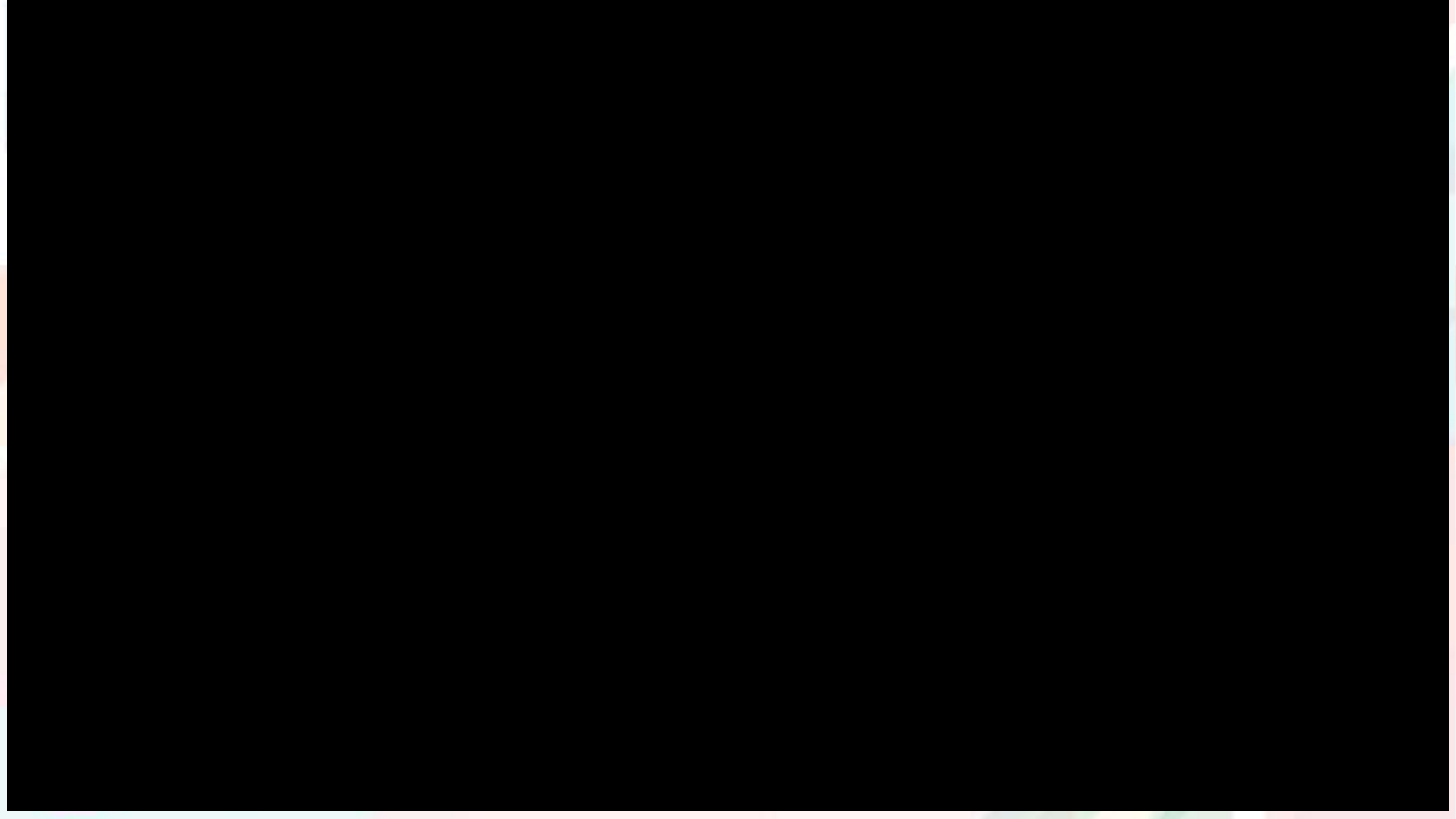


**Updates on RETA:  
Access to Electricity  
with New Off-Grid Solar Technology  
in Central Asia**



**27th CAREC ESCC MEETING**  
13-14 March 2018, Yyldyz Hotel Ashgabat, Turkmenistan

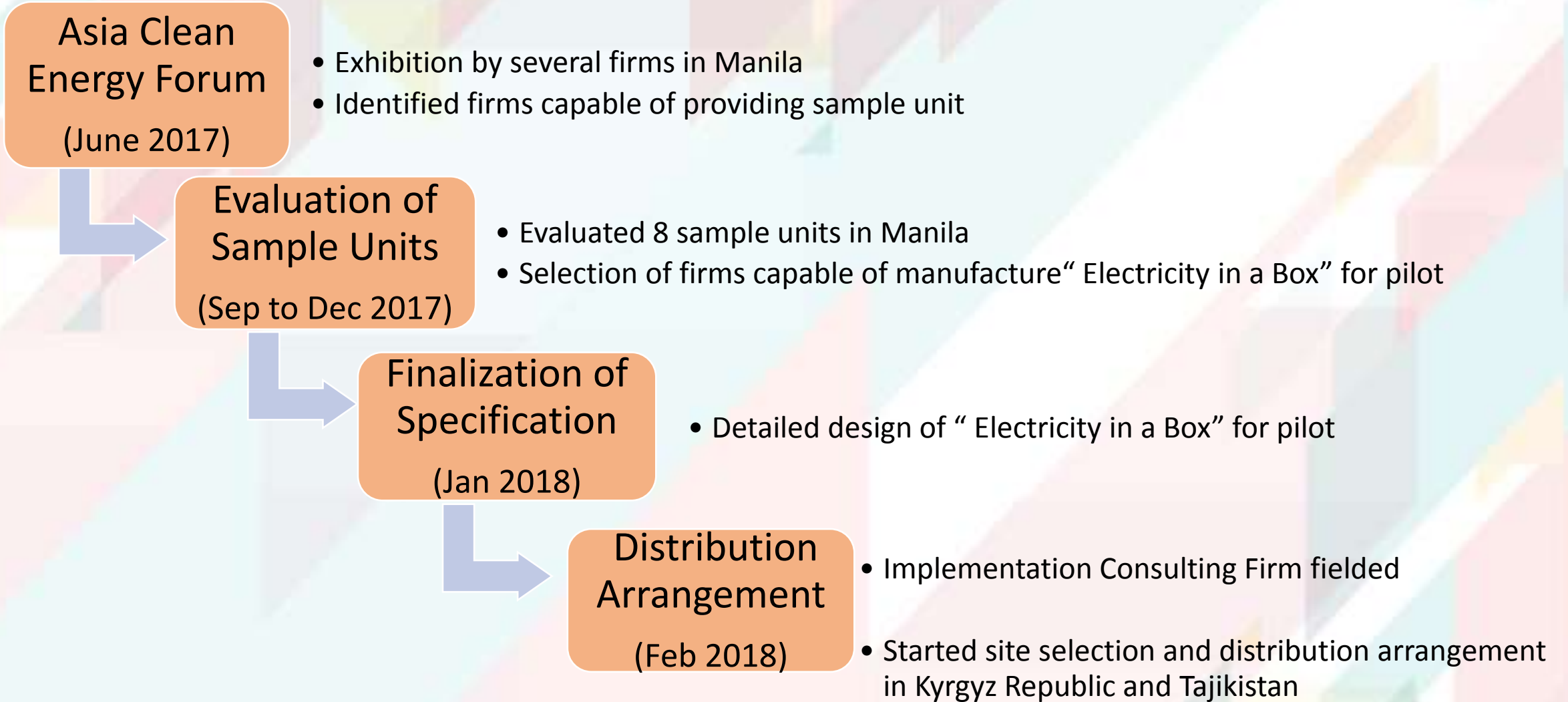


# Concept of “Electricity in a Box”

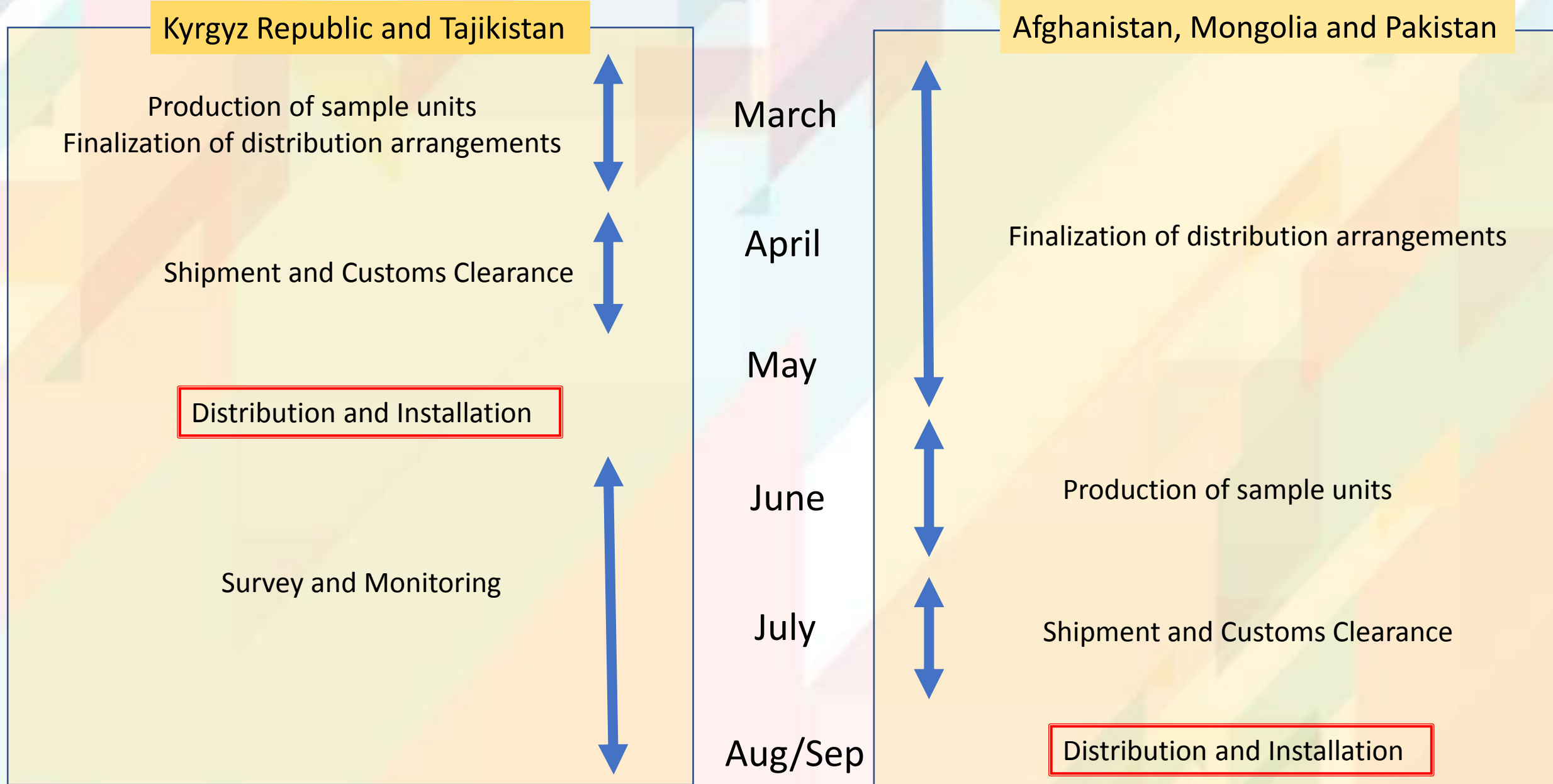
- Provide access to electricity in rural/remote area
- Super Efficient System:
  - ✓ Lithium-ion Battery
  - ✓ DC appliances
  - ✓ LED lights and TVs
- Low Costs
  - ✓ Less than \$1,200 per unit
- Plug-and-play
- Zero waste packages



# Progress So Far



# Expected Delivery Schedule



# Steps forward

Through Pilot stage, we will evaluate:

- Technical viability/sufficiency of the system
- Social acceptance
- Willingness to pay/ ability to pay by household
- Financial/Economic Variability

In Scale Up,

- Fine Tuning of sample units
- Innovative Business model to achieve cost recovery/financial viability



Thank you!

Reference: Specification of “Electricity in a Box”

**Jean, please add Final Specification of  
Kyrgyz and Tajikistan**