



Transition track #1 :

Renewables and energy positive districts

Tackling **key areas of transition** in our cities

Put some

POSITIVE ENERGY IN YOUR LIFE !

Increased energy demand, fossil fuel depletion and new expectations in sustainability are accelerating the need for renewables and energy positive districts.

IRIS Smart Cities are at the forefront of integrating locally produced and consumed renewable energy, with exceptional levels of energy efficiency and reuse.

What's in it for me?

Energy positive districts are part of a shift to a circular economy that respects and reuses precious resources. It comes with significant environmental and business benefits but not only...



Reduced energy use and costs for industry and consumers



Increased home **comfort** with **fewer resources** consumed



Better air quality inside and out

IRIS Smart Cities INITIATIVES IN ACTION



Positive energy buildings

Making renewables easier to integrate for everyone provides energy savings, environmental benefits and diversifies our energy sources.



Near zero energy retrofit

Decreasing energy consumption, CO2 emissions and improving quality of life with smart grid technologies and easy to control home energy management systems.



Symbiotic waste heat network

Using waste heat streams and biofuels as an energy carrier provides environmentally friendly business opportunities and by-products in a circular economy.

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