O'zbekiston Ipotekani Qayta Moliyalashtirish Kompaniyasi

ADB

Summary of the EIB Green sub-project

Only measures that are eligible for financing under the European Investment Bank's dedicated green windows (EIB Green) are summarised here.

Green project components	Solar thermal hot water systems
Green project category	Energy Efficiency: Energy efficiency improvements in existing buildings
Investment cost	Not specified
EIB eligibility	EIB Green
Primary energy savings	740 950 kWh/year
Renewable energy generation	619 704 kWh/year [1 200 kW added capacity]
Final energy savings	673 591 kWh/year
CO2 savings	136 065 kg CO2e/year
Cost savings	63 250 €/year
Contribution to EU environmental objective(s)	Climate change mitigation
Compliance with 'substantial contribution' criteria of the EU Taxonomy	YES (See Annex 1, overview per measure, for details)

Green results indicators for EIB Allocation Tool

The information below shall be used by financial intermediaries in the EIB Allocation Tool

Category of Climate Action Project	Energy Efficiency: Energy efficiency improvements in existing buildings
Climate Action Results Indicators	Primary energy savings: 740 950 kWh/year, Renewable energy generation: 619 704 kWh/year [1 200 kW added capacity], CO2 savings: 136065 kg CO2e/year
Climate Action Additional Info	Solar thermal hot water systems

Manual data transfer to EIB:

vDTT002~///~9c5289-9e6f5-911a4d~///~13~November~2023,~9:04:29~(UTC)~///~~///~BE~///~Solar~thermal~hot~water~systems~///~Energy~Efficiency:~Energy~efficiency~improvements~in~existing~buildings~///~0~///~EUR~///~EIB~Green~///~Climate~change~mitigation~///~YES~///~740950~///~619704~///~1200~///~673591~///~0~///~0~///~136065~///~63250~///~0~///~~///~~///~Belgium~///~~///~~///~~///~~///~

The lines above summarise the data required for reporting the green sub-project to the EIB. To process this data, please copy and paste the lines into the designated input box in the Excel file 'EIB Green Checker_DATA TRANSFER TOOL'. EIB financial intermediaries can obtain this Excel file from EIB (or involved consultants) upon request.

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Annex 1 | Details of measures assessed

Solar thermal hot water systems

Solar thermal heat generation describes a technique where solar radiation is used to produce hot water. Solar thermal energy can be used for domestic hot water heating, space heating, pool heating, or for commercial and industrial heating. The potential savings and payback times depend on the solar radiation, the load profile and dimensioning of collector area and storage. Solar thermal systems include collectors, storage tanks, pumps, pipes and controls.

Investment cost	Not specified
EIB climate action category	Energy Efficiency: Energy efficiency improvements in existing buildings
EIB eligibility	EIB Green
Primary energy savings	740 950 kWh/year
Renewable energy generation	619 704 kWh/year [1 200 kW added capacity]
Final energy savings	673 591 kWh/year
CO2 savings	136 065 kg CO2e/year
Cost savings	63 250 €/year (See Annex 2, energy tariff assumptions)
Contribution to environmental objective	Climate change mitigation
Compliance with 'substantial contribution' criteria of the EU Taxonomy	YES (climate change mitigation, activity 7.6, see Annex 4) *To be fully aligned with the EU Taxonomy for Sustainable Finance, the measure must also comply with the 'do no significant harm' criteria and the minimum social safeguards of the EU Taxonomy. This is not assessed by the Green Eligibility Checker.*
Impact assessment approach	Simplified mode (See Annex 3, glossary of terms)
Default assumptions changed	Yes
Assumptions and input data	What is the size of the solar thermal collectors?: 2000 m² | For what purpose will the solar thermal system be installed?: Domestic hot water generation only | Which energy source is currently used for hot water generation (or space heating if relevant)?: Natural gas | In which region will the system be installed?: Belgium (Undefined region) | Which type of solar thermal collector will be used?: Unknown | Which direction will the solar thermal collectors face?: Unknown
Underlying Green Checker data model version:	SOLAR_THERMAL_V1.0A