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Securitization and Energy Efficiency

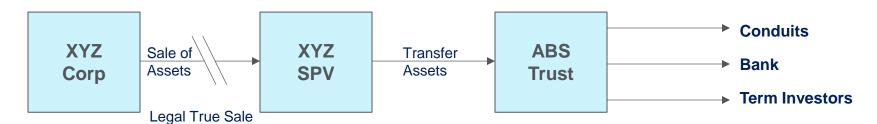
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Securitization ABC's

Legal Isolation of Assets



- Numerous criteria tests for "True Sale"
- Key tests involves:
 - No credit support from parent
 - Sole source of repayment of ABS is Assets from SPV
- Historical loan level performance data used to develop Base Case Loss Estimate for expected losses
- Base Case Losses stressed depending on rating ("BBB" at 2x)



How Do Rating Agencies Think

- Data...Data...Data
- New Asset Class
- New vs. Existing Ratings Criteria
- Unsecured risk / consumer behavior
- Granularity of performance data
- Credit strength of Originator and Servicer
- Default Risk vs. Operational Risk
- Asset performance volatility
- ABS experience of Issuers / Servicers
- Existing trades to assess expected vs. actual losses
- Depth of performance data equal to life of loans



Benefits of Securitization

- Cost of Capital
- Bank Lenders → Institutional Investors
- Scalability



Energy Efficiency Financing Solutions

PROPERTY TYPE / SECTOR

PRODUCT/SOLUTION	MUSH	S.F. Residential	Commercial	Corporate/Industrial
Large Single Project	Yes	N/A	Difficult	Yes
Pooled Asset Deal	Yes Green Campus	Yes WHEEL / Others	Difficult HPET	Yes Hybrids
ESCO/ESA/Two Factor Credit	Yes	N/A	Difficult	Yes Citi London
Sustainable Energy Utility (SEU)	Yes Delaware	N/A	N/A	N/A
PACE	N/A	Yes - On hold	Yes	Yes
On-Bill Repayment (OBR)	Yes	Yes	Yes	Yes
Microfinance w/Carbon Credit	N/A	Yes Mongolia	Yes	N/A



OBR – Potential Game Changer

- Convert Loan Level Data to Utility Commodity Charge Receivable Performance Data
- Pari Passu
- Disclosure / Due Diligence with IOU's
- IOU Contract Roll-up
 - Via Master Servicer
- Broadly Definition for Eligible Contracts
 - Loans & Leases
 - PPA's
 - ESA's
 - Other



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Citi works with its clients in greenhouse gas intensive industries to evaluate emerging risks from climate change and, where appropriate, to mitigate those risks.

efficiency, renewable energy and mitigation

