

Industry Energy Efficiency

As at 2015 energy efficiency index and process emission for the technologies are unity. As the technology improves energy efficiency and process emission index reduces. This is displaced on the table illustrating the levels.

Key Interaction

Efficiency improvements reduce fuel requirements, and process emissions in the industry.

Level 1

Energy consumptions are unchanged from 2015.

Level 2

Energy intensity in the chemicals, refineries and other industries changed very little from 2015, and process emission fall slightly.

Level 3

There are improvements in energy intensity and emissions across all industry.

Level 4

A suite of energy saving solutions and efficiency measures are applied throughout all industrial sectors to achieve the reductions in energy consumption.

Default Timing Start year: 2025, End year: 2100

	Index	2015	level 1	level 2	level 3	level 4
Sub levers						
Cement	Index	1.00	1.00	0.93	0.67	0.44
Metal	Index	1.00	1.00	0.93	0.67	0.44
Chemicals	Index	1.00	1.00	0.96	0.88	0.70
Refineries	Index	1.00	1.00	0.96	0.88	0.70
Other Industries	Index	1.00	1.00	0.96	0.88	0.70
Process emission						
	Index	2015	level 1	level 2	level 3	level 4
Sub levers						
Cement	Index	1.00	1.00	0.93	0.72	0.54
Metal	Index	1.00	1.00	0.87	0.67	0.50
Chemicals	Index	1.00	1.00	0.88	0.60	0.43
Refineries	Index	1.00	1.00	0.83	0.72	0.42
Other Industries	Index	1.00	1.00	0.84	0.75	0.55

