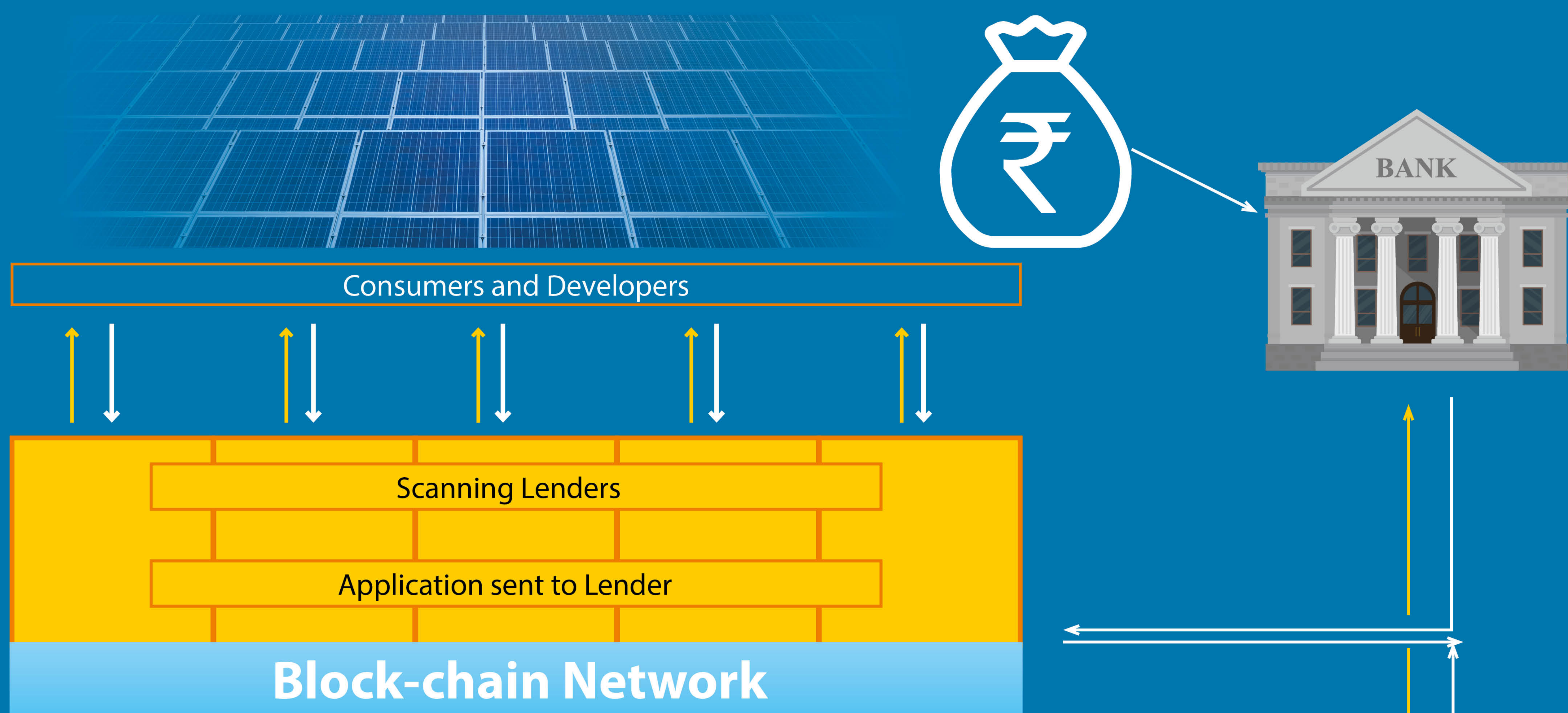
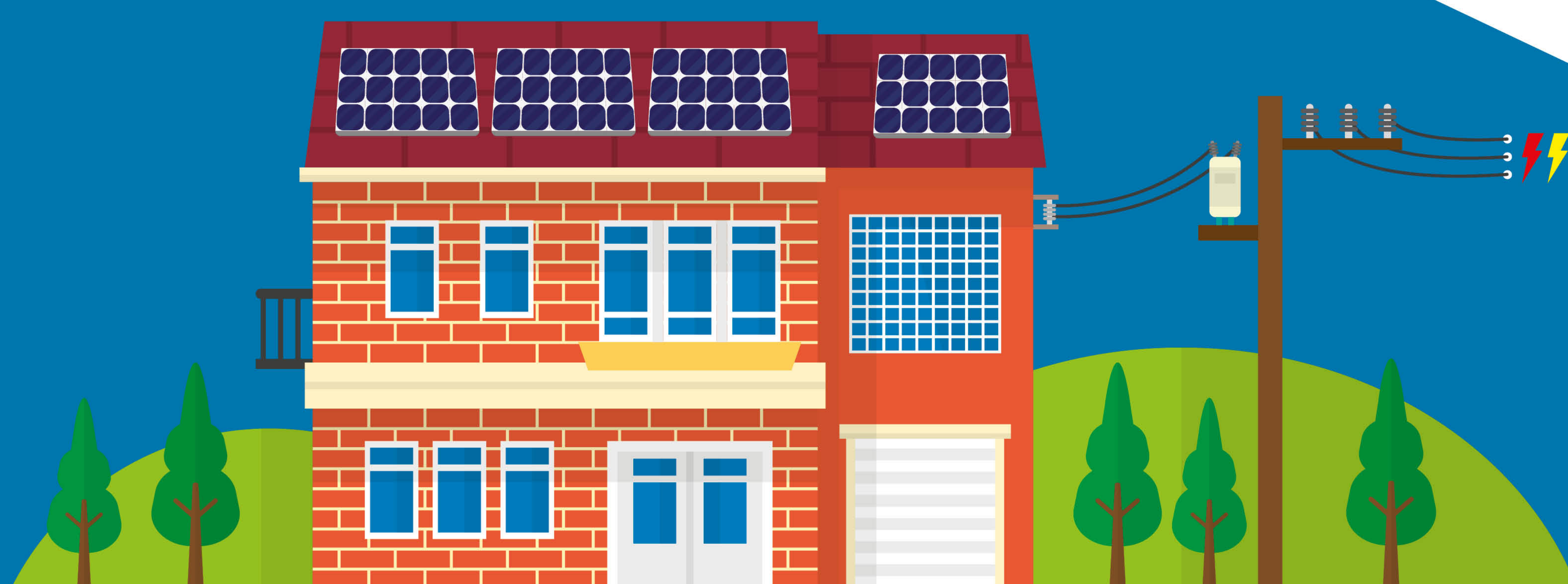
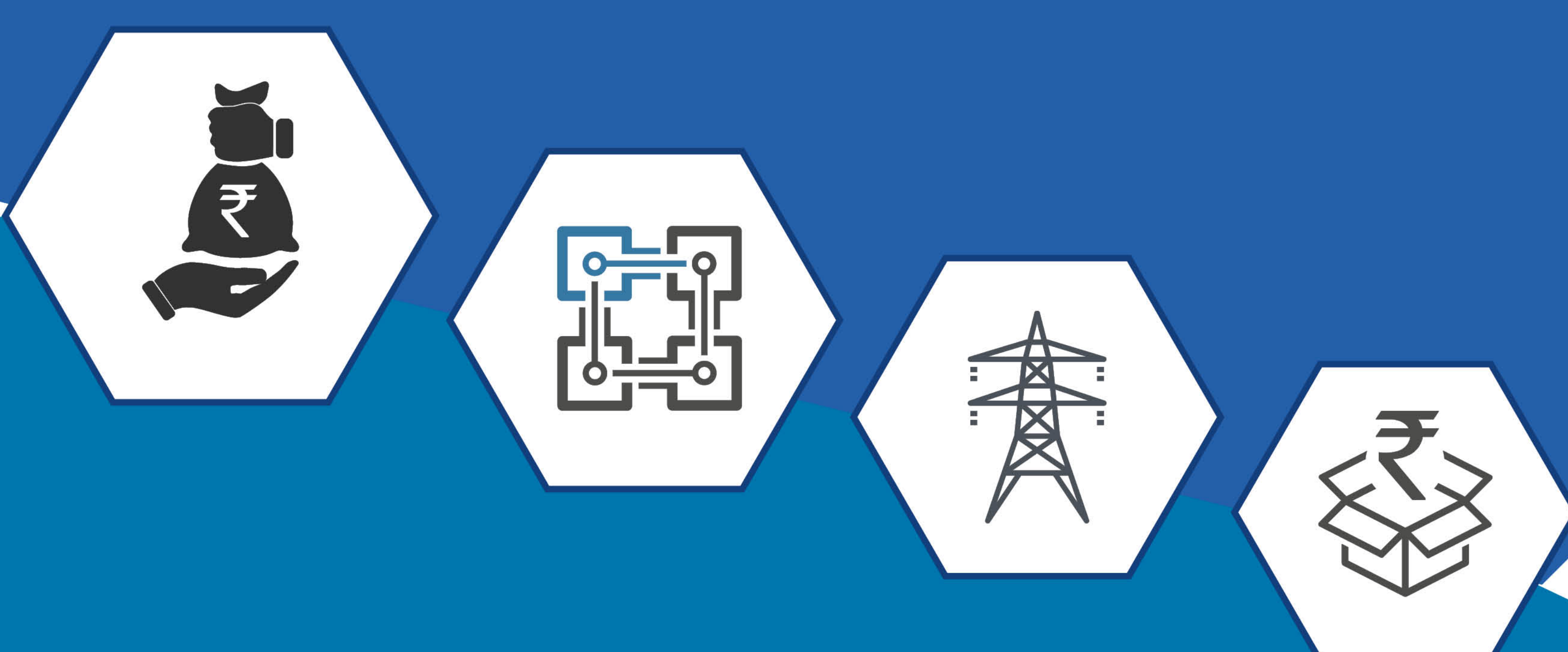


Financing Solar Rooftop using Block-chain

Objective: Reduction in perceived high risk of loan default from the consumer (lack of payment guarantee) and engaging banks to raise required debt for solar rooftop.



- Step 1:** Solar developers and consumers explore various lenders available on the application; accordingly, a suitable lender is selected. Lender then passes the application along-with the details to the distribution utility.
- Step 2:** Distribution utility undertakes a thorough due diligence process to determine project's technical, social and financial viability..
- Step 3:** After the complete evaluation of listed projects by distribution utility, the project appears with approved status in the application. Now, lender will sanction loan to the consumer/ developer to develop the project.
- Step 4:** Solar units generated are provided to the respective lender as monthly installment (EMI) against the loan account. This is facilitated by the distribution utility, thus eliminating the risk of default by the consumer/ developer who had applied for loan.

Once the complete loan is recovered through monthly installments (depending on the billing cycle), consumer starts receiving monetary benefits in terms of deduction in his/ her monthly bills.

Outcome:

Consumers can deploy solar rooftop with zero upfront cost. Moreover, consumer is benefitted in the form of deduction from his/ her electricity bill once complete loan is recovered by the respective lender.

Project work is being undertaken under US-India Collaborative For Smart DiStribution System Wlth Storage (UI-ASSIST)

