Please explain the basic idea of your invention:
This is very similar to a radio station but what we have is 15 hundred radio stations in parallel sending information through the power line. And for every radio station the quantity of information that can be conveyed is 1000 times the usual information. So we can get nearly one million times the capacity of the usual data channel through the high complexity of our chip-set, that has four million gates. Summarising, we put together a high complexity chipset, the equivalent of one hundred thousand radio stations broadcasting simultaneously.

Which impact does your invention have on us and our daily lives?
There are several million people in Singapore, in United Kingdom, in Spain, in Portugal, in China, that they use this kind of devices, this chip-set which we have produced with the patent, that allows a communication of video, audio and data between any two audios of a home. This kind of home-networking would be impossible without our technology.

How important is the protection of IP rights?
The patents and the protection of IP are our bread and butter but people would copy it paying civil royalties, so large companies like ourselves could make our technologies obsolete while copying our ideas. In order to avoid that we protect ourselves with patents.

How do you feel now as a nominee for the European Inventor Award?
Well I'm very happy that somebody nominated us for this large effort, as a reward for the large effort of 100 people during several years. And basically to be between the top European inventors of the Year is an honour and again I would like to thank very much for the people that proposed us for this nomination.