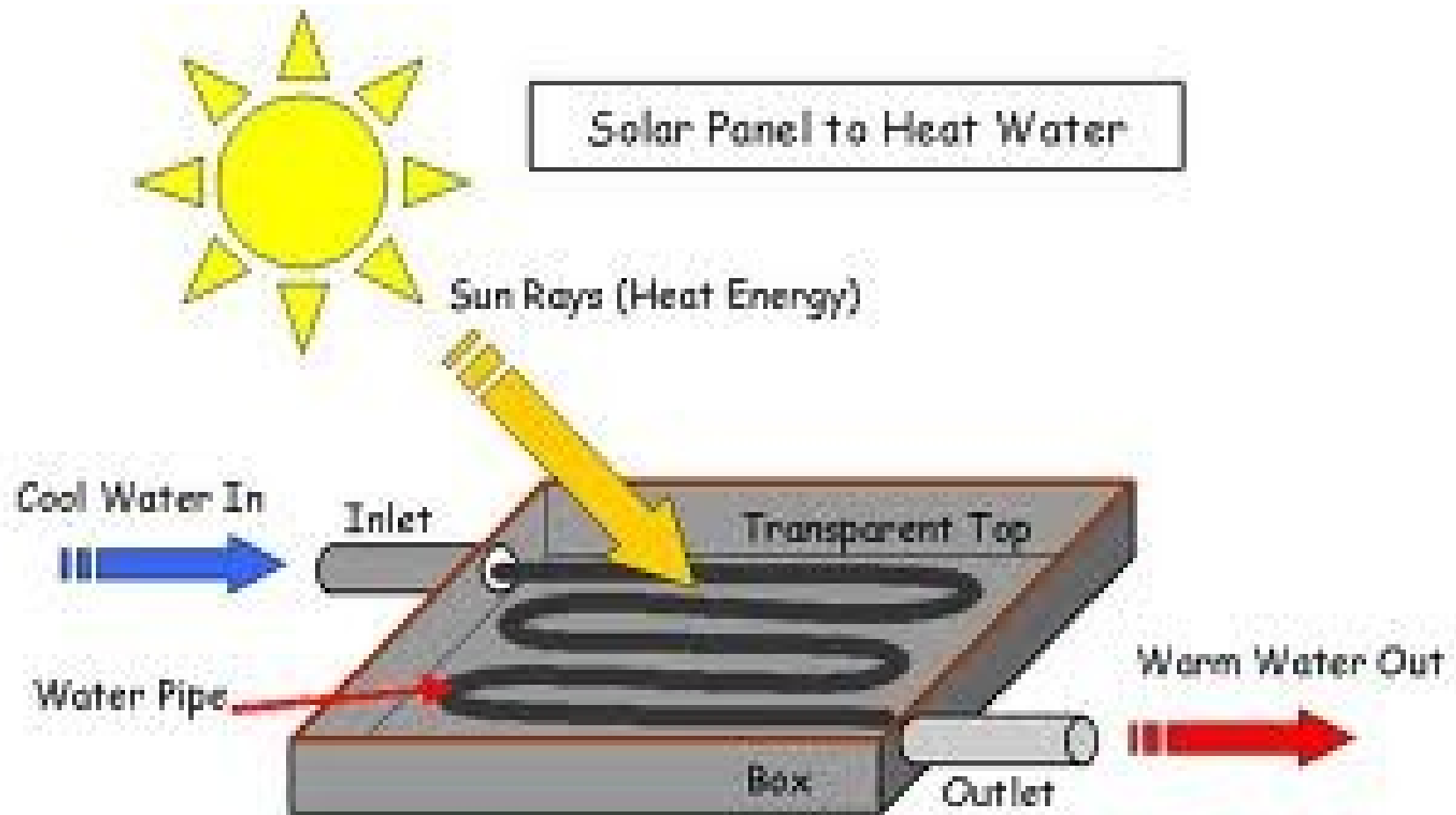


# Energy and its Transformation

# CONTENTS

- Energy and its Transformation
- Electric power plants
- Conventional power plants
- Non-conventional power plant
- Environmental impact

# Energy and its Transformation



# Electric power plants

- Electrical power plants use an external source of energy to produce electricity. To do this ,they rely on a turbine-alternator-system.



# Conventional power plants

- In thermal power plants, water is heated in a boiler by the heat generated from the combustion of a fossil fuel (natural gas, coal or petroleum).



# Non-conventional power plant

- The environmental problems caused by conventional power plants have led to the creation and development of non-conventional or alternative energy power plants.



# Environmental impact

- As part of a technology project, it's mandatory to carry out an environmental impact assessment to find out what changes it would provoke in the environment.



Environmental impact is defined as the effect of a particular human action on the environment in its various aspects.

The concept can be extended, with little use for the purposes of a natural catastrophe.

Technically, it is the alteration of the baseline, due to human action or natural events.



Human actions, motivated by the pursuit of various goals, cause side effects on the natural or social life.

While the intended effects are usually positive, at least for those who promote action, side effects can be positive and, more often negative.