

THE PROBLEM

3 billion people use firewood and dung cakes to cook food

4.3 million perish to respiratory illnesses each year

In Pakistan, tuberculosis and pneumonia are among the top causes of death, yet one of the least understood or discussed ailments

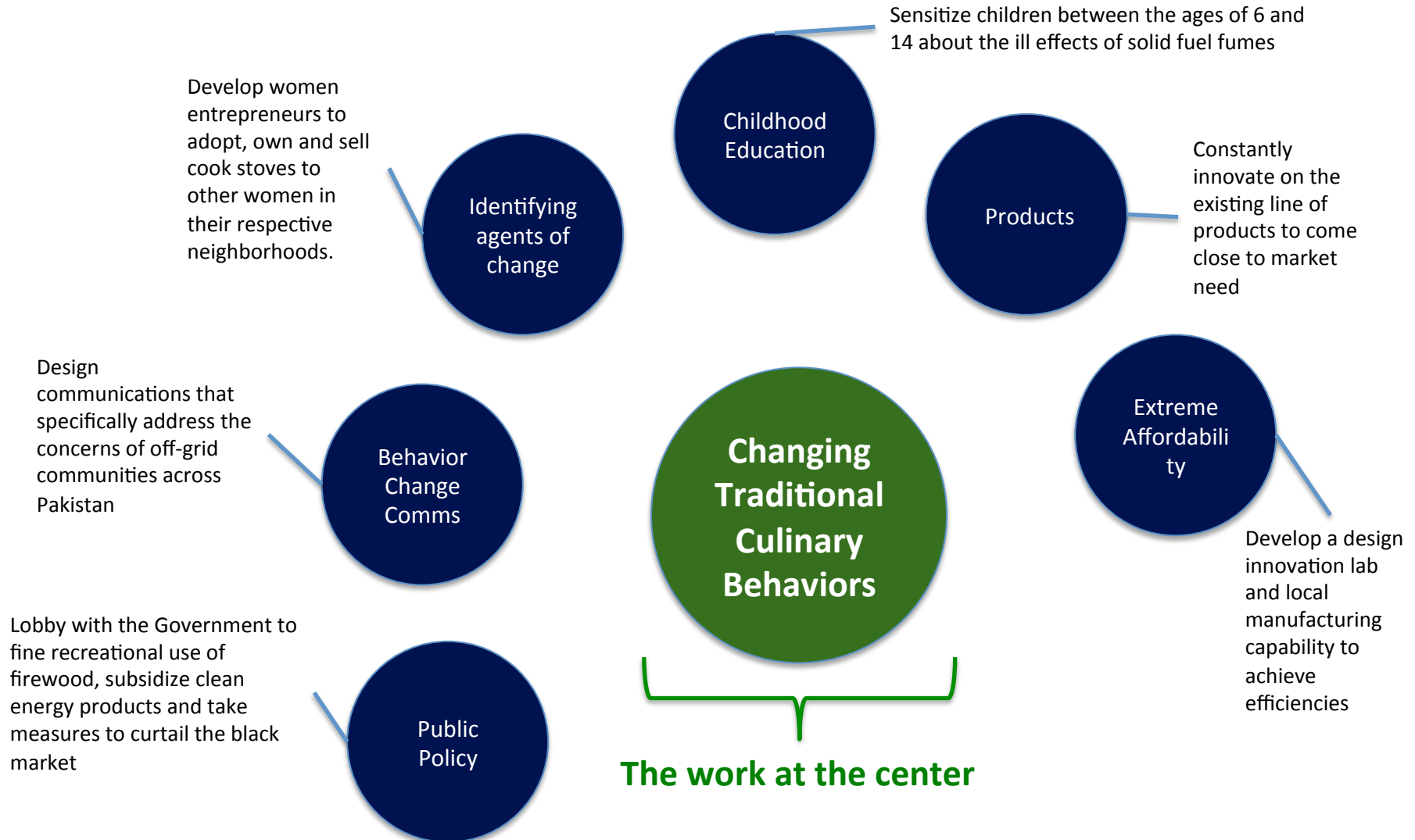
Pakistan is losing 47,000 hectares of forest cover every year

Countless families spend more than a quarter of their income towards purchasing cooking fuel

25% of global warming is attributed to the use of firewood of traditional cook stoves

A majority of the affected population does not have access to clean cook stoves

THE SOLUTION



TECHNOLOGY

Clean cook stoves that drastically reduce or eliminate harmful fumes can potentially save 4.3 million lives and prevent countless respiratory illnesses

Jaan Pakistan is introducing evacuated tube, parabolic and other solid fuel clean cook stove technologies

Evacuated Tube Technology – traps the power of the sun in a transparent vacuum tube that acts like a baking oven

Parabolic Cookstoves – a reflective dish that concentrates the power of the sun to a focal point

Biomass Clean Cookstoves – modified to burn firewood, dung cakes and charcoal at higher efficiencies and reduce emissions by 80% and consume less fuel



TEAM



Founder/CEO

Khizr Imran Tajammul founded Jaan Pakistan in June 2014. Khizr has led a number of behavior change communication campaigns in the last eight years. Khizr won the Rwanda Social Startup Competition in 2014.



Advisor, Fundraising

Saad Hasan Latif recently help secured USD 1.8 million at Husk Power Systems, a renewable energy startup based in Tanzania. Saad is a Global Acumen Fellow and a Development Manager at Mobisol.



Advisor, Product Development

Muhammad Ali Chishti is an Electronics, Communications and Management Information Systems expert. Chishti has fifteen years of experience and has consulted companies like CitiBank and Accenture.



COO/CFO



Danyal Hussain Tirmazi is a Chartered Accountant. Danyal has significant experience in rural electrification, including projects like Lighting a Million Lives, Clean Energy Lending Program and Drop of Sun.



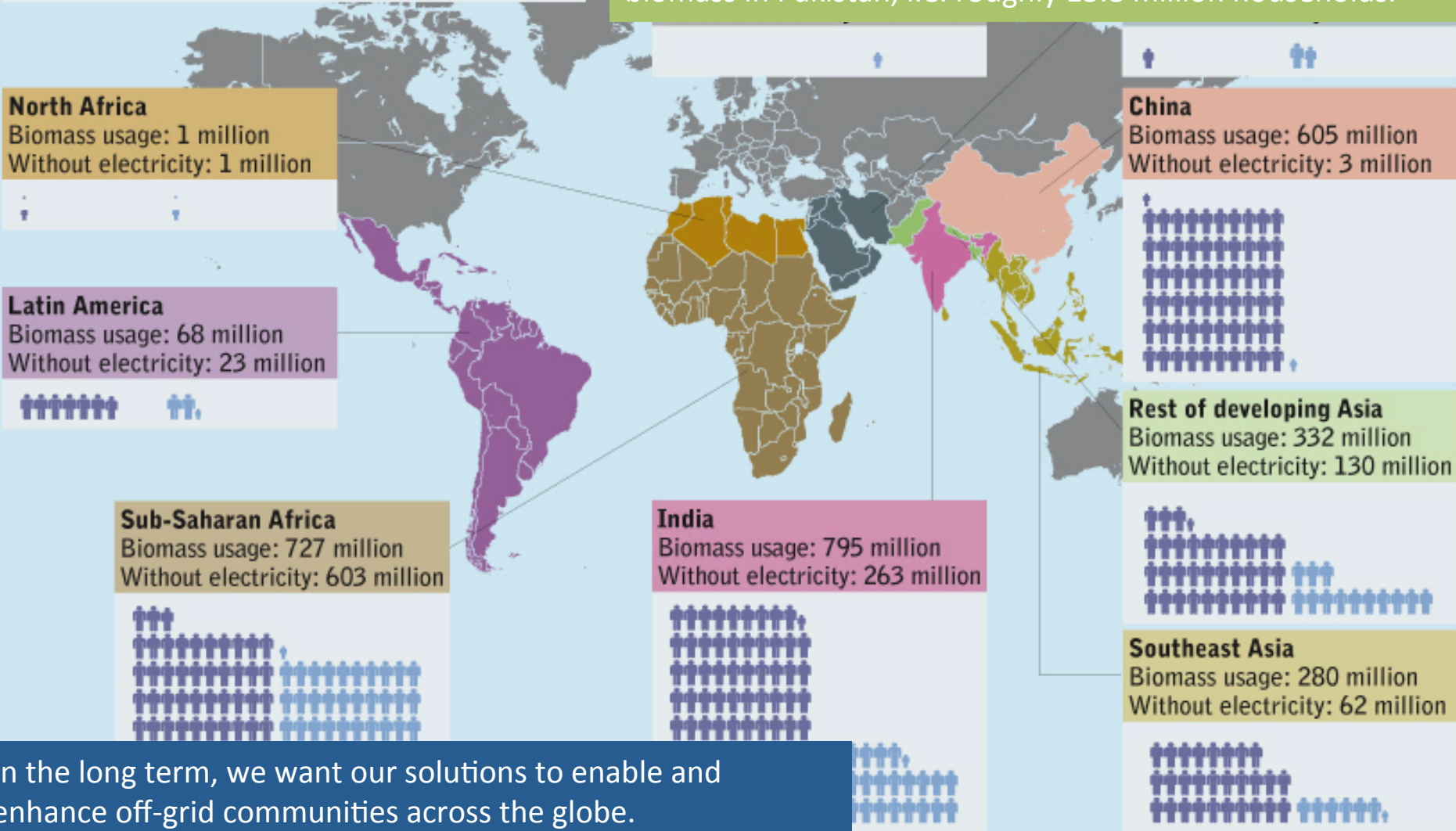
Advisor, Marketing

Kashaan Tajammul recently earned an MSc Digital Marketing degree from Warwick. He is now working at DU – one of two major mobile network operators in the U.A.E.

MARKET DETAILS

Key:
Population relying on traditional use of biomass for cooking  = 10 million
Population without electricity  = 10 million

In the short term, we will target 111 million people using biomass in Pakistan, i.e. roughly 13.8 million households.



In the long term, we want our solutions to enable and enhance off-grid communities across the globe.