

## Transcript: What does the Department of Energy, Transportation, and Environment do?

[German video, English subtitles]

**Claudia Kemfert:** Scientific research is a great passion. It demands precision, perseverance, persistence, and above all, the interplay of diverse perspectives, experiences, and skills. And it is, above all, teamwork. And it's enjoyable, even when the topic is very, very serious. Take the climate crisis, for example. Steady global warming is costly and is destroying our environment. It threatens our livelihoods and, most importantly, is harming our economy. But there are solutions. With our scientific work, we contribute to evaluating these solutions, and we can demonstrate that climate protection offers advantages for the entire economy. Renewable energies are cheaper than fossil fuels, electromobility is more economical than combustion engines, heat pumps are more efficient than gas heating, and hydrogen is valuable, especially for heavy industry. Our outstanding research projects relate to Berlin, Germany, Europe, and the entire world. We think globally and work within international scientific networks; we develop and evaluate future scenarios far beyond the here and now. I have led this department for over 20 years, and in that time a truly wonderful research team has developed, one that also works together with great passion. Our findings are heard not only in the scientific community, but also in politics, the media, and society. Our insights are incorporated into real policy measures. We conduct science that has an impact.