

Goal 7. Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all

Labelling Instructions

Key Concepts of Goal 7

To be labelled with , a project should explicitly or implicitly refer to at least one of:

- Access to affordable, reliable and modern energy
- Increase the share of renewable energy
- Improve energy efficiency
- International cooperation on renewable energy and efficiency
- Research and technology on clean energy
- Financing clean energy production
- Expand sustainable energy infrastructure and upgrade technology

Labelling Tips

- Many projects will cover more than one Goal, but to be tagged as this Goal they must include at least one of the Key Concepts above. Further information on other goals can be found [here](#).
- The documents are research projects so it may not be clear whether they actually contribute to achieving a Goal. That is fine - we are interested work that either contributes to achieving a goal or generates knowledge directly related to the Goal.
- In some cases the distinction between and will not be 100% clear. That's fine. Just use your best judgement. You can always use the button (although it is best to try to make a decision).

Example key terms (non-exhaustive)

clean energy, renewables, energy efficiency, energy recovery, energy access, affordable energy, biomass, solar energy, wind power, hydropower, energy transition, photovoltaics, fuel cells, energy consumption, energy storage, grid, light harvesting, solar heating, batteries, artificial photosynthesis, nuclear energy, energy markets, high temperature superconductors, energy infrastructure

Not to be confused with

- 13. Climate Action
 - Covers policy responses and adaptation to climate change

Project description	Is Goal 7?
Development of new type of solar cell	Yes
Reducing chemical pollution from solar cell production	No
More efficient use of energy in industrial process	Yes
Monitoring climate change effects	No
Sustainability research for cities including energy	Yes
Rolling out new non-electric public transport	No

Optional: You do not need to read this section before labelling the data. It contains the official UN SDG targets for this Goal and are provided for reference. You may want to use them if you are particularly confused by a project.

Goal 7. Targets and Indicators

- Target 7.1: By 2030, ensure universal access to affordable, reliable and modern energy services
 - Indicator 7.1.1: Proportion of population with access to electricity
 - Indicator 7.1.2: Proportion of population with primary reliance on clean fuels and technology
- Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix
 - Indicator 7.2.1: Renewable energy share in the total final energy consumption
- Target 7.3: By 2030, double the global rate of improvement in energy efficiency
 - Indicator 7.3.1: Energy intensity measured in terms of primary energy and GDP
- Target 7.a: By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology
 - Indicator 7.a.1: International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems
- Target 7.b: By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support
- Indicator 7.b.1: Investments in energy efficiency as a proportion of GDP and the amount of foreign

direct investment in financial transfer for infrastructure and technology to sustainable development services

Source: <https://unstats.un.org/sdgs/metadata/>