

The Planck satellite is an European CMB (Cosmic Microwave Background) experiment that took data from 2009 to 2013. It observed the temperature and polarization in the microwave domain with unprecedented sensitivity over the full sky. A first data release took place in 2013, with 15 months of temperature data. This year, there was a second data release, including for the first time polarization. It revealed a universe in good agreement with the 6 parameters  $\Lambda$ CDM cosmological model. In this talk, I will give an overview of the main results, focusing on the maps and the cosmological parameters.