Output 4 approach and methodology

Vietnam - Denmark Energy Partnership Program (DEPP III)

Rahul Raju Dusa, Special Advisor, DEA

Danish Energy Agency

Program support and goals

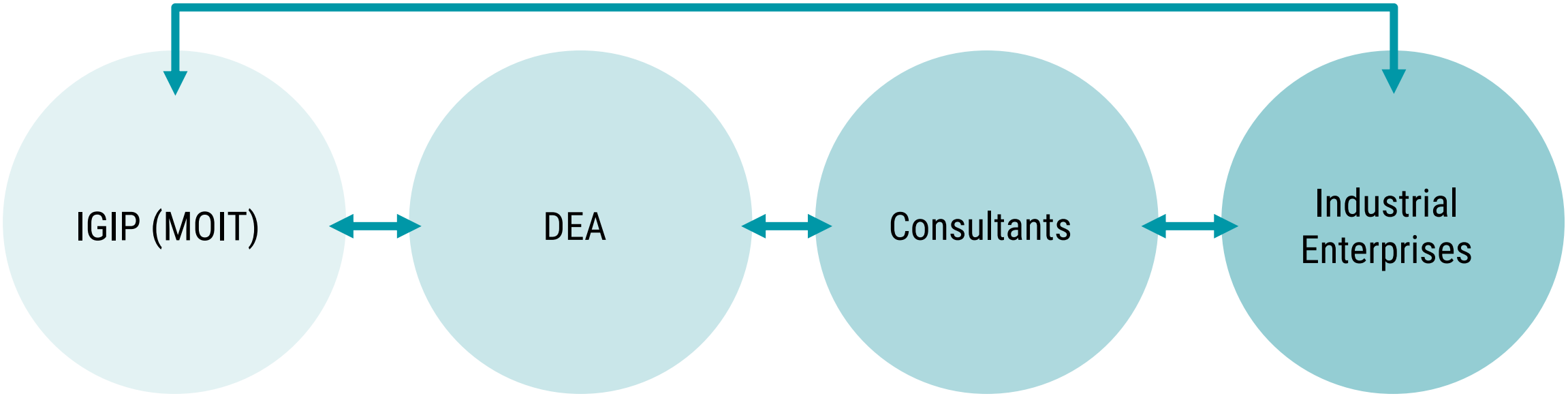
- Energy audits / PFS / FS
- On the job training for EACs.
- Capacity building Workshops

Developing bankable EE projects

+

Establishing Centre of Excellence.

Collaboration in Motion: DE3 Output 4 Workflow

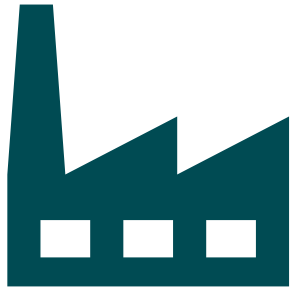


- International consultant
- Local coordinator
- Energy auditing companies

Let us understand through numbers !

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Industries and sectors



24

Industrial Enterprises

engaged from

15

Industrial Sectors

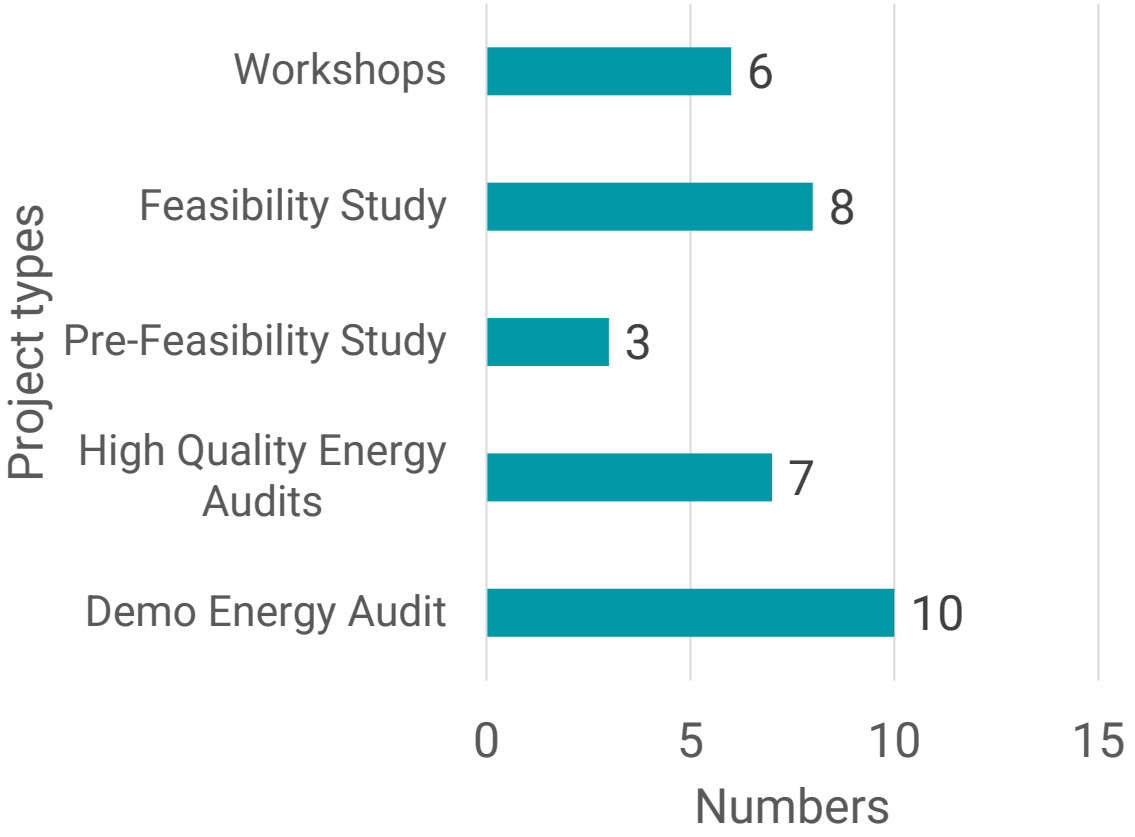
Industries and sectors

Industries engaged per sector



Capacity building - Project types





150+

stakeholders

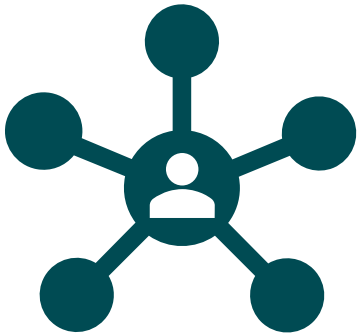
trained comprising

55 Energy auditors

+

95 Industry staff

Capacity building for & by Local work force



10

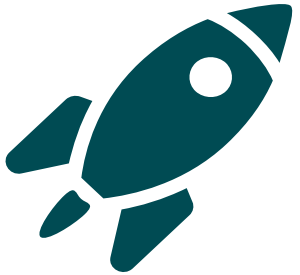
Local Companies

9 Energy Auditing companies

+

1 Local coordinator

Capacity building via International support



Danish Energy Agency

VIEGAND MAAGØE

14

International experts

support via

10,000+ contact hours

+

15 technical missions

Capacity building via technical materials



- Energy audit guidelines
- Energy mapping guidelines
- Sector guidelines
- Pre FS & FS guidelines
- Project development guideline
- Loan application guideline
- Technology catalogue & guidelines (Boilers, cooling, ventilation, heat recovery, wood drying)

22

Catalogues & guidelines

&

3 training recorded videos

Results… that matter !

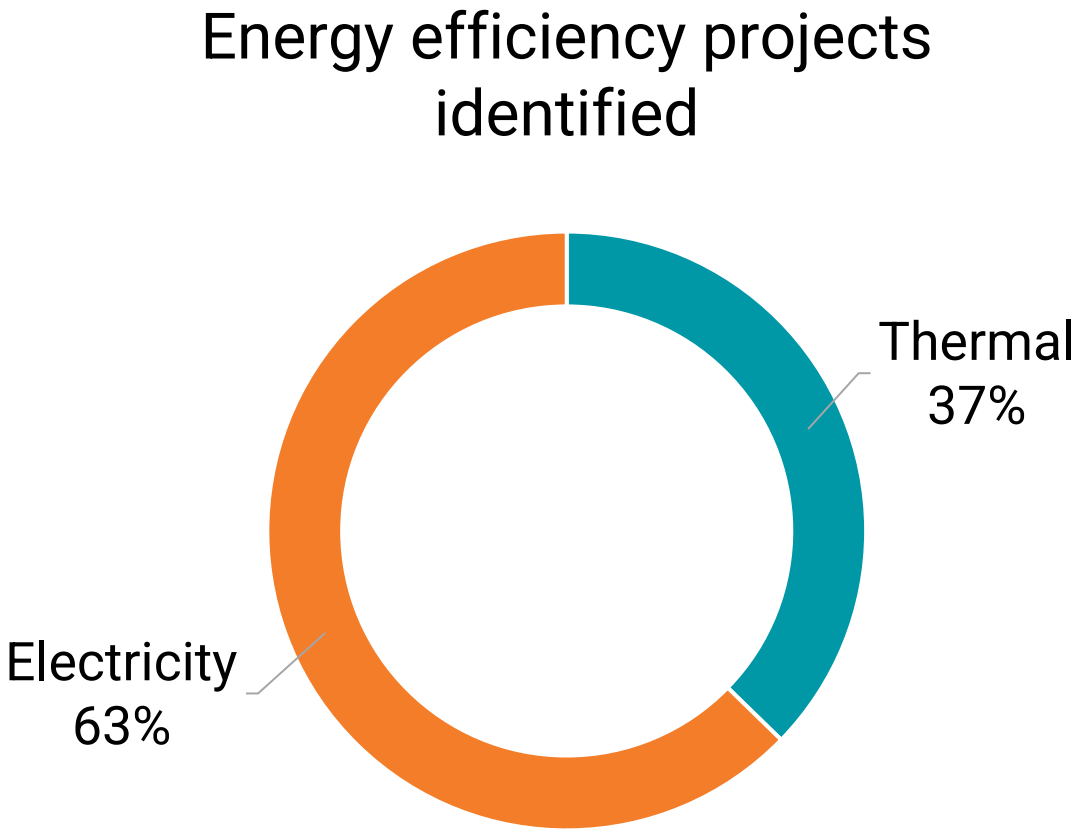
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Disclaimer

The following figures on energy savings, CO_2 reduction potential, investments, cost savings, and payback periods are derived directly from the energy audit reports submitted by the respective Energy Auditing Companies (EACs) under the DEPP III program. These values are based on the data collected, assessed, and verified by the EACs using their professional expertise and judgment.

The Danish Energy Agency (DEA) assumes that all data presented is the sole responsibility of the EACs. DEA is not liable for any inaccuracies or misrepresentations in the reported figures. DEA will however continue to do quality checks to factually validate these findings.

No. of EE projects

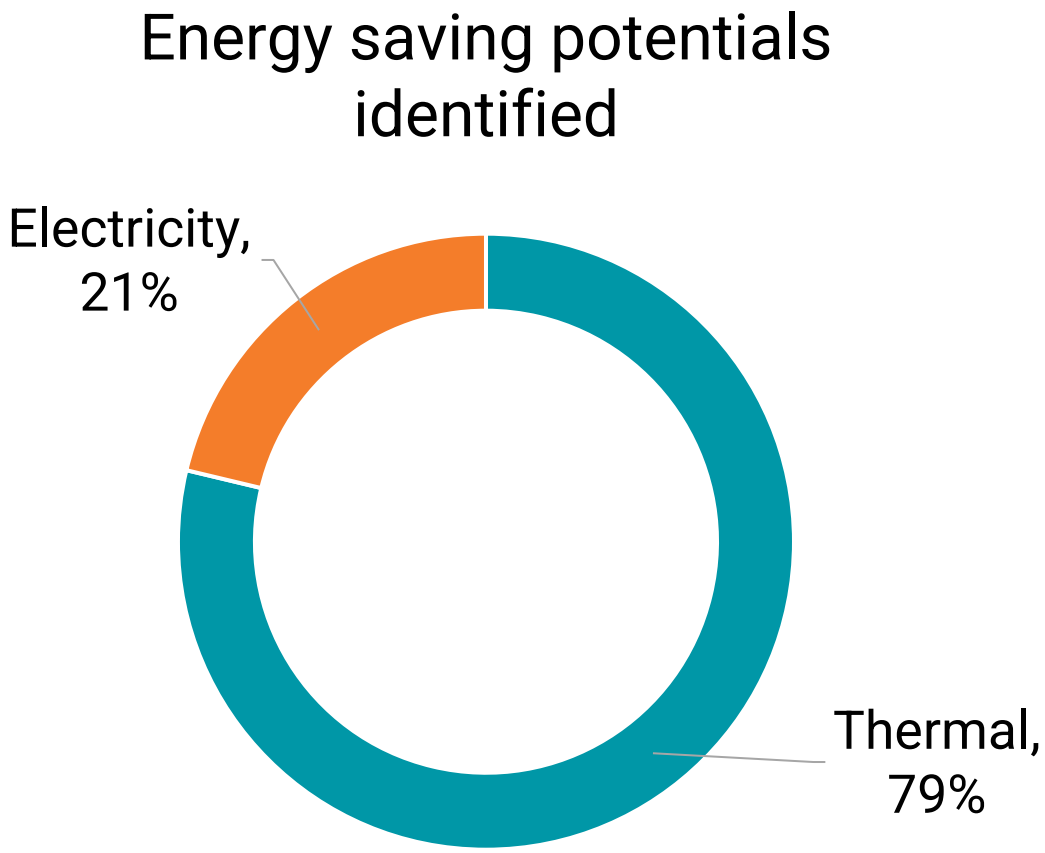


119

Energy efficiency projects

Identified (as on Aug 2025)

Energy savings

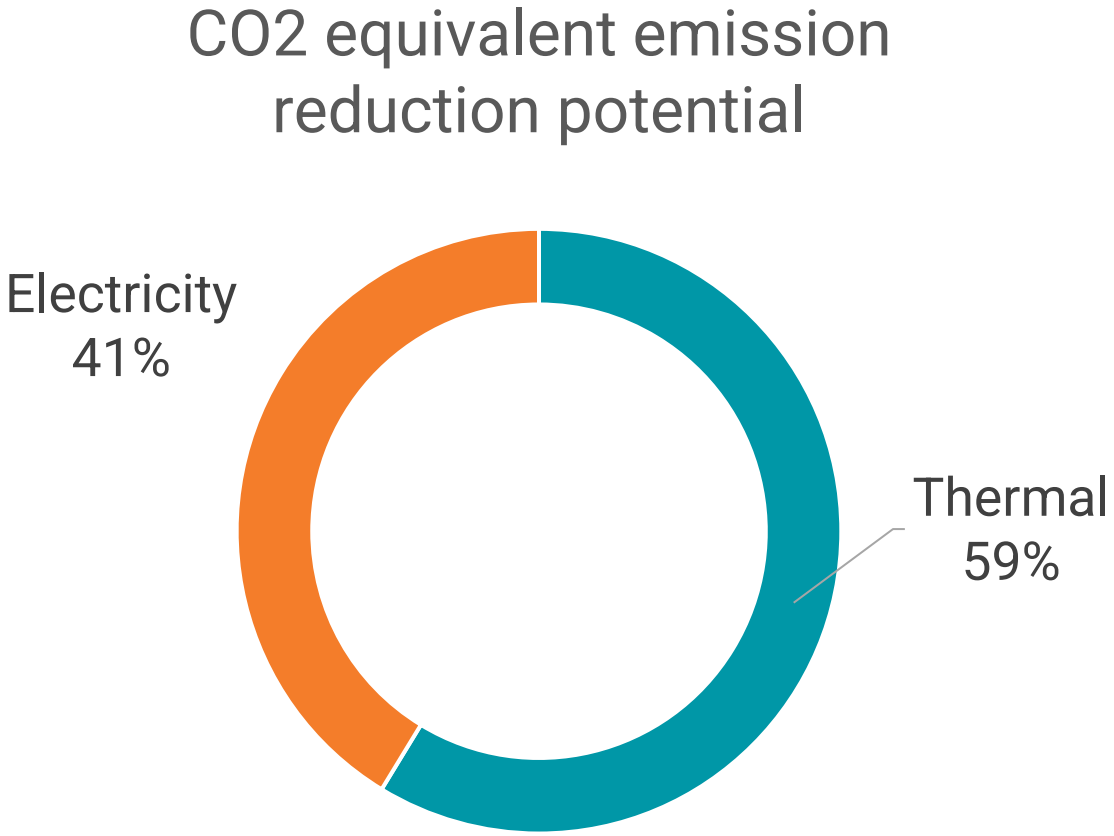


…with

197.4 GWh/year

Energy saving potential

CO2 emission reduction

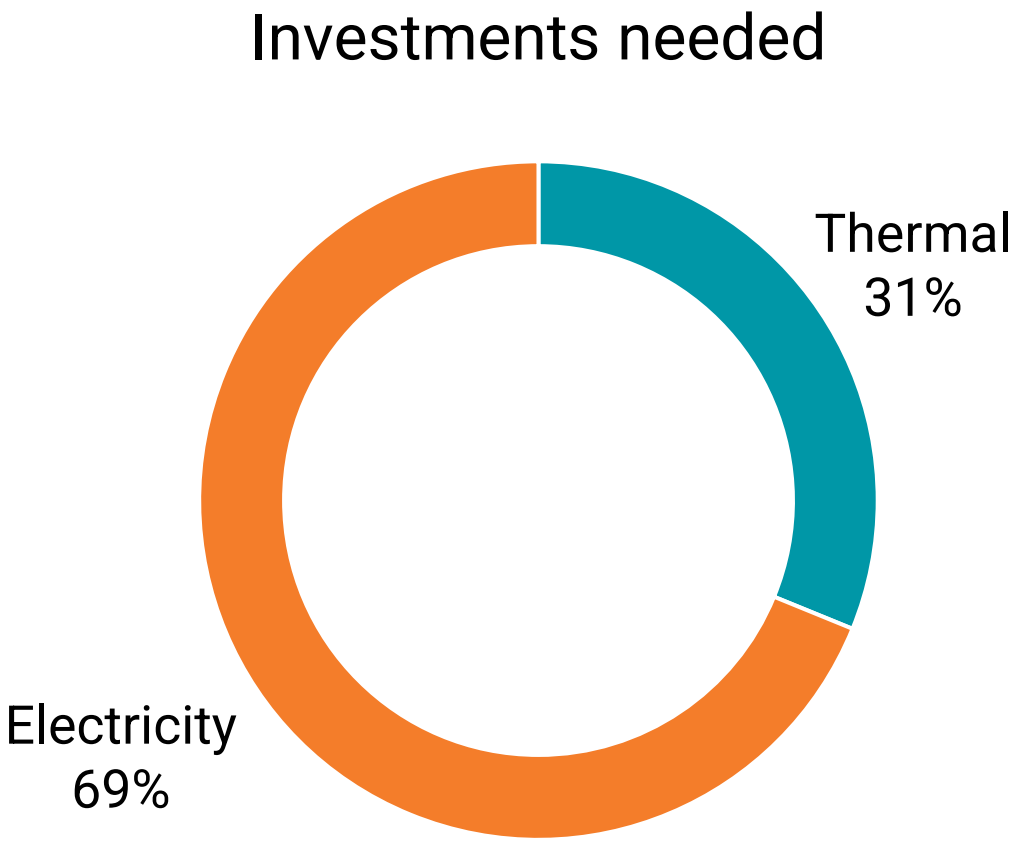


…resulting in

77913 tons/year

CO_2 equivalent emission reduction potential

Investments needed



Implementing these measures need

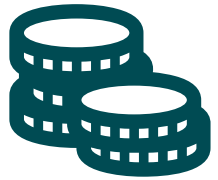
19 mn. USD

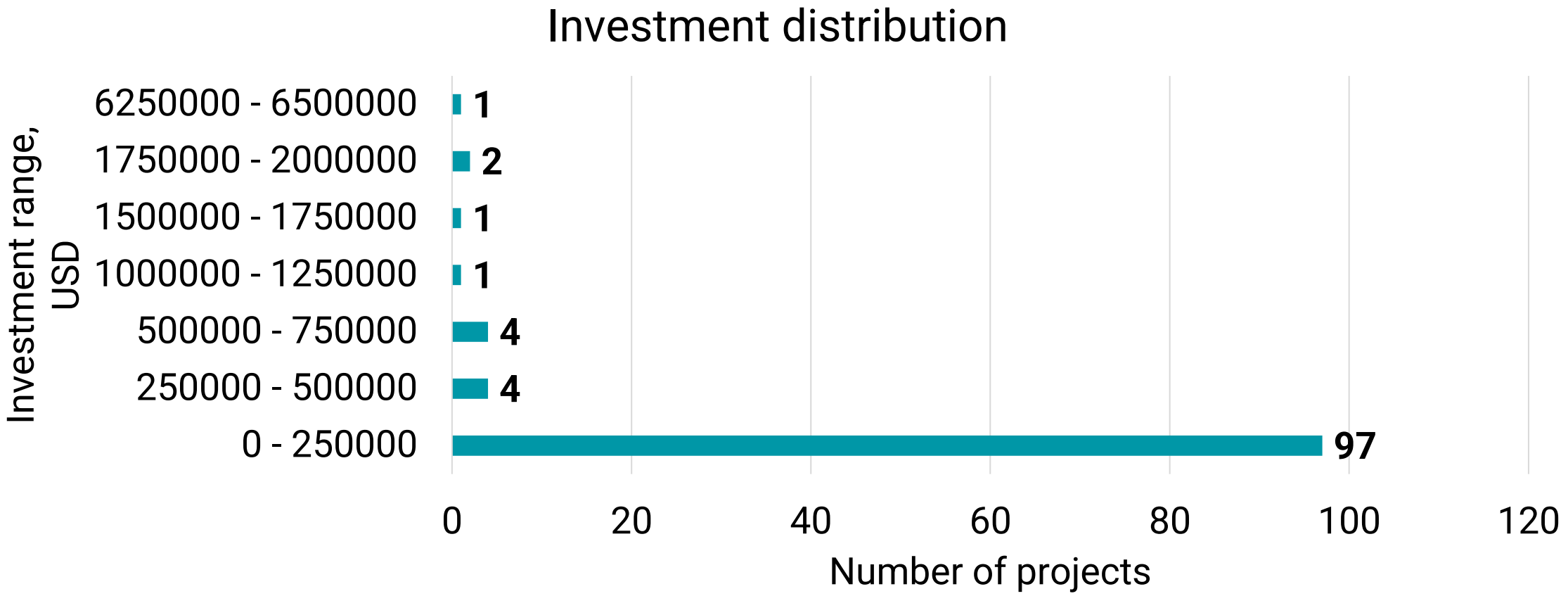
Investments

with

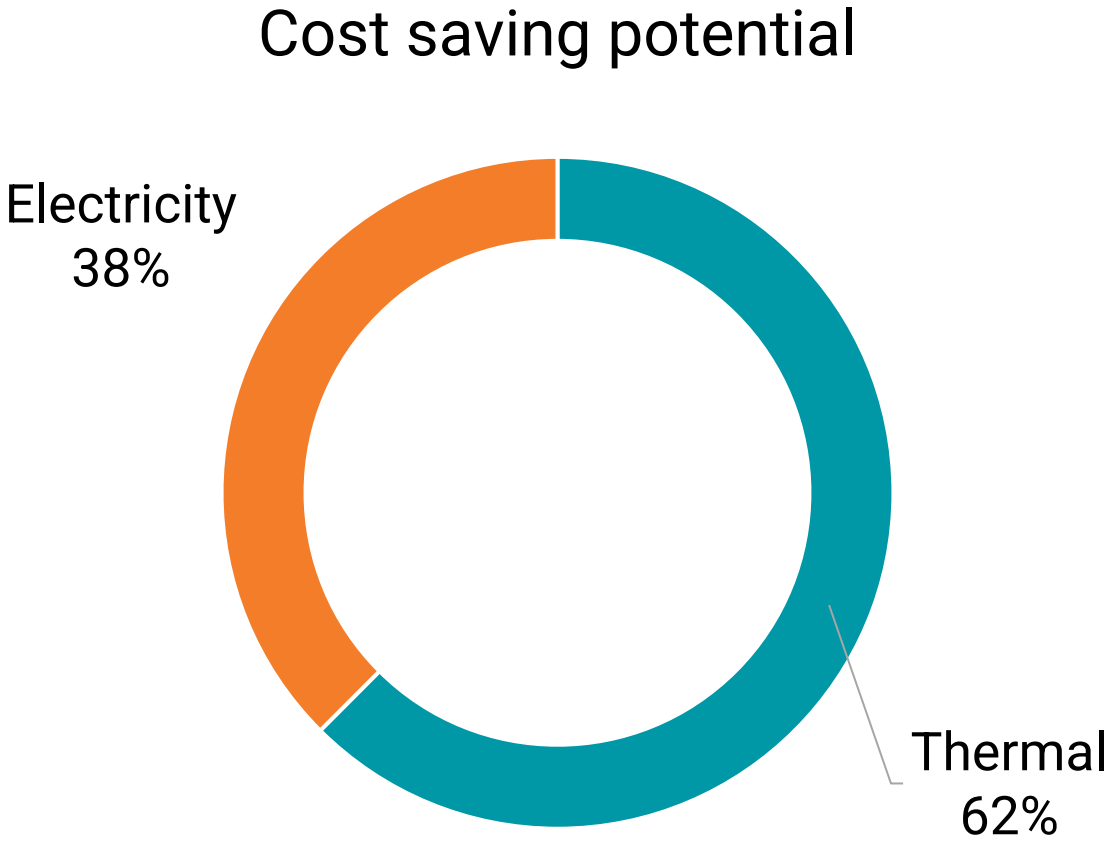
82% of projects under **250,000 USD investment**

Investments needed





Energy costs saved

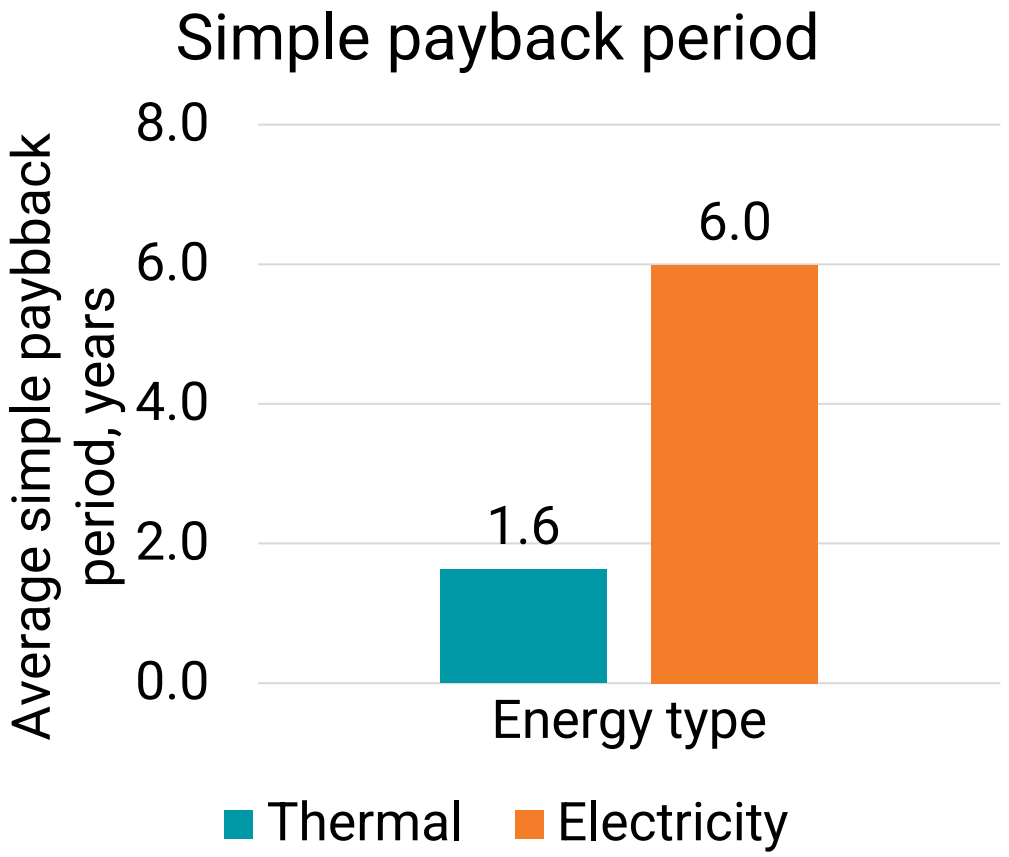


…to achieve

6 mn. USD / year

equivalent **Cost saving potential.**

Financial feasiblity

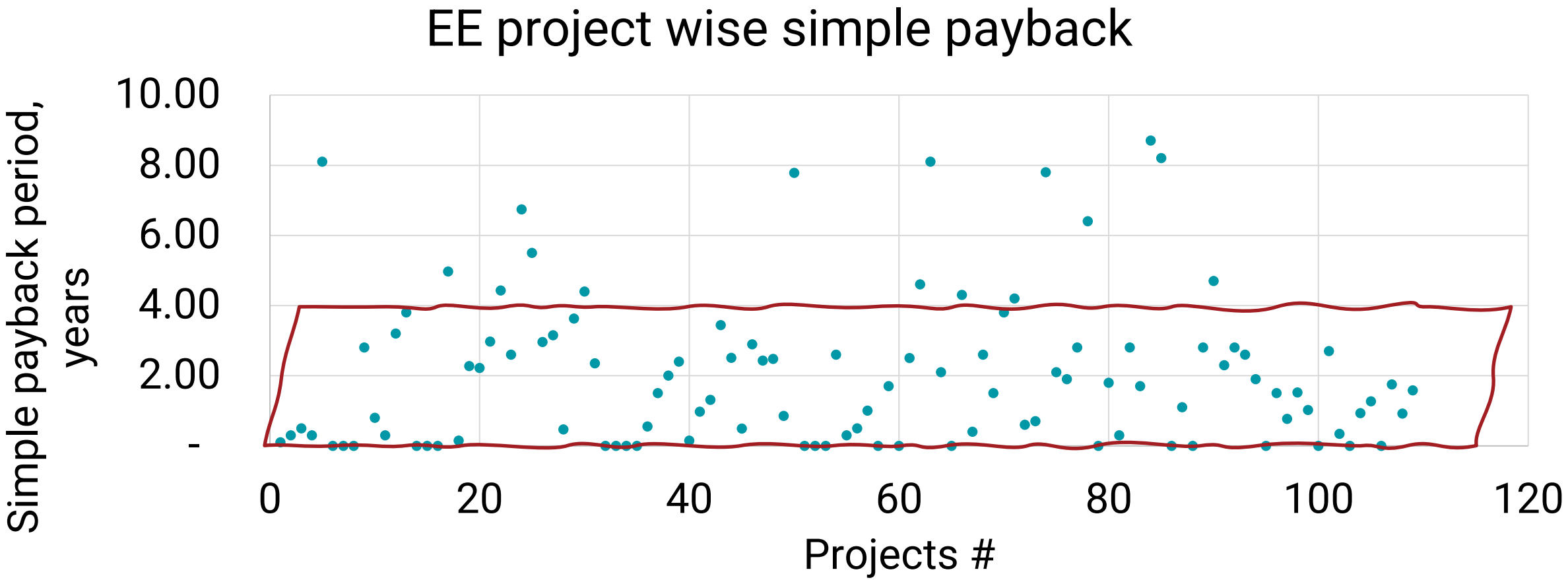


Indicating project feasibility with an

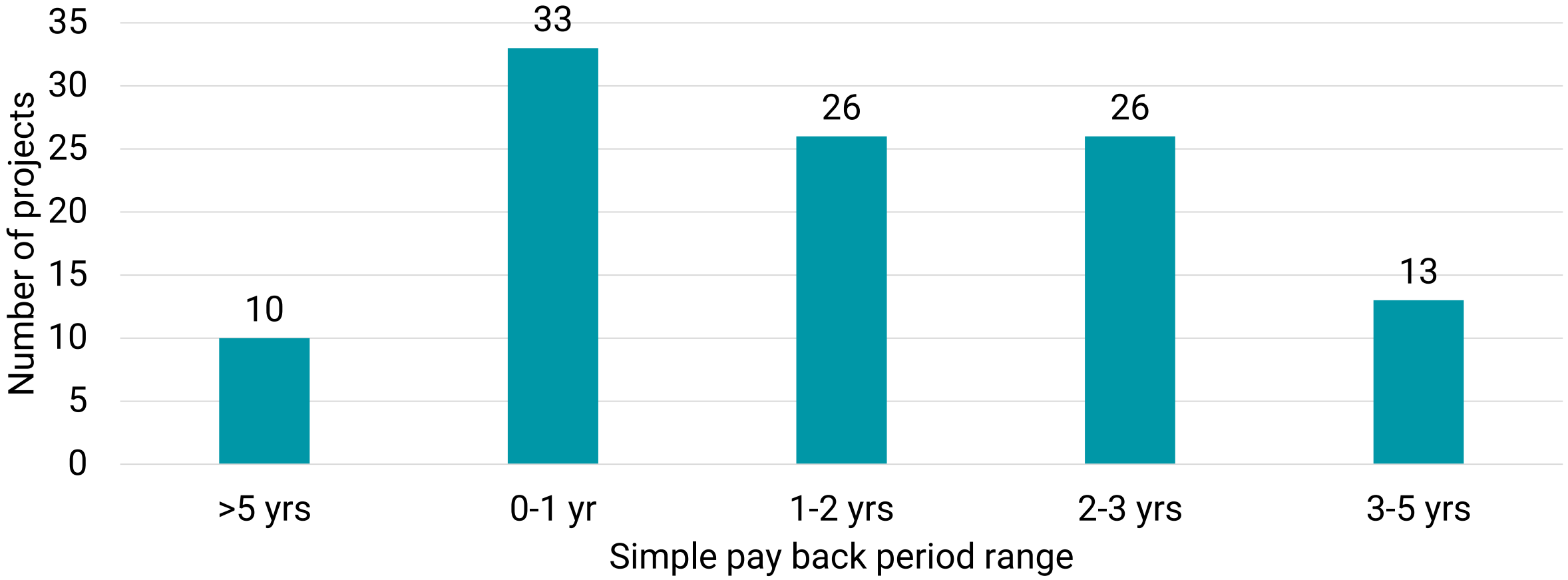
Average Payback period of

3.2 years only

Financial feasiblity



Financial feasiblity



Questions

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Thank you

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