

# How to become a biodiversity hero

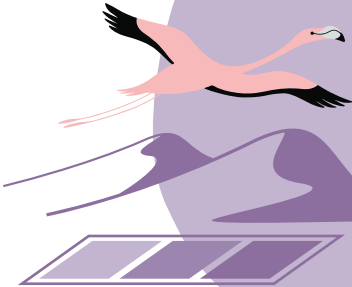
## Chapter 5: The Digital-Native

Tayo uses his digital devices every day and is proud of their long lifetime. When small problems arise, he brings them to a repair shop instead of buying new devices right away.

Not only his wallet is happy about this, but also various species of animals all over the planet.

Be smart and green at the same time!

Smartphones, tablets and many other devices are likely to be powered by lithium-ion batteries<sup>5</sup>. Lithium often comes from Andean salt lakes in South America. Huge quantities of salty groundwater are pumped to the surface to extract lithium by evaporation. As a result, local water balances are irreversible disturbed and rare animal species lose their habitat, including flamingos.<sup>6</sup>



<sup>5</sup> Source: Manhart et al (2016)

<sup>6</sup> Source: German Federal Agency for Nature Conservation (2019), Brot für die Welt (2018)