Danish Energy Agency

Approach and Results - EE Project Development under DEPP3

Vietnam - Denmark Energy Partnership Program (DEPP III)

21/04/2026

Rahul Raju Dusa, Special Advisor, DEA

Program support and goals

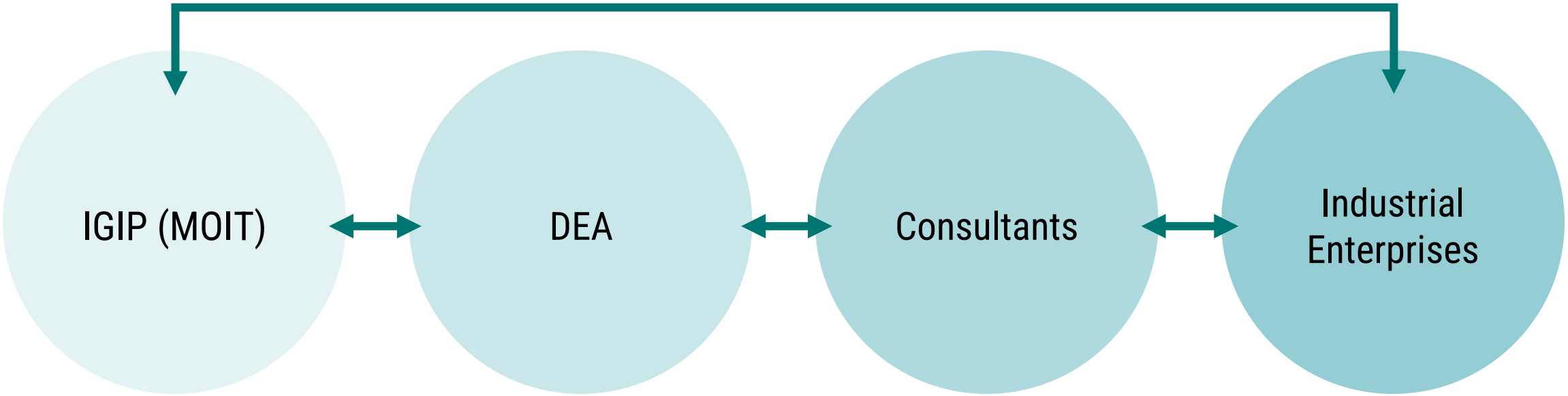
- Energy audits / PFS / FS
- On the job training for EACs.
- Capacity building Workshops

Developing bankable EE projects

+

Establishing Centre of Excellence.

Collaboration in Motion: DE3 Output 4 Workflow

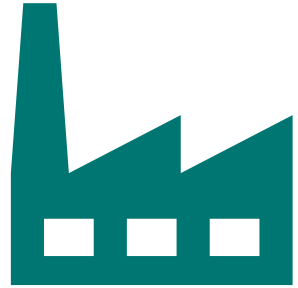


- International consultant
- Local coordinator
- Energy auditing companies

Let us understand through numbers !



Industries and sectors



21

Industrial Enterprises

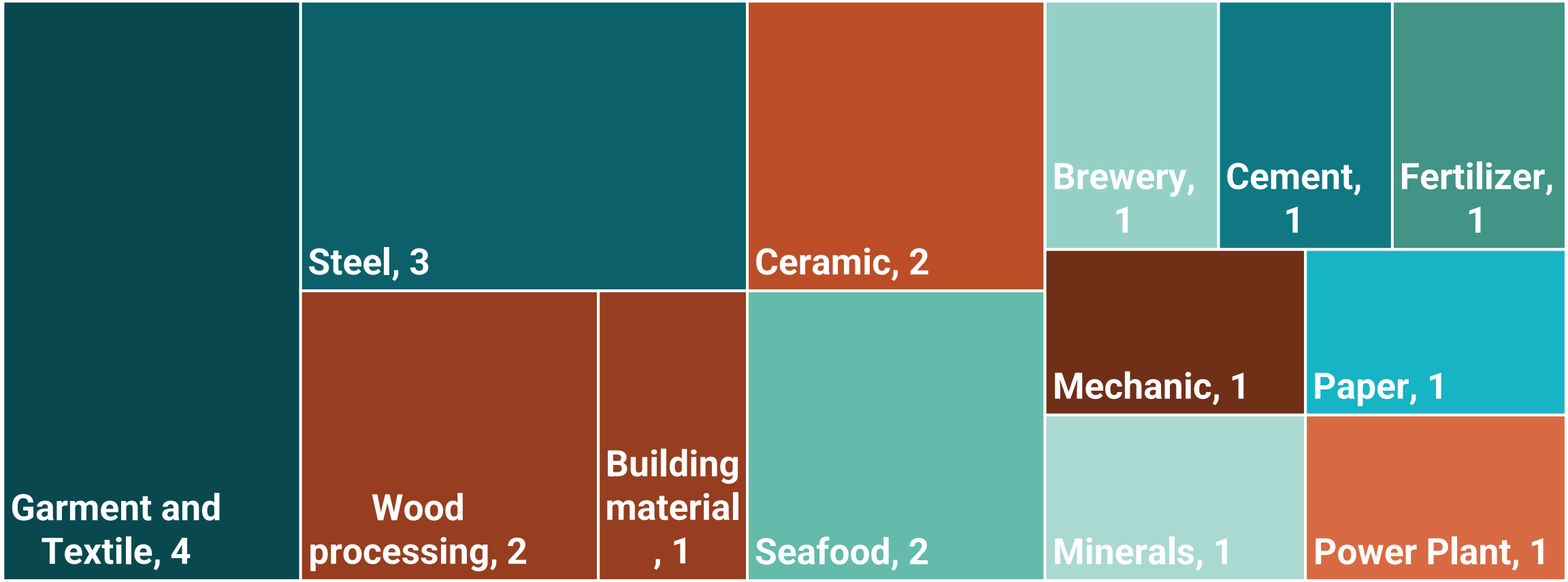
engaged from

13

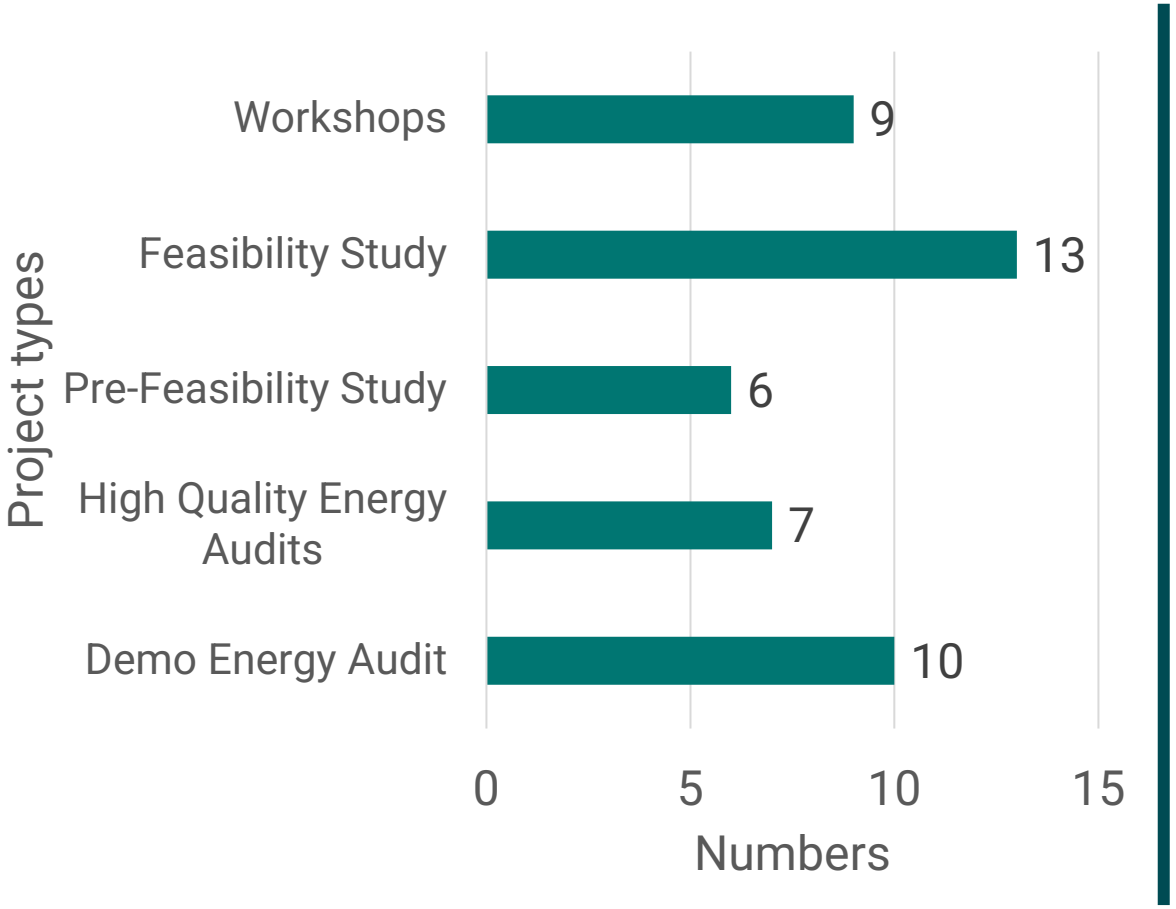
Industrial Sectors

Industries and sectors

Industrial enterprises distribution across industrial sectors



Capacity building - Project types



270+ stakeholders

trained comprising

60 Energy auditors

+

210 Industry staff

Capacity building for & by Local work force



10

Local companies

Capacity building via International support

Danish Energy Agency

VIEGAND MAAGØE

14

International experts

Support via

15,000+ contact hours

+

17 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 and guidelines

+

4 Training recorded videos

Results…that matter !

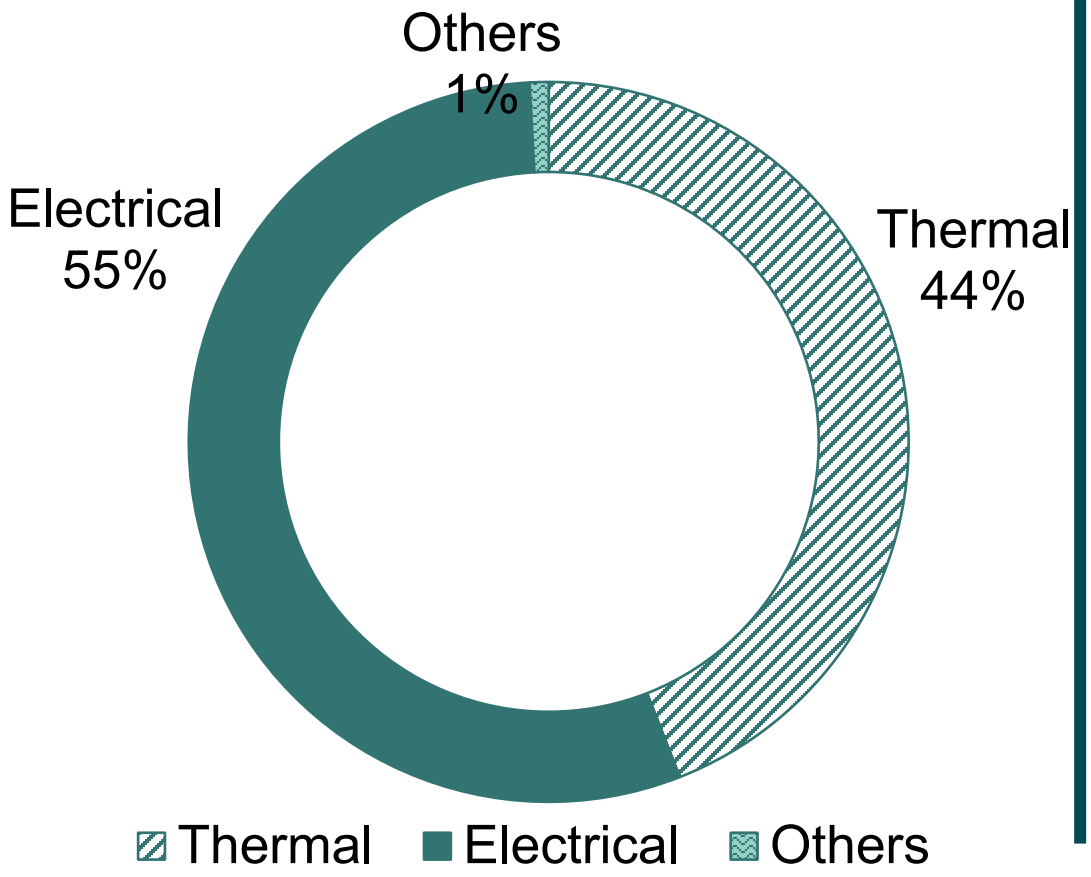


Disclaimer

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 Energy Efficiency projects identified



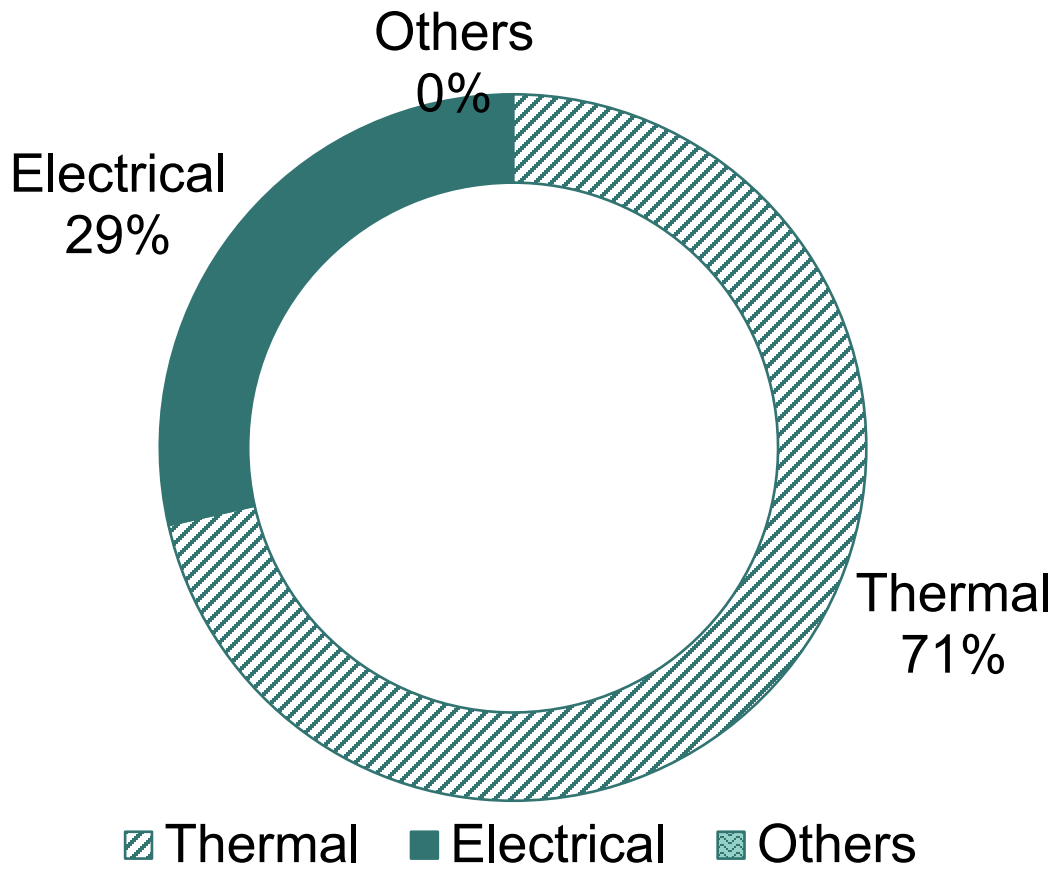
236

Energy Efficiency projects identified

+

Several implemented / planned to implement

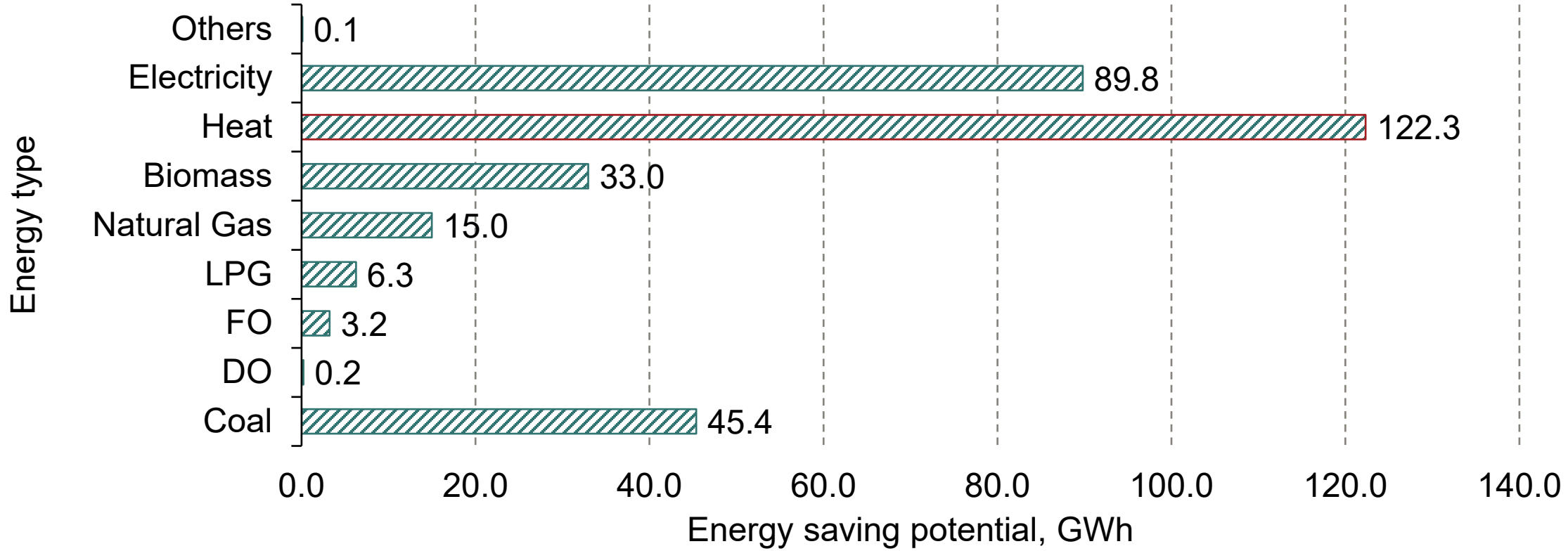
Energy savings



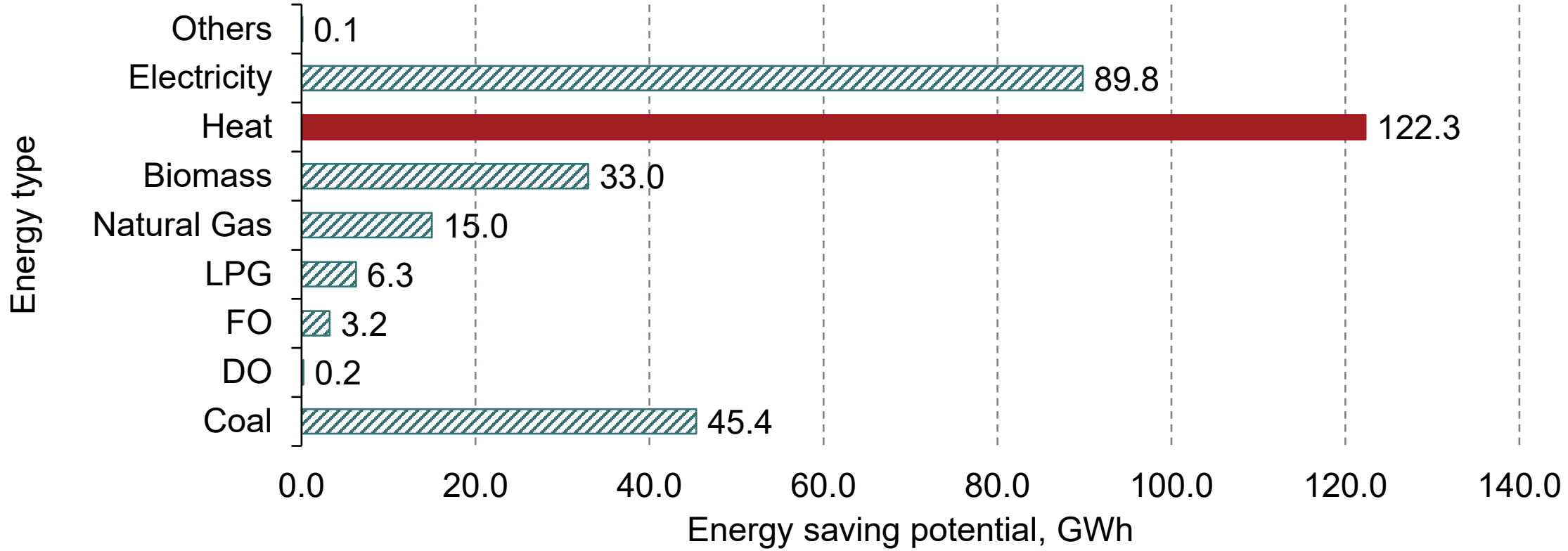
315.1 GWh

Total **energy saving potential** identified

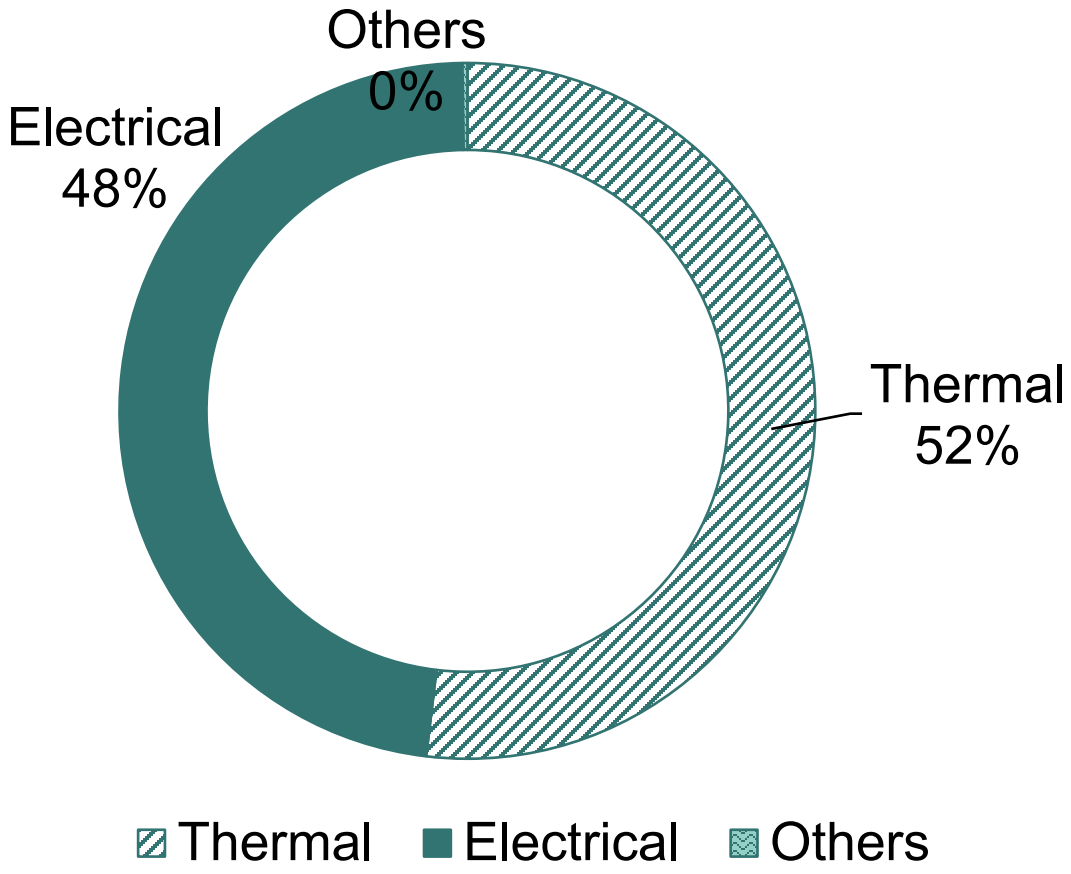
Energy savings



Energy savings



CO_2 emission reduction

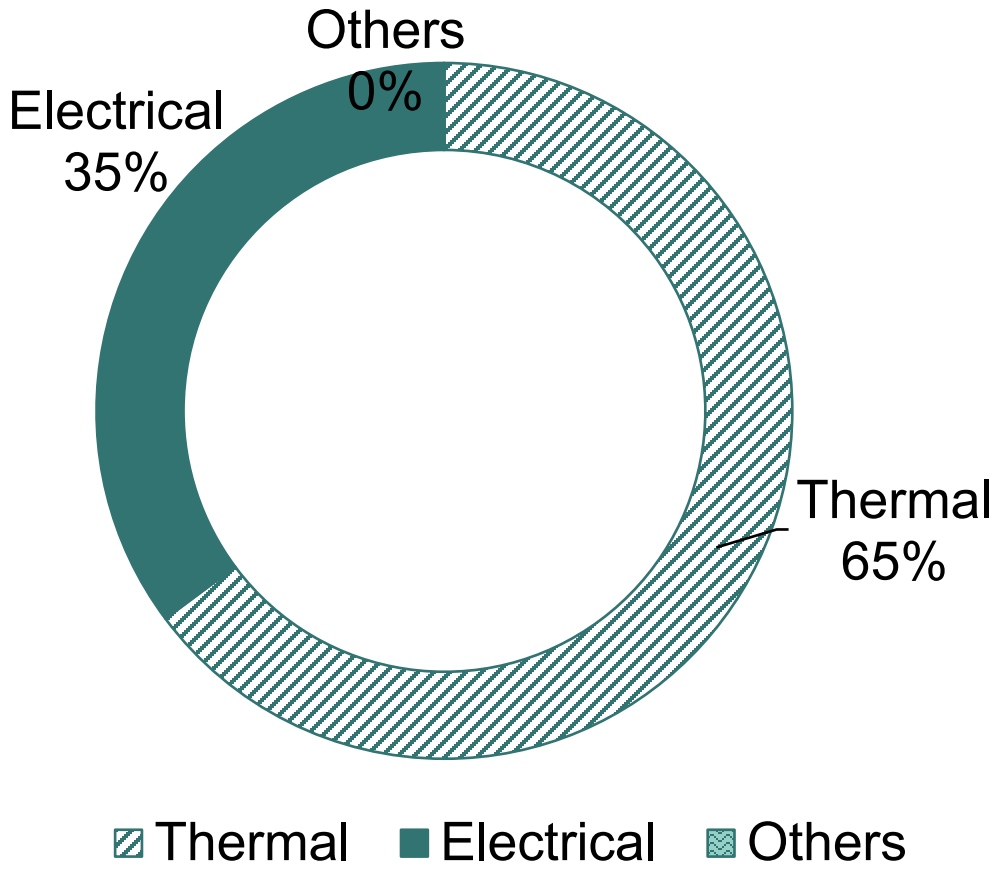


…resulting in

134,651.4 tons/year

CO_2 equivalent emission reduction potential

Investments needed



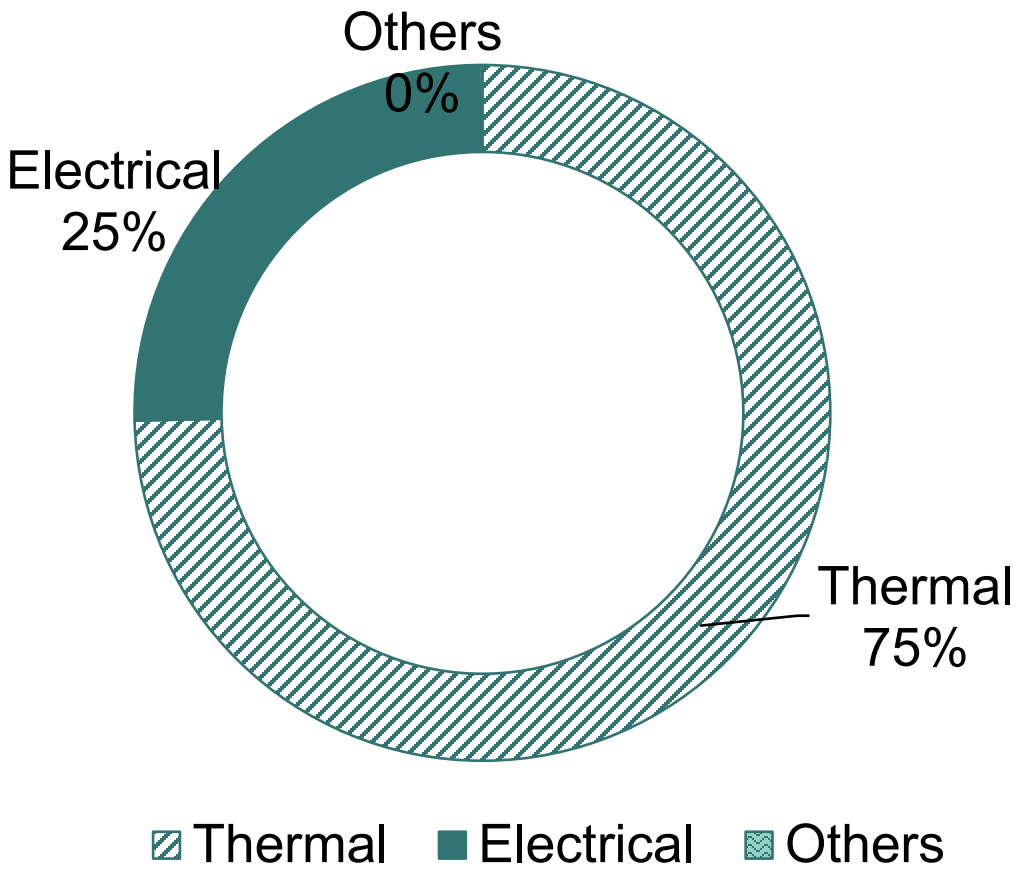
Implementing these measures need

19 mn. USD Investments

with

73% of projects under **250,000 USD** investment

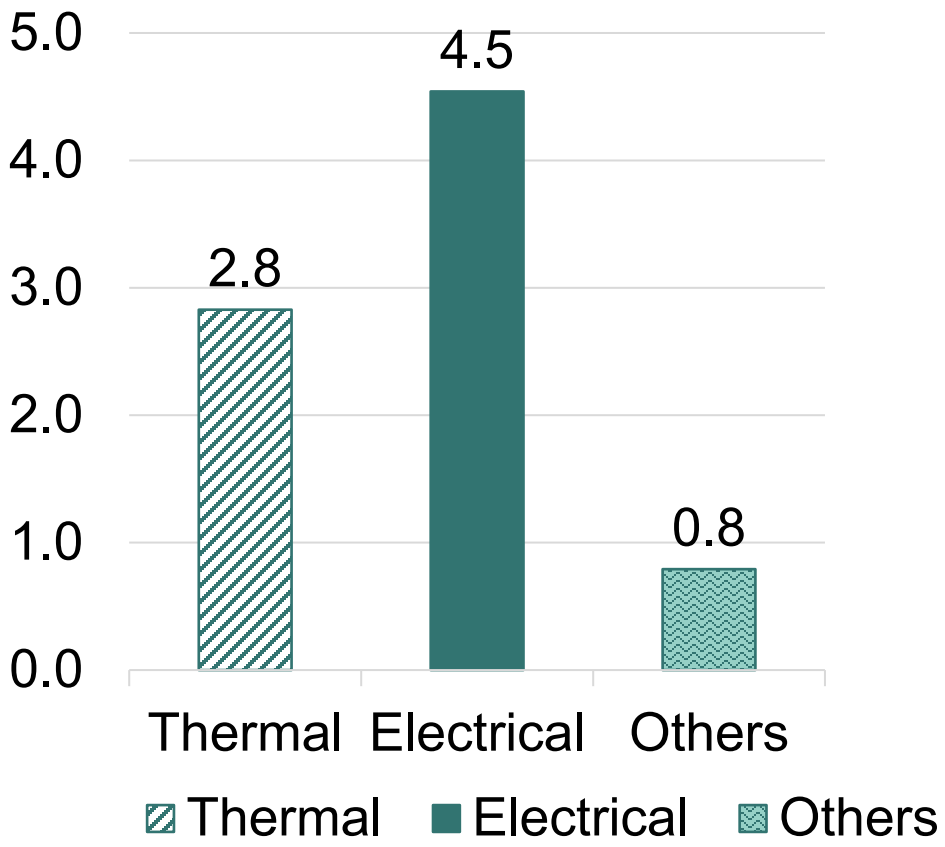
Energy costs saving potential



…to achieve

6 mn. USD / year equivalent
Cost saving potential.

Financial feasiblity

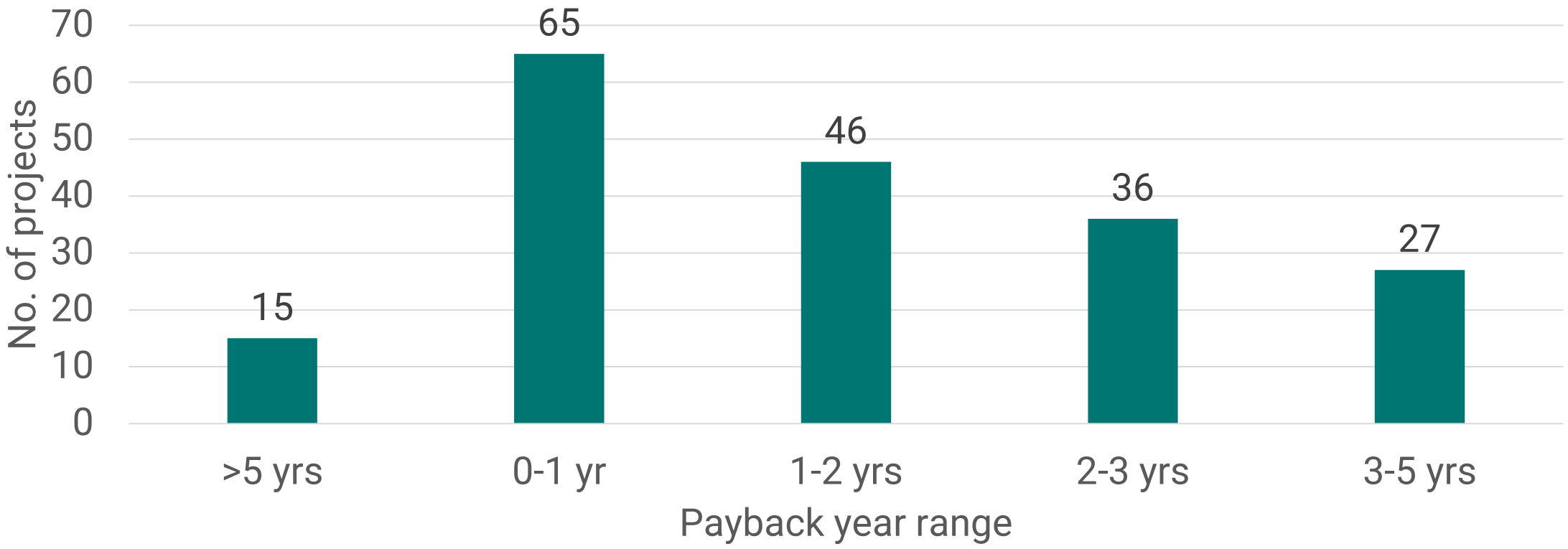


Indicating project feasibility with an

Average Payback period of

3.3 years only

Financial feasiblity



Key takeaways !



Conclusion

- DEPP III method of systematic approach to EE project development showcases proven results
- It is important to have an holistic overview of energy and mass flows
- Energy Efficiency projects are feasible – technically and financially

Thank you for participating

