

Updates on Off Grid Solar Kits (Electricity in a Box) Pilot Project

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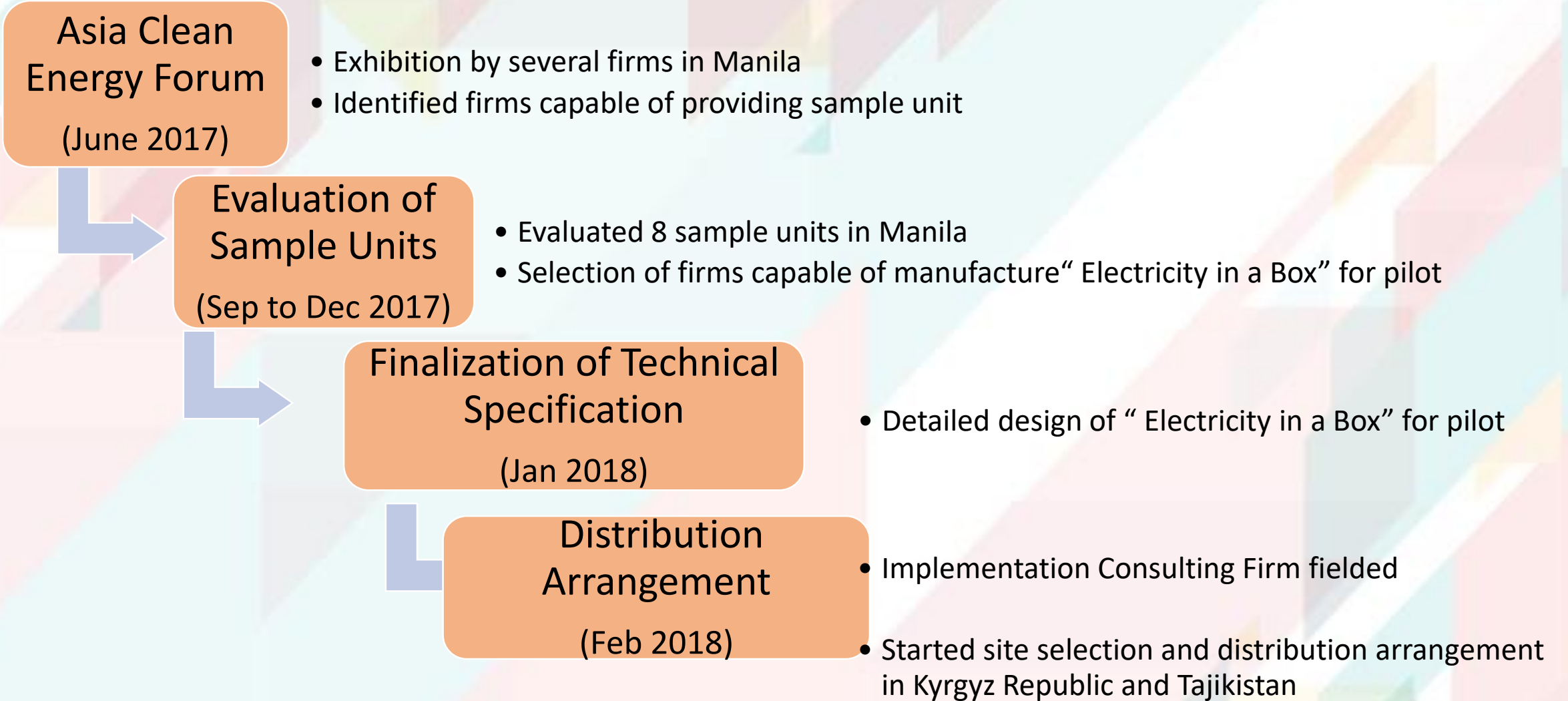
THE 28TH CAREC
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Concept of “Electricity in a Box”

- Provide access to electricity in rural/remote area
- Super Efficient System:
 - ✓ Lithium-ion Battery
 - ✓ DC appliances
 - ✓ LED lights and TVs
- Low Costs
 - ✓ Less than \$1,200 per unit
- Plug-and-play
- Zero waste packages



Progress So Far



Mid June - Units arrived at Bishkek



Distributed Sites in Kyrgyz Republic for Pilot



Suusamyr Valley, Kyrgyz Republic



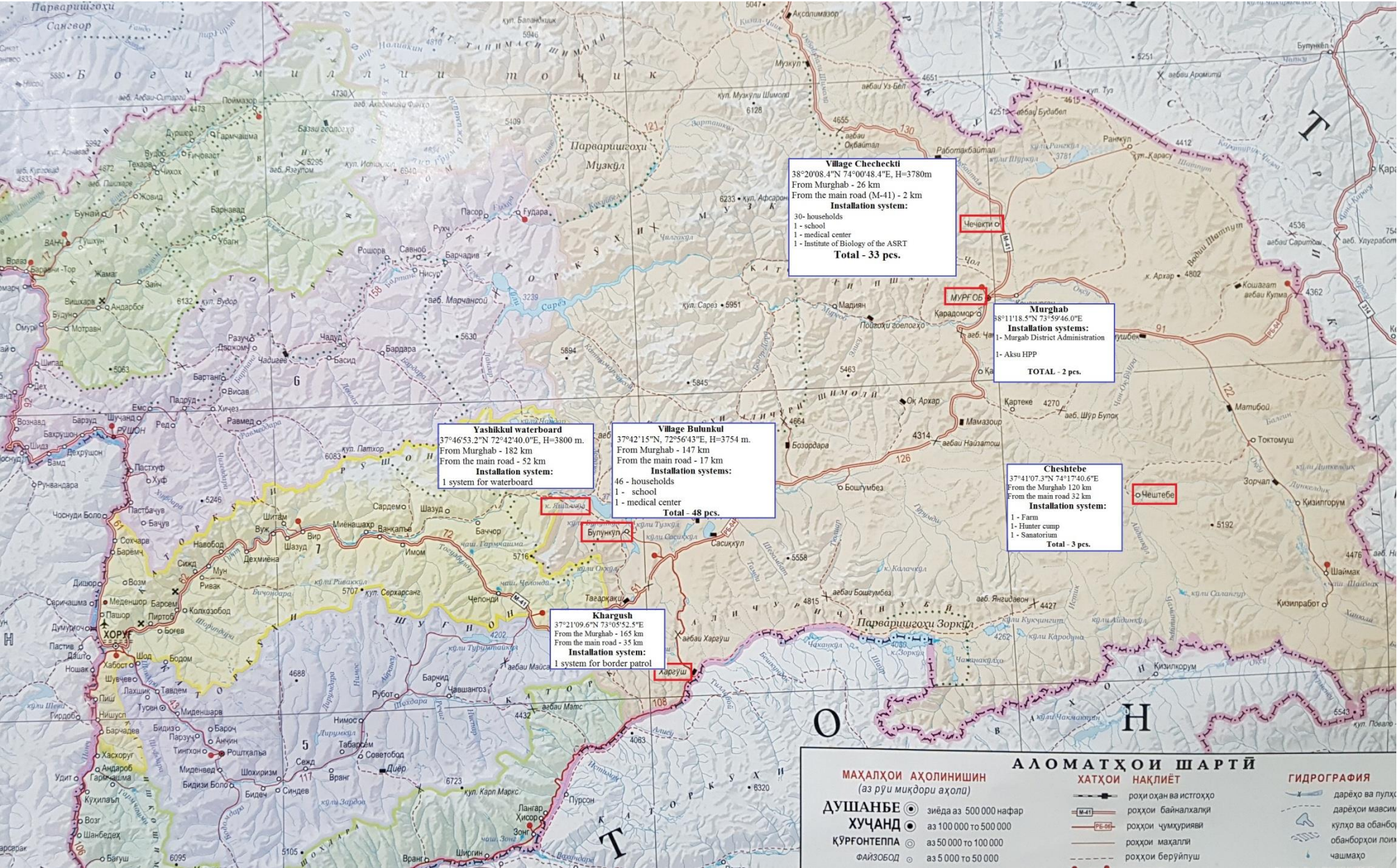
Kensuu, Kyrgyz Republic



Kyzyl-Beit, Kyrgyz Republic



Distributed Site in Tajikistan



Household in Bulunkul, Tajikistan



Household in Bulunkul, Tajikistan



School in Bulunkul, Tajikistan



Medical center in Bulunkul, and Chechekty



School in Chechekty, Tajikistan



Business model for Scale up

- Cost Recovery (\$1,200)
 - \$20+/month for 5 years
 - \$200 for upfront fee + \$18+/month for 5 years
 - Average village household in KGZ pays \$10/month for Kerosene
 - Smaller system (\$400)
- Who collect? How to maintenance?
 - Utility Company
 - Partnership with Private Companies/NGOs
 - Village/Community