

Energy Saving Financing JCM Implementation



Sept 11, 2018



Principle of Energy Saving Financing

Energy Saving Financing – Key Points



Clear objective of investment



Strengthen borrower's long term cash flow

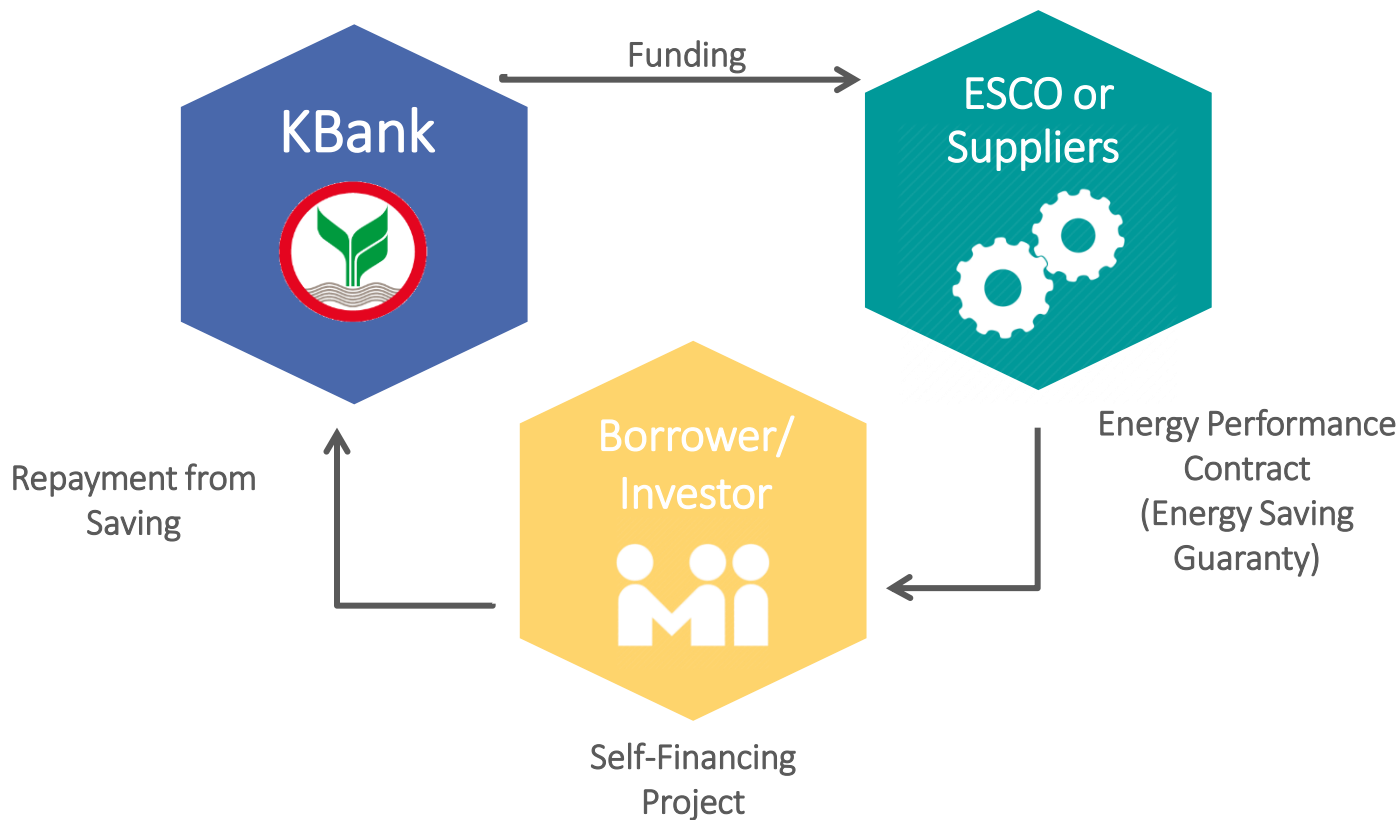


Self financing source of repayment

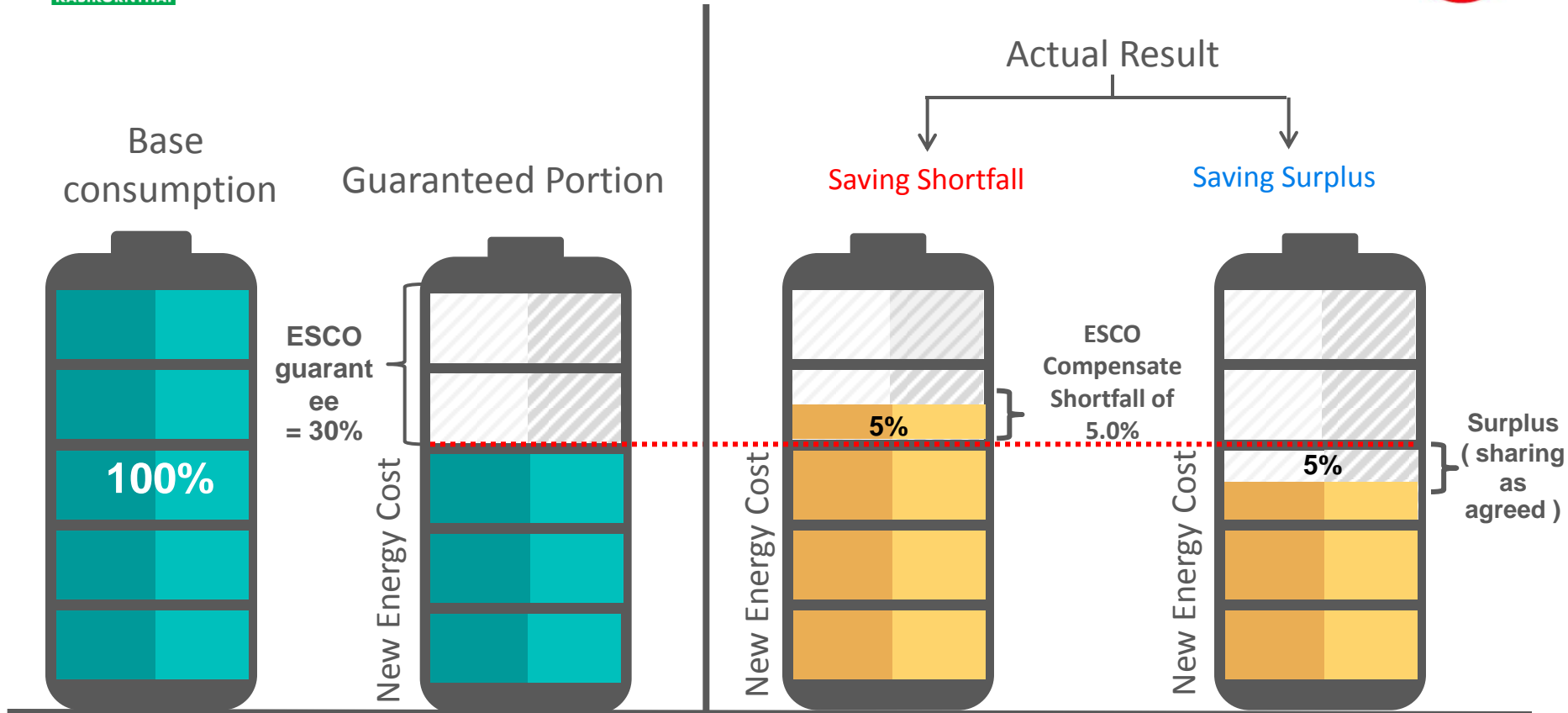


Enhance borrower's competitiveness

Energy Efficiency Financing Model (1/2)

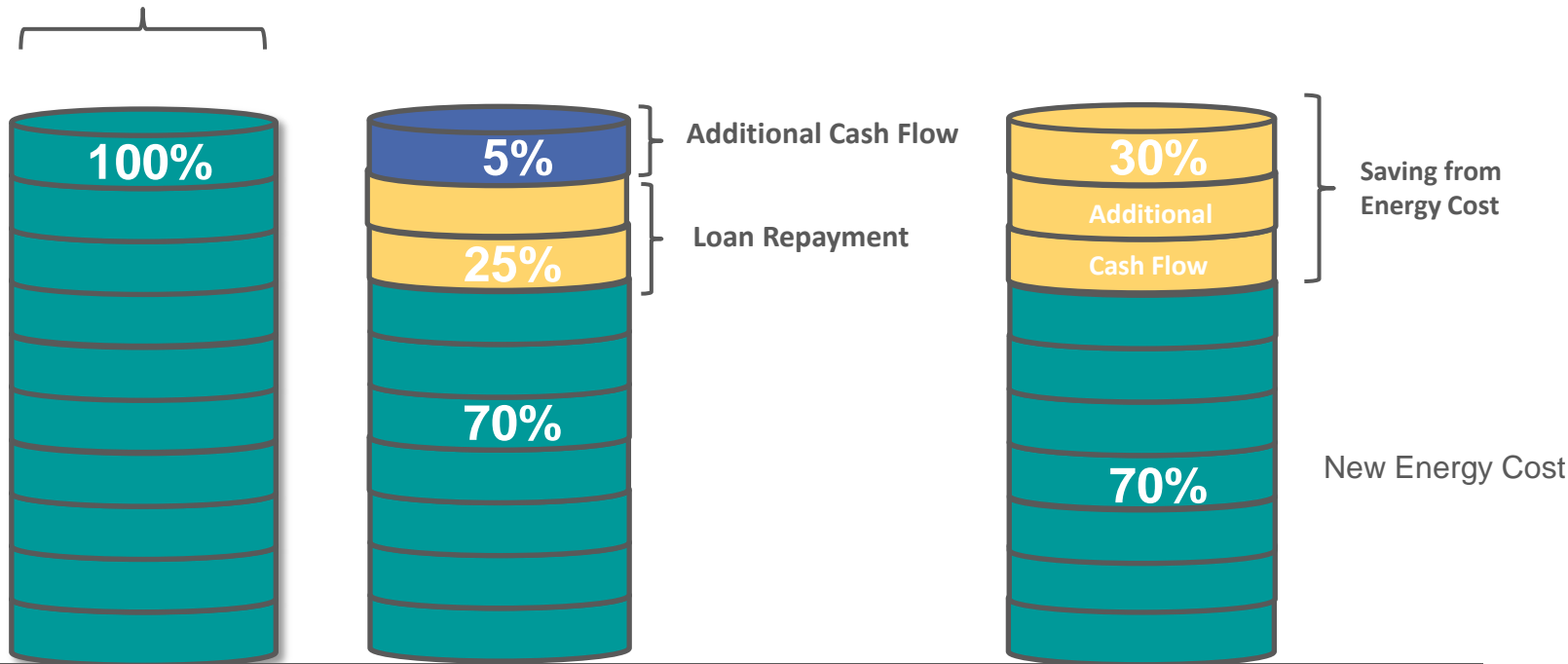


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Cash Flow Profile (Pre and Post Project)

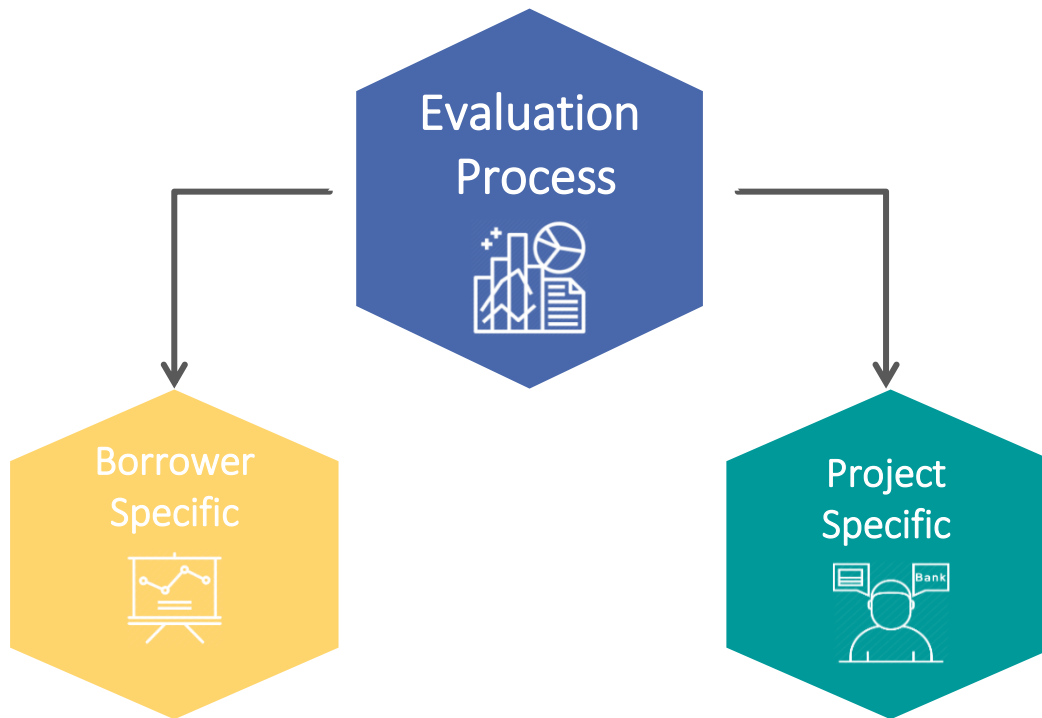
Base Energy Cost



← Year 1 – Year 5 → ≥5 Year onward →

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EE Financing Project Evaluation

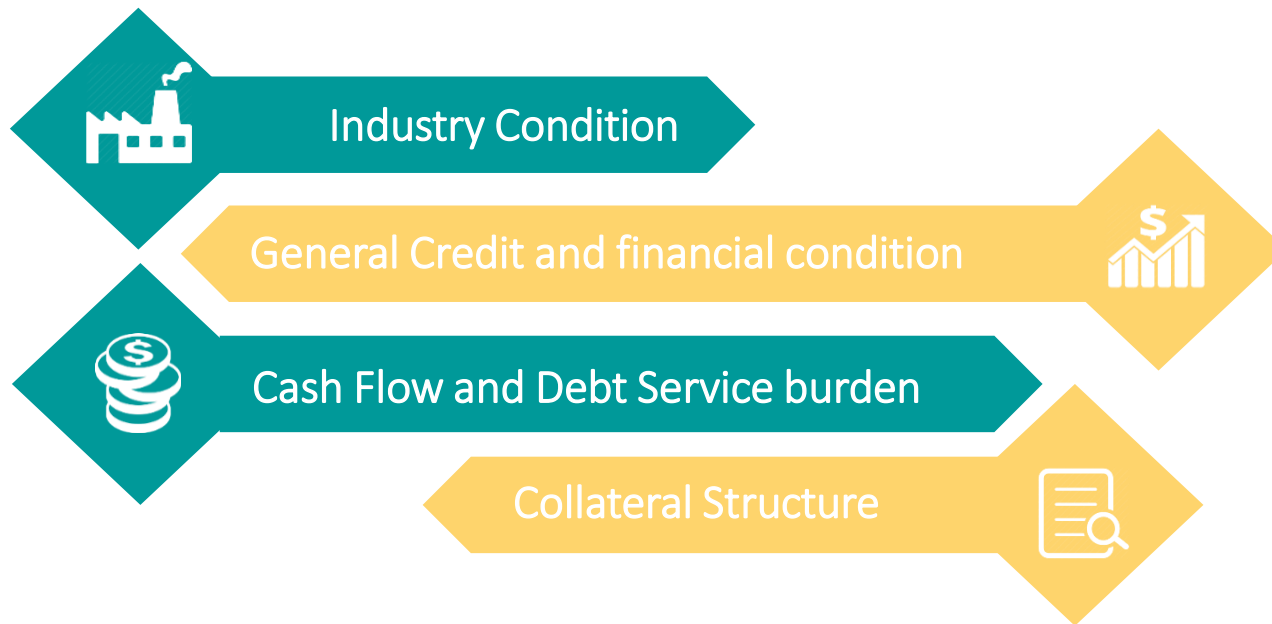


Project Specific Evaluation



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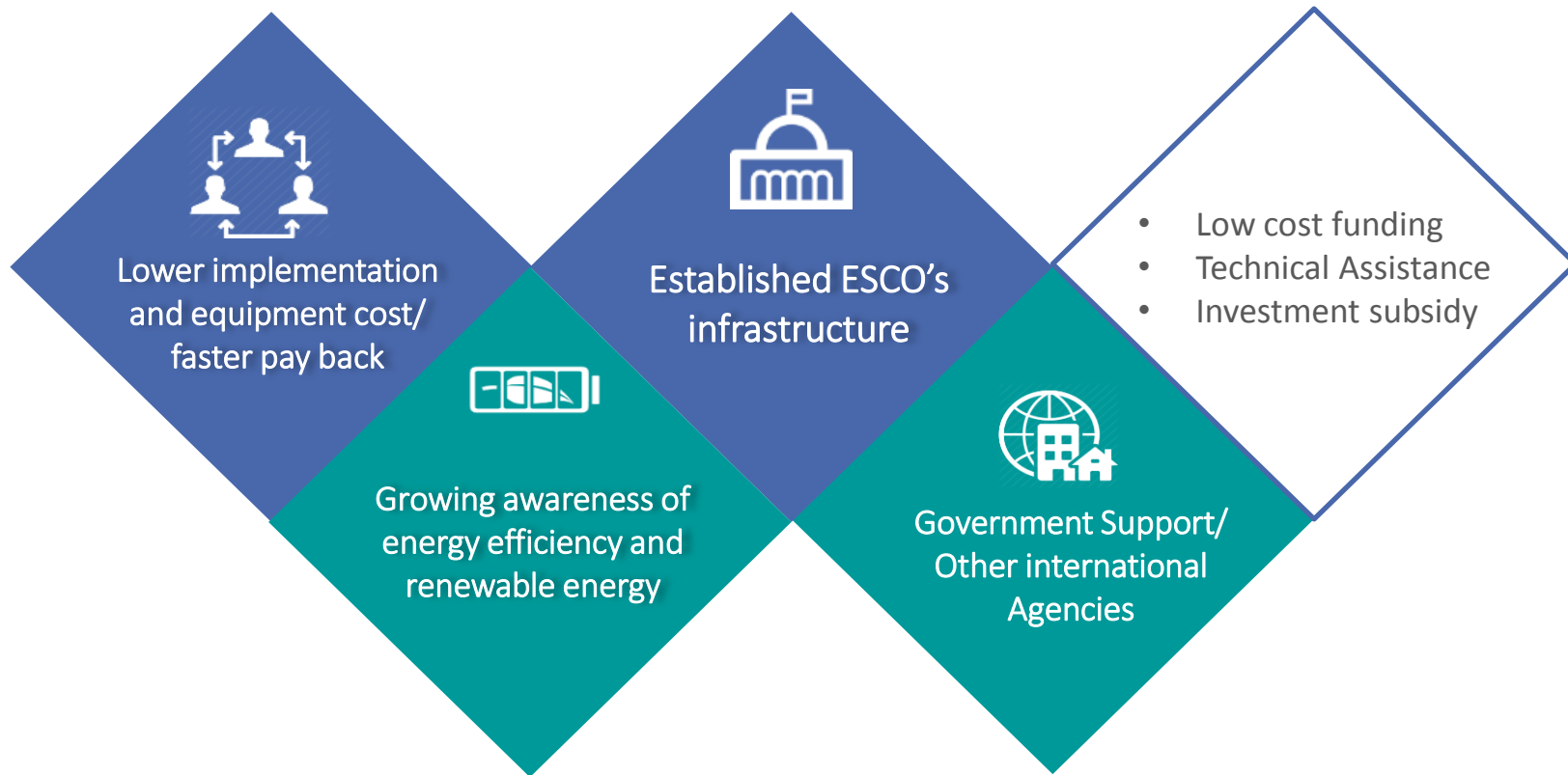
Borrower Specific Evaluation





Opportunities and Challenges

Opportunities of EE Financing



Challenges of EE Financing



Deal acquisition



Low energy price environment



End-user confidence and understanding



Business priority/disruption



Size of investment



Some EE measures has become commodity

Project Evaluation



Qualification of ESCO/Supplier



Nature of assets related to project



Understanding of Technical aspects



Deal size and cost of due diligence



Collateral structure issue



Special Financing Package

Energy Revolving Fund



Cooperation with DeDe in the form
of soft loan through 8 Banks



Financing Condition



Interest rate at 3.5% p.a.
(fixed)



Up to 5 years term loan

50฿

Up to THB 50 million
/project



Up to 7 years
Project pay back

General Condition



Cover any type of building
(Industrial/Commercial)



Equipment change/Productivity
Improvement/Renewable Energy
(self consumption)



Project Prescreening by
DeDe



No restriction on
ESCO/Supplier

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Energy Saving Project Examples



Factory Retrofit



Solar Rooftop



Lighting (LED)



Building Retrofit



Production Improvement

KBank Contact Person



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