

KPN Technology Labs - KPN Corporate

New services that bring enjoyment and convenience. With this goal in mind, KPN Technology Labs are exploring the boundaries of technology. And, where necessary, we are pushing these boundaries.

Innovation does not just happen; genuine innovation requires hard work, discipline and structure. It is more than just generating ideas. You can't make a difference with just a good idea. But you can with a tangible, end-user tested application.

We know all about this at KPN Technology Labs. Recently announced or introduced technology was already being developed years ago in KPN Technology Labs. Think of, for example, Voice over LTE (calling via fast mobile internet), LoRa (a super-efficient network that connects devices to the Internet of Things), Voice over WiFi (calling via WiFi), and Blockchain applications (the technology behind Bitcoin).

Field Labs

KPN Technology Labs is a collection of multidisciplinary telecommunications and ICT labs. Here, KPN experts work together with customers, developers and suppliers. Side by side, we're transforming ideas into concrete products or services. We test these with the public in our Field Labs (test centers).

We prefer to set the Field Labs up at our partners. A good example is the Amsterdam ArenA Innovation Center, which we've established in collaboration with, among others, Amsterdam ArenA and TNO. At this testing ground for innovation, we develop and test smart technological inventions.

And in North Groningen, we are researching ultrafast 5G internet together with TNO, Huawei and Ericsson. The Loppersum area is the first rural area in the world with such a network. This new standard for mobile internet is faster than 4G, but also makes it possible for larger numbers of devices to be connected to the network simultaneously, the so-called 'connected society'