

Europe's Environmental Issues

Directions: Complete the chart below with information that you learn during the presentation. If time allows, color your illustrations.

	Acid Rain in Germany	Air Pollution in UK	Chernobyl
CAUSES	Factories, power plants, and automobiles burn fossil fuels and give off smoke and emissions; rain and pollutants mix in the air	Factories, homes, and automobiles burn fossil fuels and give off smoke and emissions; Smoke and emissions contain pollutants, such as carbon monoxide, sulfur dioxide, and nitrous oxide, which are released into the air	Nuclear power plant exploded and released tons of toxic radioactive waste into the atmosphere
EFFECTS	Destroyed over half of the Black Forest, contaminating rivers and lakes, thus harming fish and wildlife, corroding buildings and statues, contaminating drinking water	Causes health hazards such as asthma and pneumonia; burns eyes, nose, & lungs; harms vegetation which results in slower growing & makes it more susceptible to diseases and insects; decreases crop production	Over 100,000 acres of land was contaminated with radioactive wastes; forests and wildlife died, water was not safe to drink and fish could not be eaten; So much land was contaminated, farmers could no longer grow/sell crops; Radiation exposure causes thyroid cancer, autoimmune diseases, & birth defects
SOLUTION	Factories have started using water power & alternative fuels; stricter emissions testing on automobiles; Germany has agreed to cleaner energy sources, like wind and solar, instead of burning fossil fuels	Government has created smokeless zones in London; factories and homes are using more electricity and burning less fossil fuels; laws require automakers to build cars that produce less exhaust; people are asked to use public transportation	Plant was closed in 2000; Chernobyl is inhabitable today
ILLUSTRATION			