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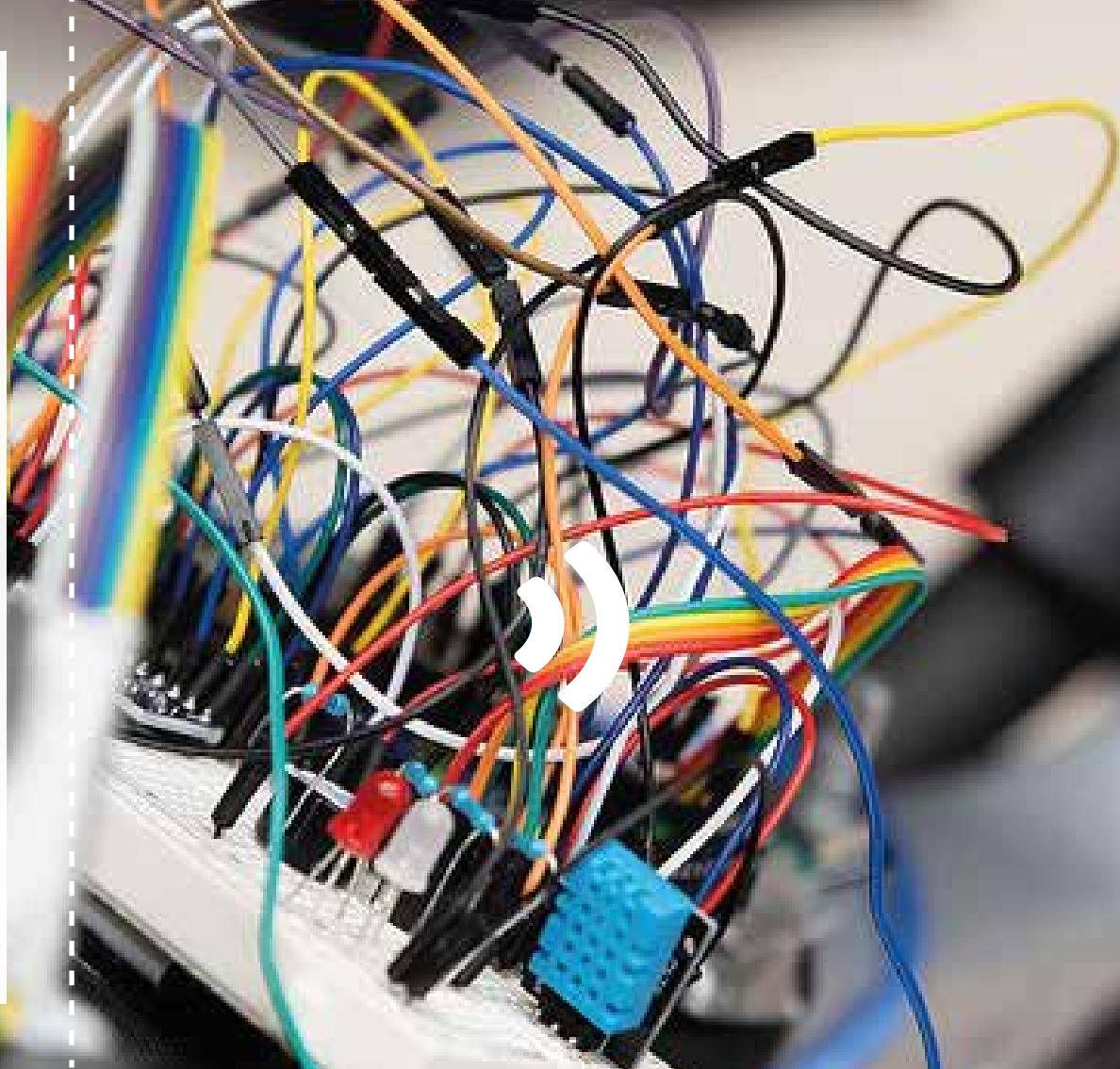
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South Tyrol - Alto Adige
is a network
of nature, people
and companies.
And from today,
of technology.

BEACON
SÜDTIROL·ALTO ADIGE

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Beacon Südtirol - Alto Adige is a project funded by the ERDF program (European Fund for Regional Development), and managed by the **Autonomous Province of Bolzano** in joint collaboration with **NOI Techpark.**

By means of a special **Beacon** sensor network, the area of South Tyrol can communicate with the technological systems developed by companies.

Apps and innovative tools can interact with points of interest - tourism, commercial or industrial - throughout the territory.

The core of the system consists of the **Beacons**, electronic "micro headlights" that signal their position with a precision superior to any GPS system, with no limitation of reception. The open structure is an essential element of the network: identification of the Beacons is open and standardised.

And that's not all. Alongside the Beacons, a **LoRaWan** (Long Range Wide Area Network) connection network, designed specifically for the Internet of Things, is soon to be launched. This network will make it possible to develop applications that analyse the data from the different types of sensors in the area.