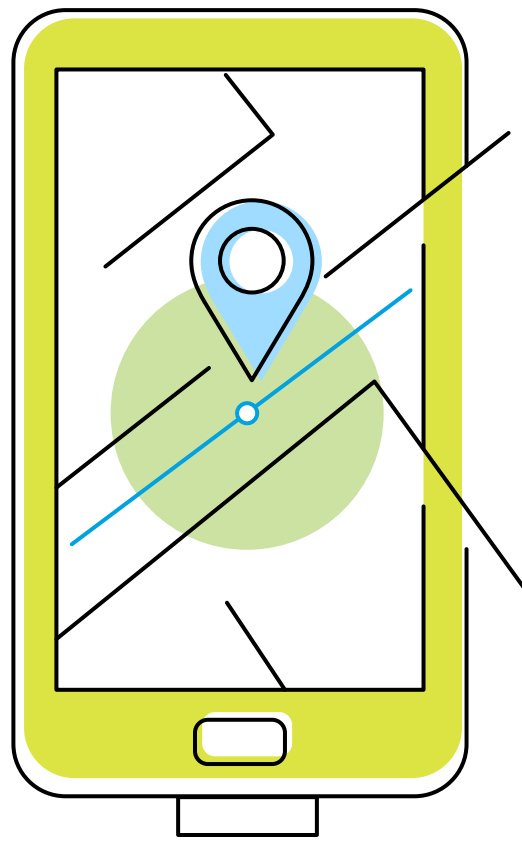
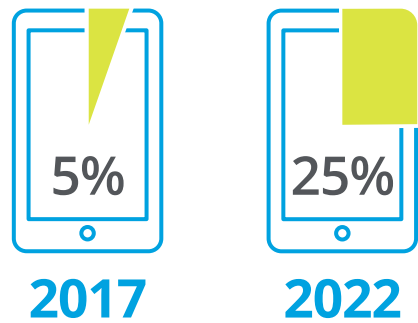


The great indoors: the final frontier for digital navigation

Deloitte Global predicts that by 2022,

at least **a quarter**

of human and machine uses of digital navigation will include or exclusively be indoors



Enabled by growing availability of:

- Wi-Fi hotspots
- dense cellular networks
- beacons
- LED lighting
- ultra-wideband (UWB)
- magnetic positioning

It should have

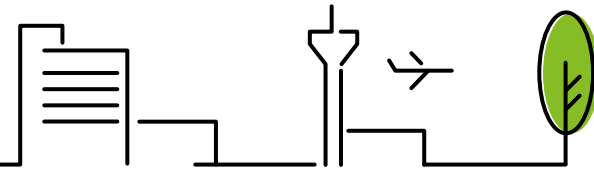
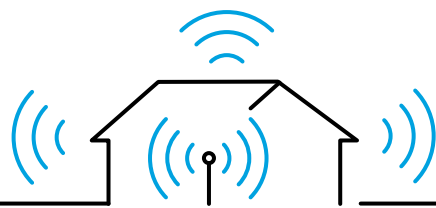
the same disruptive impact

as outdoor navigation

It will enable:

new business models

improved existing ones



over the next decade

Deloitte.

#DeloittePredicts

www.deloitte.com/predictions

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL"), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as "Deloitte Global") does not provide services to clients. Please see www.deloitte.com/about to learn more about our global network of member firms. This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively the "Deloitte Network") is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser. No entity in the Deloitte Network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.