Welcome to the future of electricity!

COST WIREF is a type of project that allows people from different countries to meet and investigate new technologies and ideas. From all across, great minds are thinking up of clever ways to better our lives.

APPLICATIONS: This may reduce space usage like powering sensors in satellites, transportation like powering a car from the highway itself and even home appliances like your personal devices, washing machines, lamps, etc.

Near field and far field: you'll see a lot of applications in these areas, and I'll tell you some examples in a bit.

Near Field vs. Far Field:

Near field is less complex and requires shorter transmission distances, whereas far field can transmit over longer distances.

We're interested in COST WIREF mainly investigating and proposing ideas in the following Work Groups:

- TRANSMISSION and POWER QUALITY
- SECURITY and SERVICES
- COST and BENEFITS
- POLICY and REGULATION
- SOCIETY and ETHICS

Cost wiref is the only WIREF project so far. It's an initiative funded by the European Commission to develop wireless power transfer technologies.

The power that will be fed through the cable will be transmitted to a signal through the air and captured by the device that sent it to function.

You can be having coffee with a friend and your phone would be charging via WIREF technology. Other possible devices are lamps, home appliances, drones and pretty much anything you can think of. Forget your chargers! No problem when you have WIREF. It's less shorts and less hassle.

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I can even use WIREF in my refrigerator to monitor their temperature, humidity and other important parameters so I can get the best grapes.

There's a whole world of opportunities out there. Soon we'll be able to power everything through the air! From your fridge in your kitchen to the airplanes in the sky and even the satellites out in space!

Say goodbye to cables because power is going to come coming through the air faster than ever.

Near the future will WIREF power be everywhere?

I'm glad you asked that, because that's where the last WIREF Work Group comes in...

Now you know about COST WIREF and the WIREF technology. We'd get a bright future ahead of us. Thanks to the work of all our workgroups and the backing of the European Commission. Who knows?

Maybe next year we will have revolutionized the way we think about WIREF and have even more awesome ideas! Only time will tell. Meanwhile, time to get back to work!