



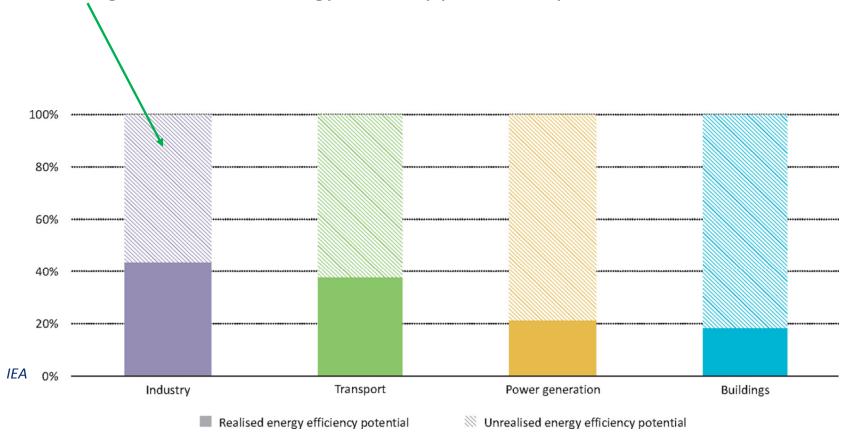
Global Industrial Energy Efficiency Accelerator (GIEEA)



Industry is a significant emissions contributor with unrealized potential



- > Industry uses 37% of global Total Fuel Consumption and 33% of global GHG emissions
- > 60% of global industrial energy efficiency potential is yet to be realized.



The Industrial Accelerator will engage with multiple international and local institutions







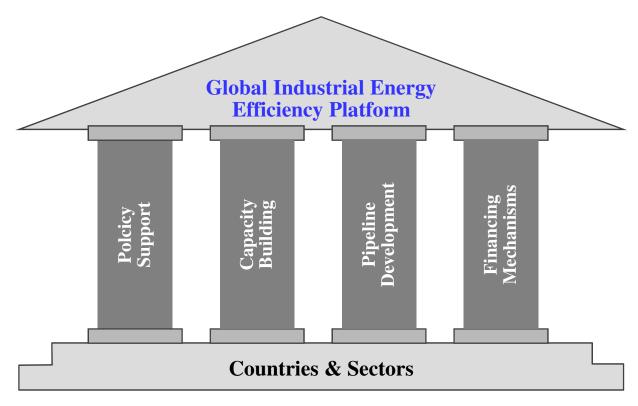






The Accelerator seeks to support energy efficiency in industrial companies through 4 pillars





Integrated **policy** to create a landscape in countries to drive adoption of EE measures

Increase the number and quality of EE experts to enable the roll out of Energy Management Systems (EnMS), including ISO 50001.

Creation of an investable pipeline of energy efficiency opportunities through awareness raising and advice programmes

Intl Financial
Institutions mainstream
energy efficiency
finance into local
banking operations, and
ensuring access to
funding for corporates

A key part of the strategy is to choose countries and sectors to work with

TRUST

Various criteria for selection:

- Industry is important (represents significant impact on country GDP, CO2, etc.)
- Countries are ready for change (ministerial support, access to local auditors, etc.)

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	Political – Commercial Context				Economy — Industry structure						Energy – GHG indicators				
Country	Active Agency	Political readiness	Commercial readiness	<mark>Barriers</mark> or success drivers	% global GDP	Industry share of country GDP	Intensive primary industries	Manufacturi ng and SMEs	GDP USD/ capita 😡	Industry <u>axtoe</u>	toe/ capita	USD GDP ₂₀₁₁ ,000/ toe	% Industry global energy	Industry GHG 2010 MmtCO ₂ ea	Industry % Global GHG
Brazil	СТ				3	25			12,221	82.4	1.4	10.6	3%	126.5	1.7%
Chile	UNIDO, CT				0.4	35			19,067	10	2.2	9.9	0.37%	16.1	0.2%
China	CT, IEA				16	44			9,844	958	2.2	5.3	35%	2563.	35%
Colombia	UNIDO				0.6	37			11,189	9.6	0.67	18.4	0.35%	15	0.2%
Ecuador,	UNIDO				0.17	39			10,080	2.5	0.98	11	0.1%	4.3	0.06%
Egypt	UNIDO				0.9	39			6,579	13.5	0.89	11.4	0.5%	42.9	0.6%
India	UNIDO, CT, CEM				6.8	25			4,077	179	0.6	8.4	6.5%	424.8	5.8%
Indonesia	UNIDO, CEM				2.5	45			5,214	36.8	0.85	11.4	1.36%	126.4	1.7%
Malaysia	UNIDO				0.7	41			17,748	15.3	3.0	7.8	0.56%	34.3	0.47%
Mexico	CT, IEA, CEM				2	35			15,563	34.7	1.5	10.5	1.3%	67.4	0.9%
Moldova	UNIDO				0.02	16			3,736	0.47	0.86	5.3	0.02%	0.3	0.001
Myanmar	UNIDO				0.22	16			1,740	1.9	0.3	-	0.07%	NA	NA
Panama	СТ				0.07	22			16,658	0.95	1.0	18.2	0.03%	1.9	0.02%
Peru	СТ				0.34	36			11,124	4.5	0.7	16	0.16%	9.1	0.01%
Philippines	UNIDO				0.64	31			4,682	6.9	0.46	14	0.25%	13.1	0.2%
Rwanda	СТ				0.02	14			1,538	NA	NA	NA	NA	NA	
Russian	UNIDO				3.3	36			17,884	124	5.1	4.9	4.5%	374.6	5.1%
Federation															
South Africa	UNIDO, IEA, CEM				0.65	27			11,259	26.5	2.7	4.7	0.98	52.7	0.7%
Thailand	UNIDO				0.91	42			9.875	30	1.9	7.5	1.1%	79.7	1.1%
Macedonia	UNIDO				0.03	26			10,904	0.57	1.3	8.8	0.02%	1.3	0.02%
Turkey,	UNIDO				1.4	27			15,353	24.5	1.5	12	0.9%	60.5	0.8%
Ukraine	UNIDO, IEA, EU			EU-UKR	0.34	26			7,296	21.8	2.5	3.3	0.8%	77.6	1.0%
Vietnam	UNIDO				0.47	38			4,012	19.5	0.67	7.7	0.7%	44	0.6%
References															