

Project FinEERGo-Dom

World Sustainable Energy Days 2023
Attitudes, Expectations, Possibilities
To
BOOST EPC+

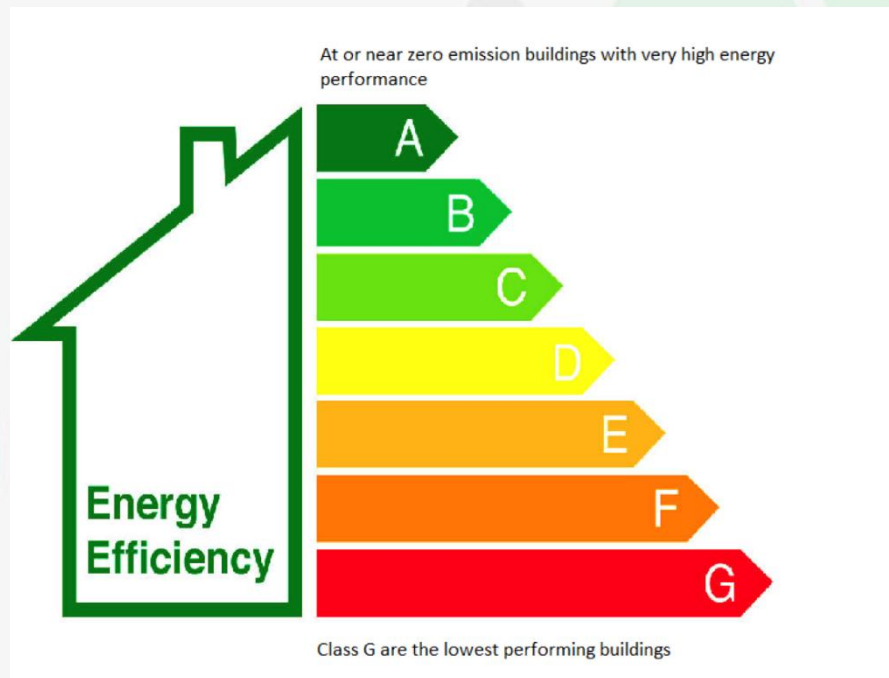


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Introduction

- The EE1ST PRINCIPLE: Energy efficiency is crucial for sustainable energy policy and climate change mitigation.
- Energy Service Companies (ESCOs) can help by providing turnkey services and solutions.
- ESCOs assume performance risks, compensation is linked to project performance, incentivizing LT savings-oriented solutions.

What is EPC?



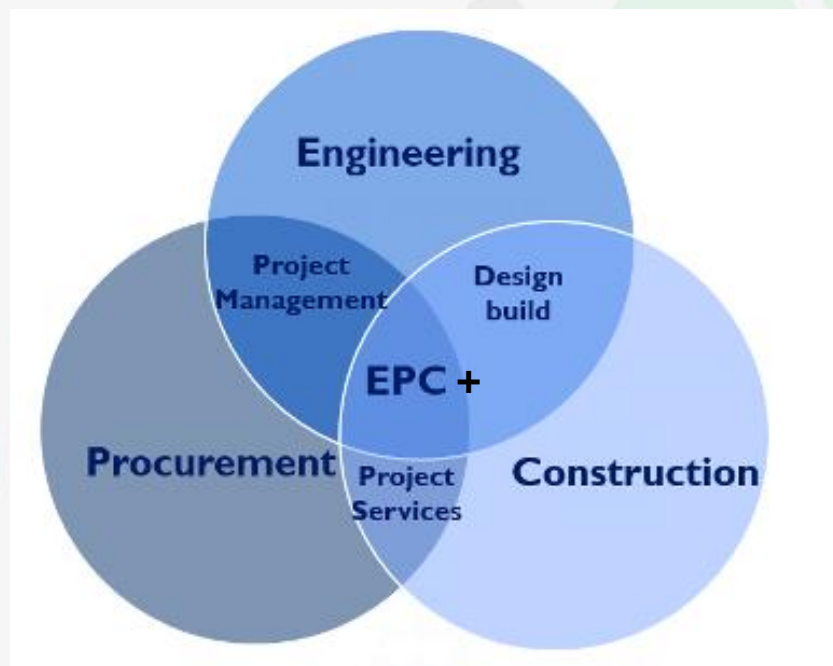
- Energy performance contracts are contractual arrangements between EPC clients and EPC providers.
- The EPC provider invests in energy efficiency measures and guarantees energy savings over the contract's duration.

Comprehensive Energy Efficiency Refurbishment EPC+



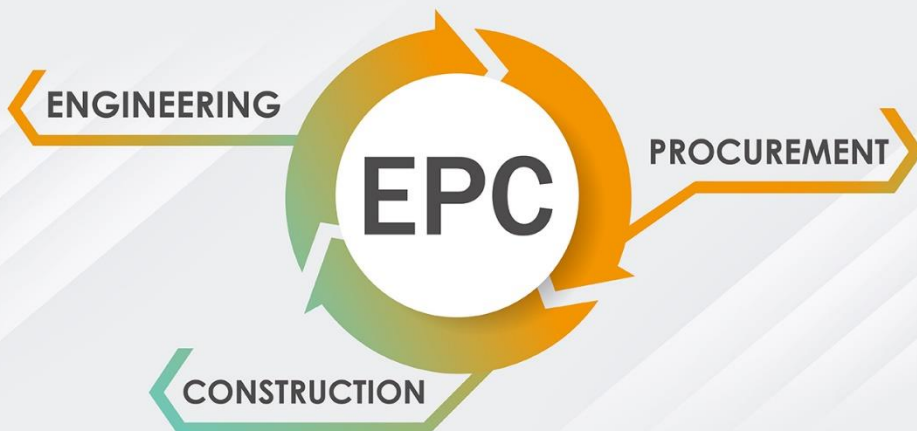
- Comprehensive EPC arrangements can generate savings above 40%.
- These arrangements have a longer repayment period, above 8 years.

Key Features of EPC+



- Energy performance contracts pluss offer solutions where investments are financed directly from saved costs.
- Contractual payments from the EPC+ client to the EPC+ provider are based on predefined outcomes.
- The EPC+ provider takes over the energy performance risks and maintains the building
- The EPC+ provider is free to continue enhancing the energy efficiency of the building during the contract under a Savings sharing agreement

How EPC+ Works?



- EPC+ providers undertake their own measurements during the tender period.
- Winning EPC+ provider signs an EPC+ with the EPC+ client and a financing arrangement with the lender.

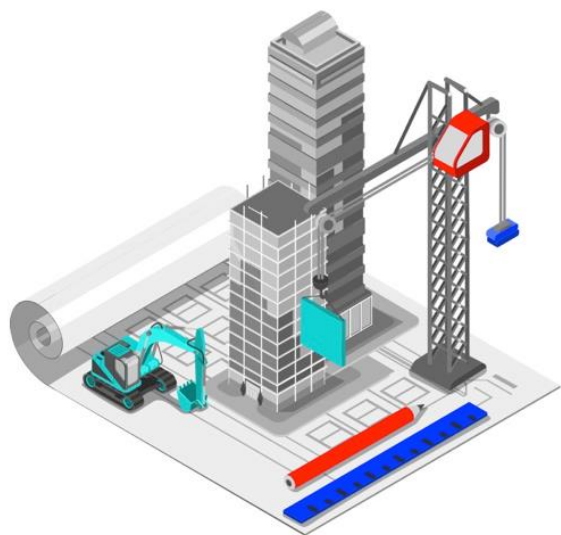


Business Model of EPC+



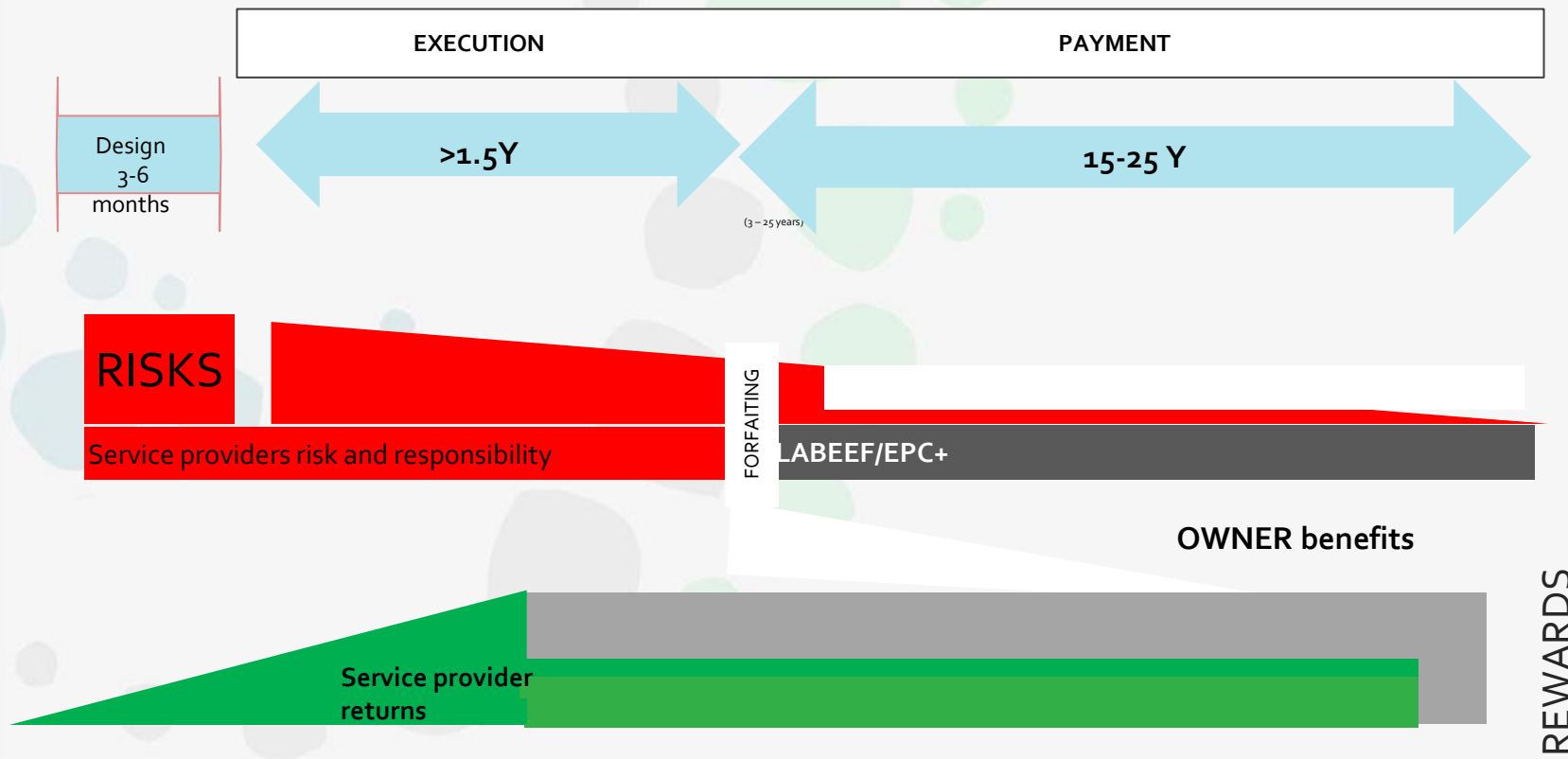
- Forfeiting cash payment is made to the EPC+ provider.
- Monthly payments of the receivables pay back the EPC+ CAPEX.
- Savings are used to pay for the project.

Timeline of an EPC+ Project



- Project initiation and assessment of energy performance needs
- Development of energy efficiency measures and investment plan
- Implementation of measures and monitoring of energy savings
- Maintenance and performance management for 20-30 years

Secure a Sustainable Future with EPC+ - Enhance Performance, Safety, Health, and Comfort Standards for Decades



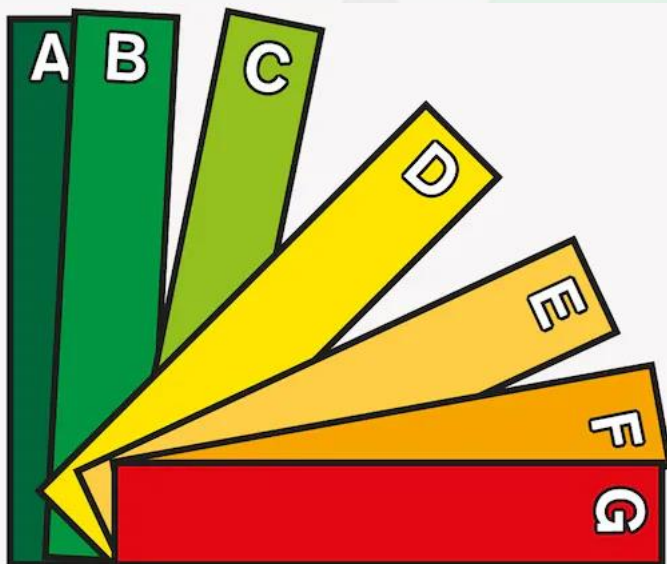
- EPC+ is a service that aims to enhance performance, safety, health, and comfort standards for citizens for a period of 20-30 years.

Energy Efficiency is Invisible



- Lack of awareness and understanding of energy efficiency by consumers
- Importance of energy efficiency for reducing carbon emissions and saving money
- Challenges in measuring and quantifying energy efficiency improvements

Lack of Strong Government Policies



- Importance of government policies in driving energy efficiency improvements
- Examples of successful government policies in other countries: Netherlands
- Barriers to implementing strong government policies, including political opposition and lack of funding

Financial and Scalability Challenges for Companies



- Importance of corporate action in driving energy efficiency improvements
- Financial challenges faced by companies in implementing energy efficiency measures
- Scalability challenges faced by small and medium-sized companies
- Potential solutions to address these challenges, including government incentives and public-private partnerships

Transparency



- Increase information for citizens to make energy efficiency visible.
- Solutions should be transparent, and citizens should be aware of their impact on the environment.

EPC+ under the hood: EES



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Profitability



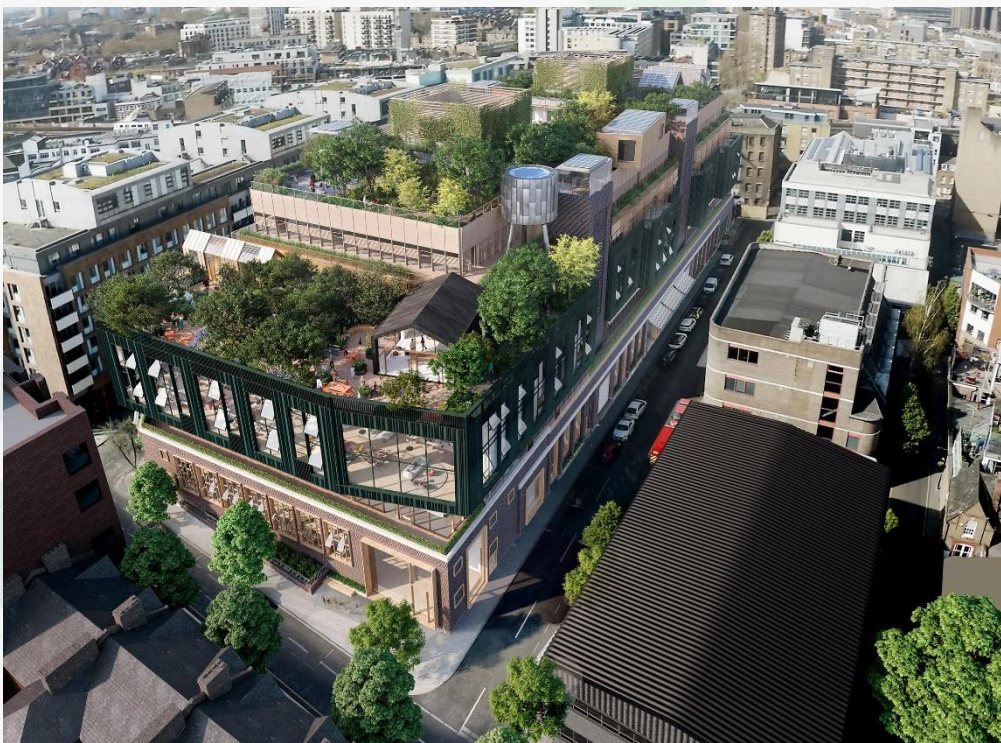
- Increasing profitability for companies means having scalability and financial resources.
- Energy performance contracting can help finance energy efficiency measures.

Government involvement



- Governments must commit to stronger policies and regulations.
- Innovative financing mechanisms, such as BEEF foster real investments with long term guaranteed results,
- Support with loan guarantees for private capital, greater SME capacity building is critical

Conclusion



- Energy performance contracting can unlock energy efficiency potential.
- Governments, citizens, and companies can all contribute to creating a sustainable future.
- FINEERgO-Dom EPC+!

Partners



Thank you

EE1ST PRINCIPLE- The KhW not spent is the best KhW



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