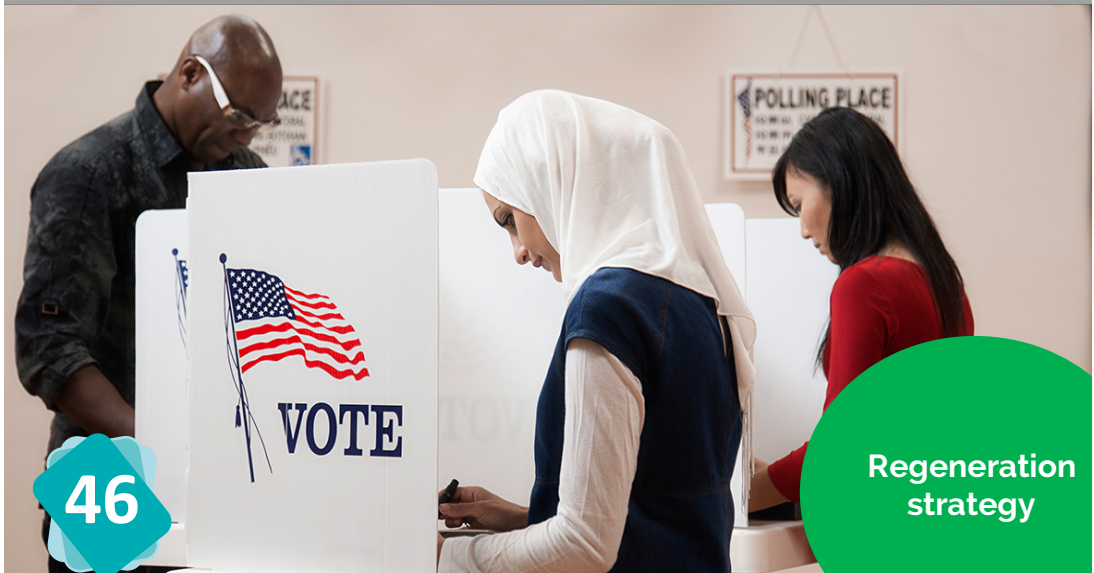
Voting

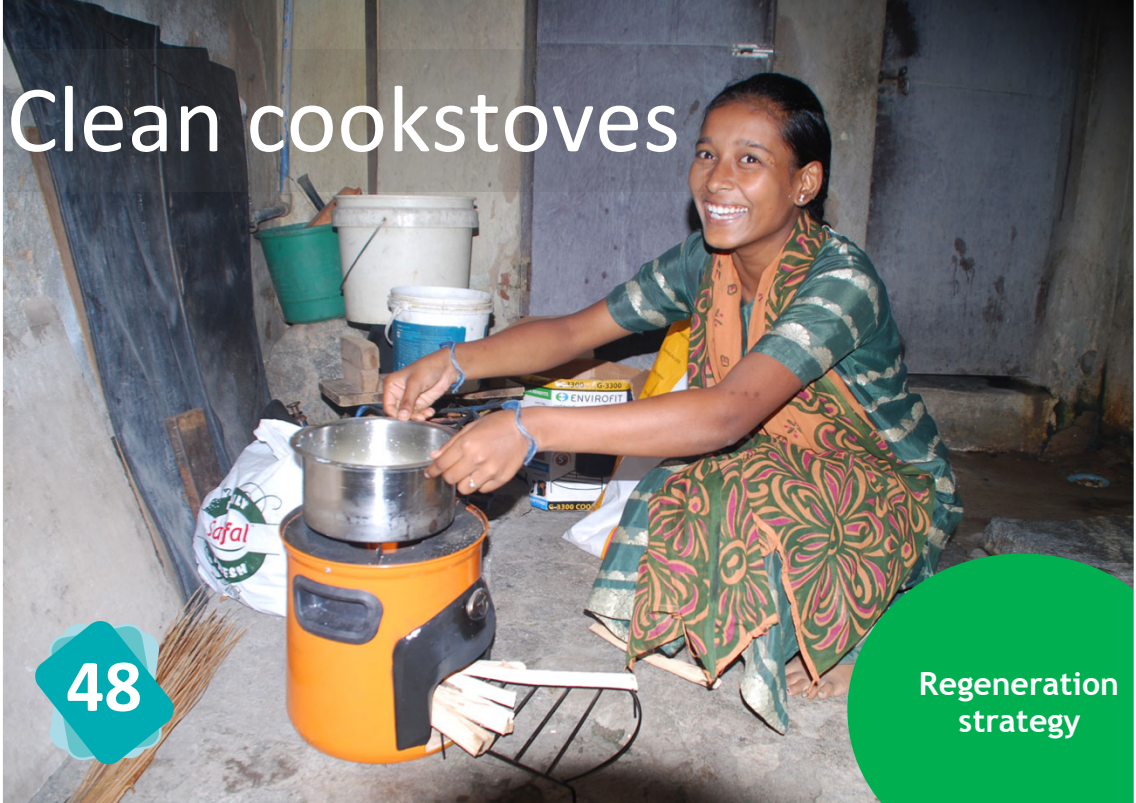


Capturing methane from landfills

47

Regeneration strategy

Clean cookstoves



48

Regeneration strategy

Coastal wetland restoration

49

Regeneration strategy

48

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Household cooking and heating accounts for over half of the world's black carbon emissions and an estimated 4 million premature deaths from indoor pollution–related illnesses. Cleaner cookstoves replace stoves that burn the dirtiest fuels (wood and coal) with technologies that use locally produced alternatives such as wood pellets, solar, or electricity. Advanced biomass stoves cut emissions up to 95 percent by forcing gases and smoke from incomplete combustion back into the stove's flame.

Solution Set

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Agriculture, development, and natural disasters have degraded many coastal wetlands. Restoring mangrove forests, salt marshes, and seagrass beds to health reduces greenhouse gas emissions. It also enhances their ability to support biodiversity and provide ecosystem services.

Solution Set

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Voting allows you to influence all kinds of climate-conscious policies and practices at local, regional, and national levels.

Solution Set

47

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Landfills generate methane as organic waste decomposes. Rather than getting released as greenhouse emissions, that methane can be captured and used to produce electricity

Solution Set

Distributed solar panels

38

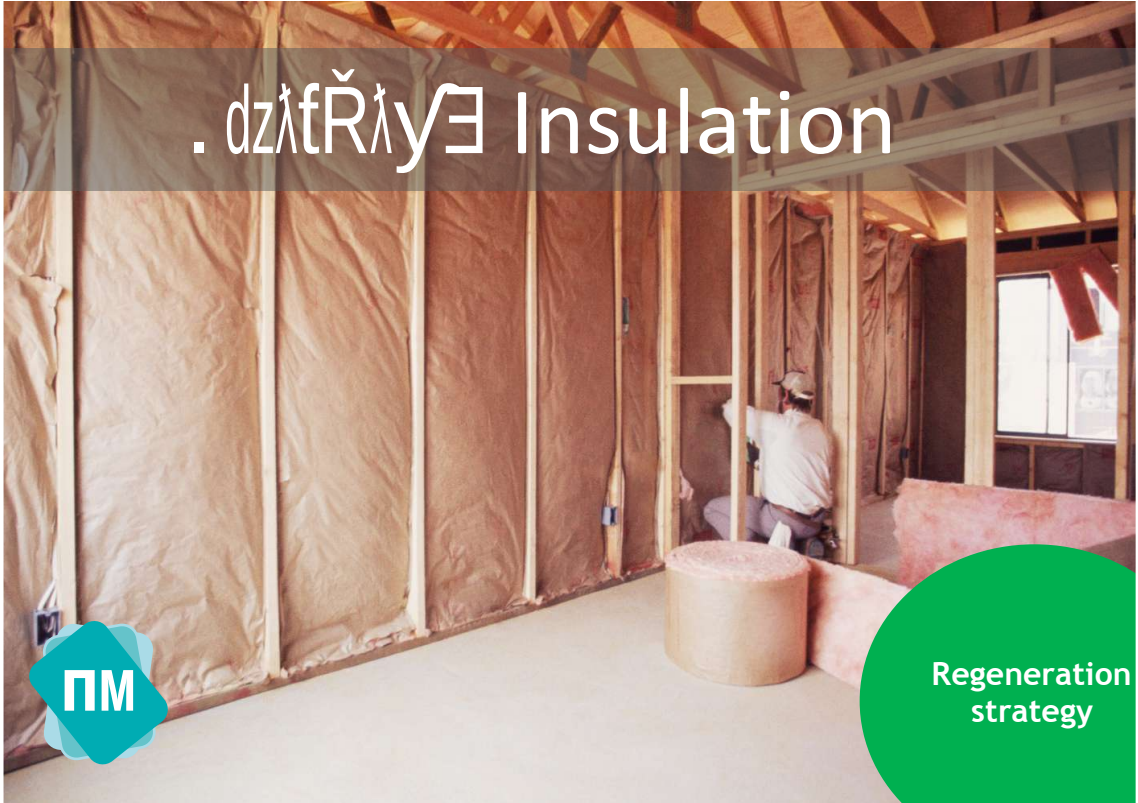
Regeneration strategy

Electric cars

Protects Indigenous peoples' rights to manage their forests

40

Regeneration strategy


. dzʎfŘʎyƎ Insulation
ПМ
Regeneration strategy

40

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Indigenous peoples have long been the frontline of resistance against deforestation; mineral, oil, and gas extraction; and the expansion of monocrop plantations. Their resistance prevents land-based carbon emissions, and maintains or increases carbon sequestration. Increasing the amount of land under secure Indigenous land tenure can increase carbon stocks and reduce greenhouse gas emissions from deforestation.

Solution Set

41

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Insulation—both in new construction and when retrofitting older buildings—slows down unwanted airflow in or out of those buildings. It reduces emissions by making heating and cooling more energy efficient.

Solution Set

38

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Whether grid-connected or part of stand-alone systems, rooftop solar panels and other distributed solar photovoltaic systems offer hyper-local, clean electricity generation. This solution replaces conventional electricity-generating technologies such as coal, oil, and natural gas power plants.

Solution Set

39

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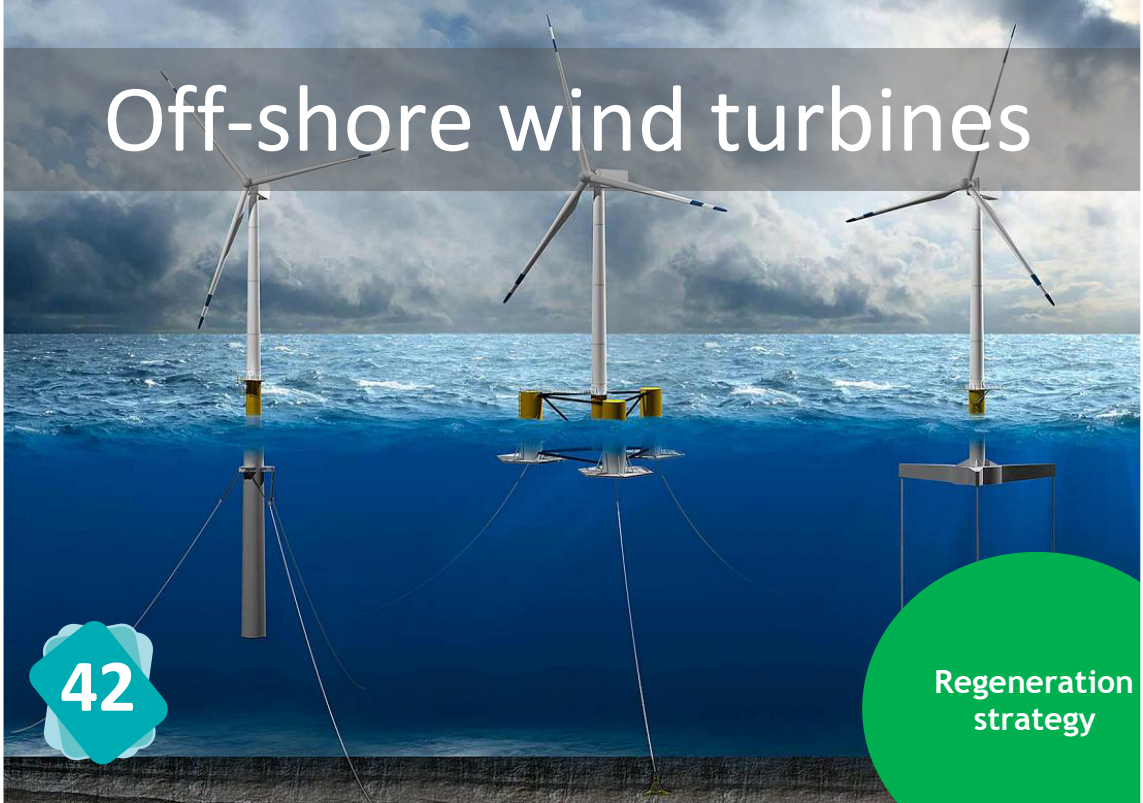
Electric cars replace those powered by gasoline or diesel. They always reduce emissions—dramatically so when powered by renewable electricity.

Solution Set

Off-shore wind turbines



42

Regeneration strategy

Plant-rich diets

43

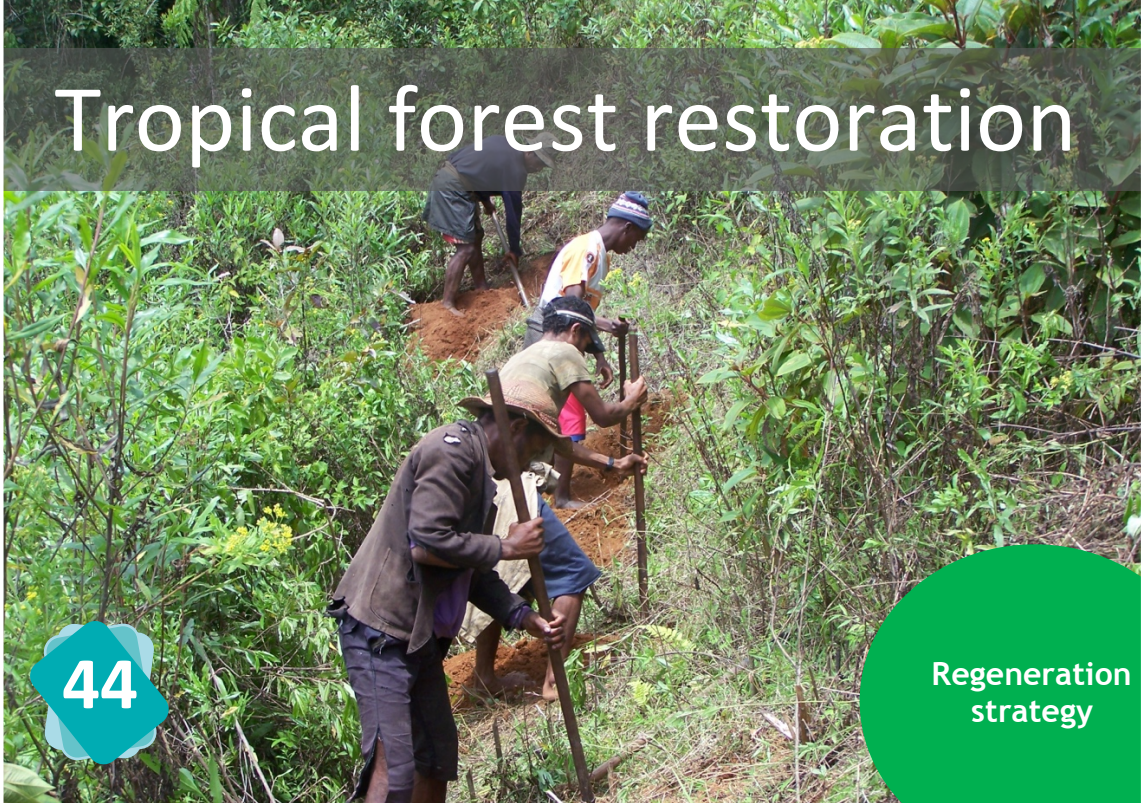
Regeneration strategy

Reduce food waste

44

Regeneration strategy

Tropical forest restoration



44

Regeneration strategy

44

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Roughly one-third of the world's food is never eaten. By reducing loss and waste, we can reduce the need for land and resources used to produce food as well as the greenhouse gases released in the process.

Solution Set

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Many tropical forests have undergone clearing, fragmentation, degradation, or depletion of biodiversity. Restoring these forests restores their ability to sequester carbon.

Solution Set

42

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Winds over sea are more consistent than those over land. Offshore wind turbines tap into that power to generate utility-scale electricity without emissions.

Solution Set

43

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Animal agriculture is a significant source of greenhouse gas emissions. Favoring plant-based foods reduces demand, thereby reducing land clearing, fertilizer use, and greenhouse gas emissions. They also tend to be healthier than animal-rich diets.

Solution Set

Walkable cities

50

Regeneration strategy

Your choice:

Sketch out a drawing if you like

Your choice:

Sketch out a drawing if you like

Your choice:

Sketch out a drawing if you like

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Brief description:

Solution Set

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Brief description:

Solution Set

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Walkable cities use planning, design, and density to maximize walking and minimize driving. Emissions decrease as pedestrians take the place of cars.

Solution Set

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Brief description:

Solution Set