

AI

Hi! Have you ever stopped to think about how many things machines do for us?

Wait a minute... wait a minute... by machines I don't just mean big machines, but also very small machines that are invisible to our eyes... algorithms, for example, that filter the emails we receive in our inbox and that block cyberattacks...

But what about robot hoovers that clean your floor whenever they detect dust? Or the developments in healthcare, such as the sensors implanted in diabetics' arms? They can monitor their blood sugar, and alert them via their mobile phone when they need insulin.

Do you know what all this is? It's... Artificial Intelligence.

The podcast for everyone who wants to change the world. Now is the time to think about the future of the planet. What do you need to know about... the future of artificial intelligence?

A robot will not be able to harm a human being. Asimov's first law of robotics does not specify whether changing a human's work or his life counts as harming him... or not.

Artificial Intelligence has now made the leap from the screen to reality. A leap that will become a revolution comparable to that brought about by the internet.

What is Artificial Intelligence? A combination of algorithms and machines that replicate human capabilities. A technology that on the one hand seems distant and mysterious, and on the other hand is already part of our routine.

7:15. Your voice assistant wishes you good morning, plays your favourite song while you shower and it goes on to tell you the latest news.

8:30 You've made it to work avoiding traffic jams thanks to real-time traffic updates. You have time to accept the investment suggestion on your banking app.

12:40 A discount from the restaurant you were looking for a fortnight ago has arrived in your inbox. Perhaps now is the time to go.

15:00 You have to pick up your shopping from the supermarket before you go home. You can't wait to try the new variety of tomatoes recommended by the virtual assistant (they're grown under drone surveillance to avoid possible pests).

18:00 You receive a reminder to go for your health check-up. Although the doctor didn't see anything unusual, the last study of your data revealed a small mismatch in your analysis.

19:00 Don't forget to take a break with the latest series you have been recommended. It matches 97% with your tastes.

But artificial intelligence affects us indirectly in many more ways.

By harnessing big data and processing large amounts of data, it offers numerous communications, commercial and business advantages.

In Finance, smart technologies can help banks detect fraud, predict market patterns, and advise customers on trades.

On the business side, companies such as Amazon use robots to identify whether a book will be successful, even before it is published.

Agricultural breakthroughs include specific platforms that use predictive analytics to improve agricultural yields and warn of adverse environmental impacts.

Finally, in relation to climate change, there are fleets of drones capable of planting a billion trees a year to combat deforestation, unmanned underwater vehicles to detect leaks in oil pipelines, smart buildings designed to reduce energy consumption, and so on.

The irruption of Artificial Intelligence in our lives has led the European Parliament to create laws to control robotics.

They will not be able to harm humans. Nor form emotional relationships with each other.

They will have legally defined rights and obligations.

And they will have to pay social security taxes to help with any unemployment they cause.

According to the International Monetary Fund, Artificial Intelligence will wipe out 85 million jobs in five years, but will create 97 million. Overall, it is estimated that the AI market could reach \$127 billion by 2025

New technology always brings uncertainty. The benefits of Artificial Intelligence are weighed against its potential dangers. It all depends on the legacy we humans leave through its use.

Simulated shapes quotation <https://www.iberdrola.com/shapes/kate-darling-problemas-inteligencia-artificial-robotica>

I believe we desperately need to reframe our thinking on robotics and artificial intelligence as human replacements to see that we have choices in how we design, build and integrate this technology.

You have just been listening to Kate Darling, a research specialist at the MIT Media Lab and an advocate of this advance. Tim Cook, CEO of Apple, and Gin Rometty, president of IBM are also in favour.

But others are more alarmist about the future, including Nick Bostrom, Swedish philosopher at Oxford University, Tesla's Elon Musk, writer Stephen Hawking and others who also warn of its dangers.

The advances in robotics and artificial intelligence will change every aspect of our lives. But will they be positive or negative? Only time will tell.

Thank you for caring about the future. Now it's time for action. Discover more inspiring initiatives for the planet in the following podcast, on your favourite listening platform, or in the innovation and sustainability sections at [Iberdrola.com](https://www.iberdrola.com)