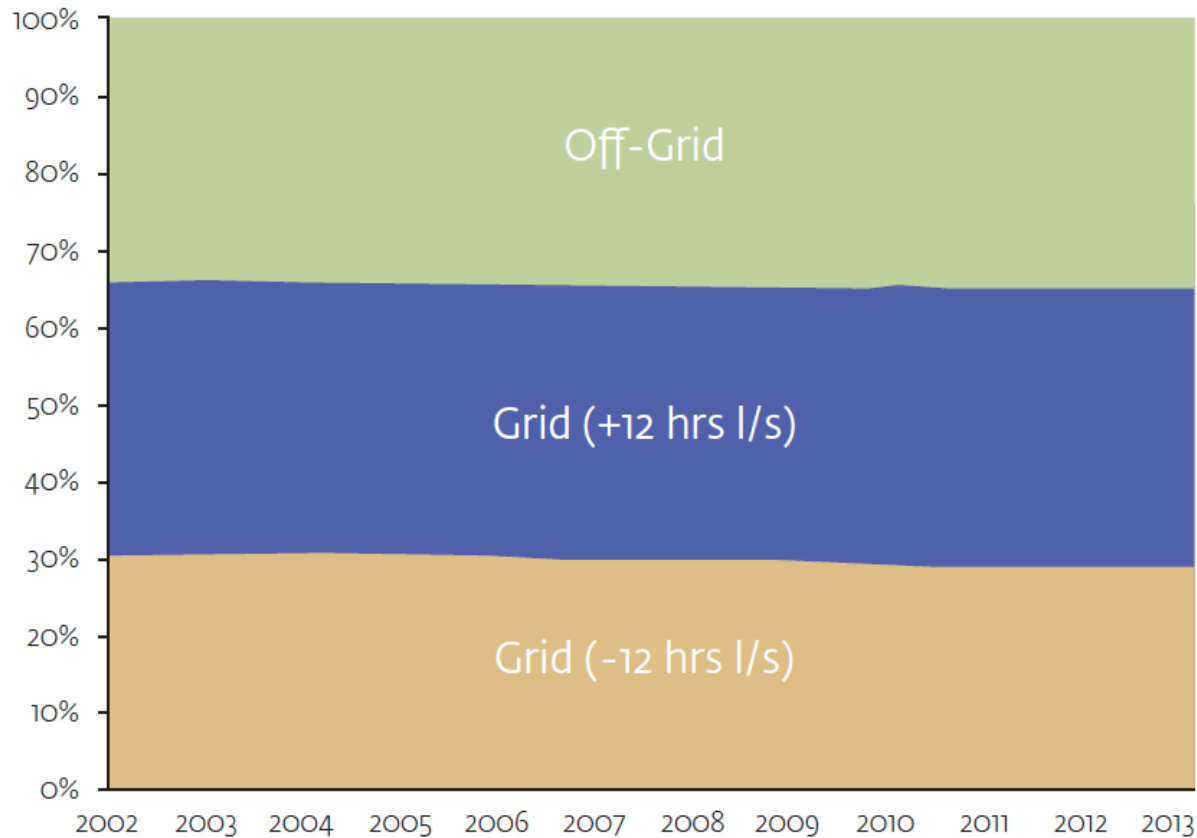


(Source: IFC Consumer Perceptions Study Field Research)

Electrification Rate - Pakistan

Supply-Demand Gap
4,500-5,500 MW

Inefficient Power Transmission
Losses of 23-25%



Rupee 14.70

(Source: World Bank Development Indicators Database; IFC Consumer Perceptions Study Field Research)

Energy Mix

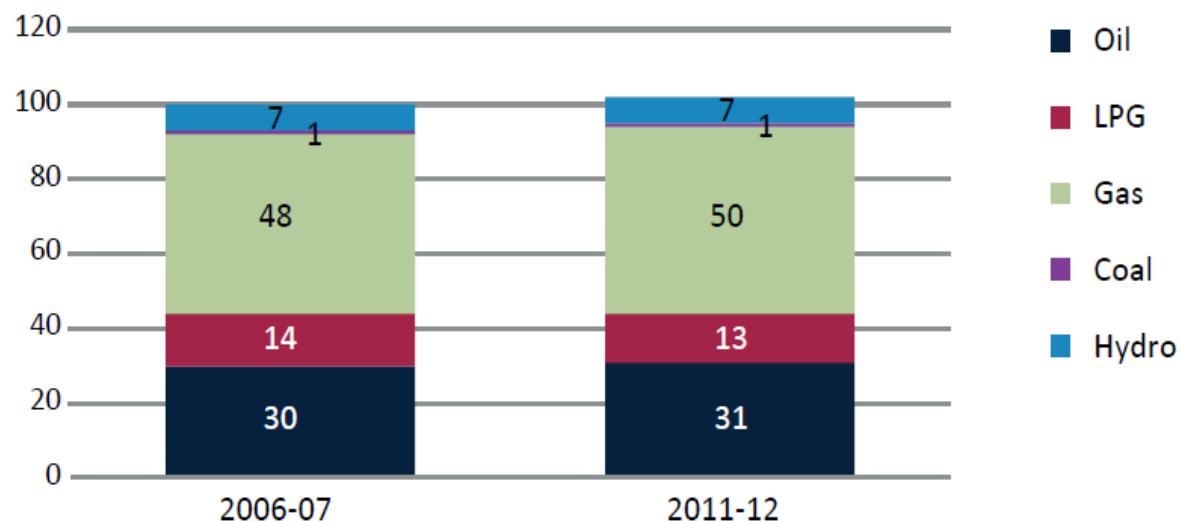


Figure 5.1: Comparison of Different Fuel in the Energy Mix (% of 2006-07 values)

Industrial, transport, and residential are the major energy users in the country. Table 5.1 below shows primary energy consumption in Pakistan by sector.

Types of Generation	Installed Capacity (MW)	Available Capacity (MW)	
		Summer	Winter
Hydro	6,928	Max 6,945	4,627
GENCOs	4,829	Max 3,250	2,960
IPPs (incl Nuclear/ Wind)	9,065	Max 5,340	5,230
Total	20,822		

- i. It invites investment from the private sector for following categories of proposals:
 - a. Independent power projects, or IPPs (for sale of power to the grid only)
 - b. Captive cum grid spillover power projects. (i.e., for self-use and sale to utility)
 - c. Captive power projects (i.e., for self or dedicated use)
 - d. Isolated grid power projects (i.e., small, stand-alone)

Pakistan Fun Facts

To date, IFC has made cumulative investments worth \$5.2 billion in Pakistan.

In fiscal year 2014, we committed \$453 million in the country, including \$23 million in mobilization from other investors and lenders.

Our current committed portfolio stands at \$960 million and represents IFC's second-largest country portfolio in the Middle East and North Africa.

Pakistan Fun Facts

Since fiscal year 2010, IFC has committed to five power projects worth \$230 million,

First private hydro power project, Laraib.

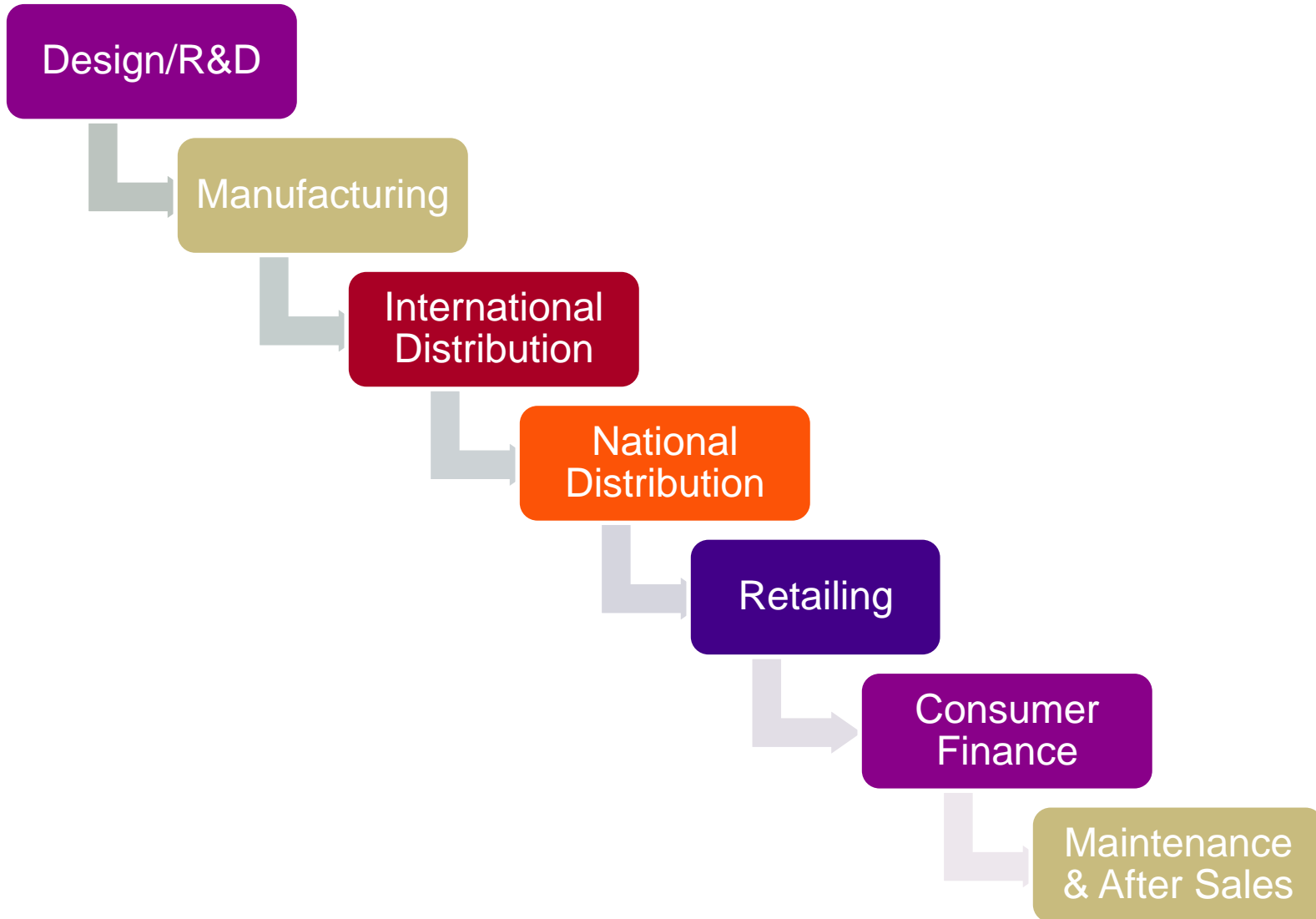
First internationally financed wind power project, Zorlu Energy.

First privatized power utility in the country, KESC.

2015 helped mobilize \$168 million, of which \$148 million was for Star Hydro Power to support the construction of a private hydro-power project.

\$10 million long-term loan for the first LEED certified green building in the country.

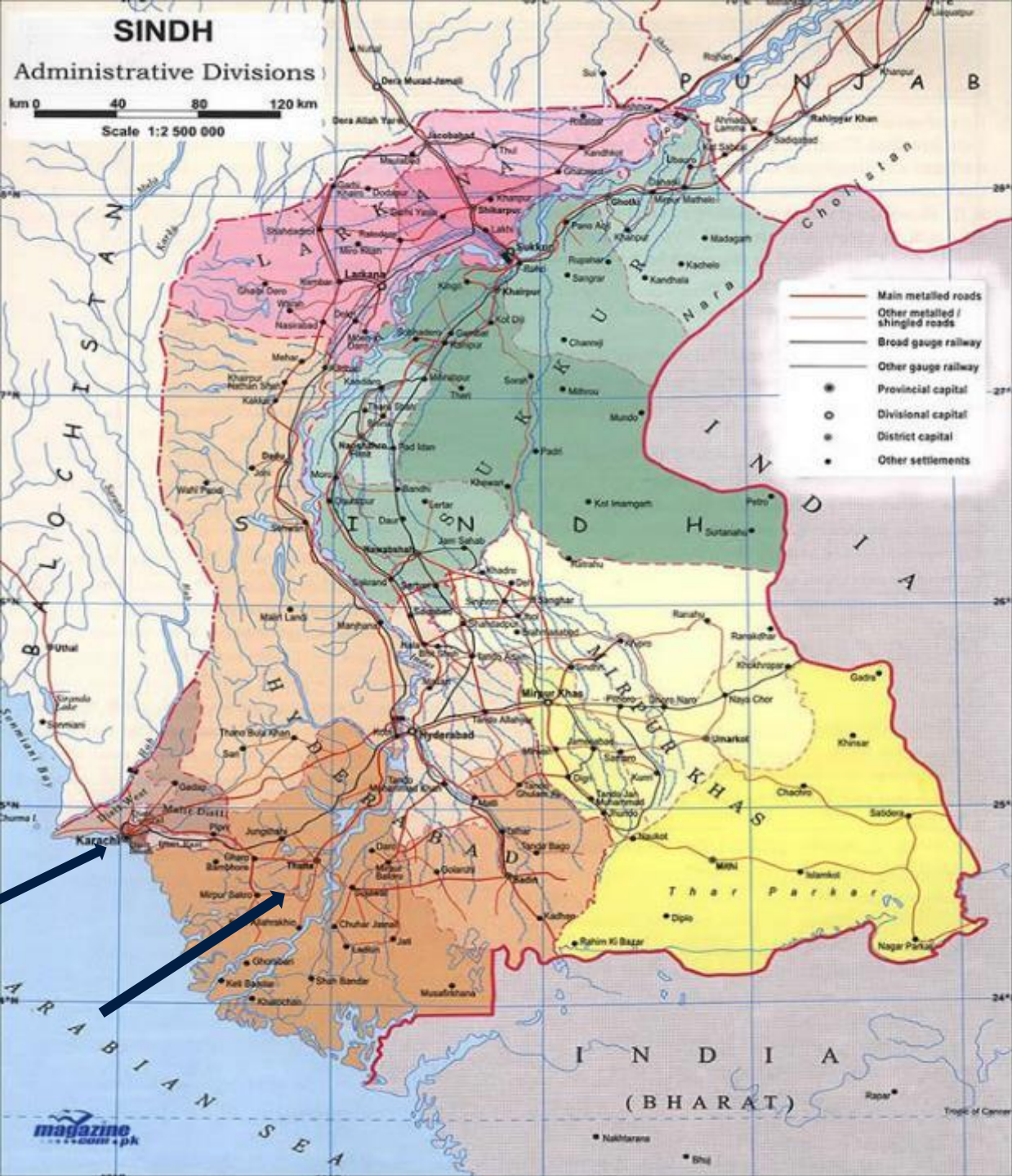
The Supply Chain



SINDH

Administrative Divisions

km 0 40 80 120
Scale 1:2 500 000



PAKISTAN



Thatta (Sindh) Tea House



Thatta (Sindh) Tea House



Thatta (Sindh) Tea House



Thatta



Thatta







Our Impact



Direct Impact

Indirect Impact

Hybrid Approach

THANK YOU

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